

MICHIGAN PUBLIC SERVICE COMMISSION

ANNUAL REPORT OF ELECTRIC UTILITIES (MAJOR AND NON-MAJOR)

This form is authorized by [1919 PA 419](#), as amended, being [MCL 460.55](#) et seq.; and [1969 PA 306](#), as amended, being [MCL 24.201](#) et seq. Filing of this form is mandatory. Failure to complete and submit this form will place you [violation of state law](#).

Report submitted for year ending: December 31, 2019																				
Present name of respondent: DTE Electric Company																				
Address of principal place of business: One Energy Plaza, Detroit, MI 48226-1279																				
Utility representative to whom inquires regarding this report may be directed: <table><tr><td>Name:</td><td>Mark C. Rolling</td><td>Title:</td><td>Vice President and Controller</td></tr><tr><td>Address:</td><td colspan="3">One Energy Plaza</td></tr><tr><td>City:</td><td>Detroit</td><td>State:</td><td>MI</td></tr><tr><td>Zip:</td><td colspan="3">48226-1279</td></tr><tr><td>Telephone, Including Area Code:</td><td colspan="3">313-235-4000</td></tr></table>	Name:	Mark C. Rolling	Title:	Vice President and Controller	Address:	One Energy Plaza			City:	Detroit	State:	MI	Zip:	48226-1279			Telephone, Including Area Code:	313-235-4000		
Name:	Mark C. Rolling	Title:	Vice President and Controller																	
Address:	One Energy Plaza																			
City:	Detroit	State:	MI																	
Zip:	48226-1279																			
Telephone, Including Area Code:	313-235-4000																			
If the utility name has been changed during the past year: Prior Name: Date of Change:																				
Two copies of the published annual report to stockholders: <table><tr><td>[X]</td><td>were forwarded to the Commission</td></tr><tr><td>[]</td><td>will be forwarded to the Commission</td></tr></table> <u>on or about</u>	[X]	were forwarded to the Commission	[]	will be forwarded to the Commission																
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Annual reports to stockholders: <table><tr><td>[X]</td><td>are published</td></tr><tr><td>[]</td><td>are not published</td></tr></table>	[X]	are published	[]	are not published																
[X]	are published																			
[]	are not published																			

FOR ASSISTANCE IN COMPLETION OF THIS FORM:

Contact the Michigan Public Service Commission (Jennifer Brooks) at
brooks10@michigan.gov OR forward correspondence to:

Michigan Public Service Commission
Regulated Energy Division (Jennifer Brooks)
7109 W Saginaw Hwy
PO Box 30221
Lansing, MI 48909

MPSC FORM P-521

ANNUAL REPORT OF ELECTRIC UTILITIES, LICENSEES AND OTHERS (Major and Nonmajor)

IDENTIFICATION		
01 Exact Legal Name of Respondent DTE Electric Company	02 Year of Report December 31, 2019	
03 Previous Name and Date of Change (if name changed during year)		
04 Address of Principal Business Office at End of Year (Street, City, State, Zip) One Energy Plaza, Detroit, Michigan 48826-1279		
05 Name of Contact Person Mark C. Rolling	06 Title of Contact Person Vice President and Controller	
07 Address of Contact Person (Street, City, State, Zip) One Energy Plaza, Detroit, Michigan 48826-1279		
08 Telephone of Contact Person, Including Area Code: (313) 235-4000	09 This Report is (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	10 Date of Report (Mo, Da, Yr)
ATTESTATION		
The undersigned officer certifies that he/she has examined the accompanying report; that to the best of his/her knowledge, information, and belief, all statements of fact contained in the accompanying report are true and the accompanying report is a correct statement of the business and affairs of the above named respondent in respect to each and every matter set forth therein during the period from and including January 1 and including December 31 of the year of the report.		
01 Name Mark C. Rolling	03 Signature Mark C. Rolling	04 Date Signed (Mo, Da, Yr) April 30, 2020
02 Title Vice President and Controller		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
LIST OF SCHEDULES (Electric Utility)			
1. Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the responses are "none", "not applicable", or "NA".		2. The "M" prefix below denotes those pages where the information requested by the MPSC differs from that requested by FERC. Each of these pages also contains the "M" designation on the page itself.	
Title of Schedule (a)	Reference Page No. (b)	Remarks (c)	
<p style="text-align: center;">GENERAL CORPORATE INFORMATION AND FINANCIAL STATEMENTS</p> <p>General Information 101</p> <p>Control Over Respondent & Other Associated Companies M 102-102v</p> <p>Corporations Controlled by Respondent 103</p> <p>Officers and Employees M 104</p> <p>Directors M 105</p> <p>Security Holders and Voting Powers M 106-107</p> <p>Important Changes During the Year 108-109</p> <p>Comparative Balance Sheet M 110-113</p> <p>Statement of Income for the Year M 114-117</p> <p>Statement of Retained Earnings for the Year M 118-119</p> <p>Statement of Cash Flows 120-121</p> <p>Notes to Financial Statements 122-123</p> <p style="text-align: center;">BALANCE SHEET SUPPORTING SCHEDULES (Assets and Other Debits)</p> <p>Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization, and Depletion 200-201</p> <p>Nuclear Fuel Materials 202-203</p> <p>Electric Plant in Service M 204-211</p> <p>Electric Plant Leased to Others 213</p> <p>Electric Plant Held for Future Use 214</p> <p>Construction Work in Progress - Electric M 216</p> <p>Construction Overheads - Electric 217</p> <p>General Description of Construction Overhead Procedure M 218</p> <p>Accumulated Provision for Depreciation of Electric Utility Plant M 219</p> <p>Nonutility Property M 221</p> <p>Investment in Subsidiary Companies 224-225</p> <p>Material and Supply 227</p> <p>Allowances 228-229</p> <p>Extraordinary Property Losses 230B</p> <p>Unrecovered Plant and Regulatory Study Costs 230B</p> <p>Other Regulatory Assets M 232</p> <p>Miscellaneous Deferred Debits M 233</p> <p>Accumulated Deferred Income Taxes (Account 190) 234A-B</p> <p style="text-align: center;">BALANCE SHEET SUPPORTING SCHEDULES (Liabilities and Credits)</p> <p>Capital Stock 250-251</p> <p>Capital Stock Subscribed, Capital Stock Liability for Conversion Premium on Capital Stock, and Installments Received on Capital Stock 252</p>			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4		
LIST OF SCHEDULES (Electric Utility) (Continued)					
Title of Schedule (a)	Reference Page No. (b)	Remarks (c)			
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LIST OF SCHEDULES (Electric Utility) (Continued)			
Title of Schedule (a)	Reference Page No. (b)	Remarks (c)	
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LIST OF SCHEDULES (Electric Utility) (Continued)			
Title of Schedule (a)	Reference Page No. (b)	Remarks (c)	
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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GENERAL INFORMATION			
<p>1. Provide name and title of officer having custody of the general corporate books of account and address of office where the general corporate books are kept, and address of office where any other corporate books of account are kept, if different from that where the general corporate books are kept.</p> <p>Mark C. Rolling, Vice President and Controller One Energy Plaza Detroit, Michigan 48226-1279</p>			
<p>2. Provide the name of the State under the laws of which respondent is incorporated, and date of incorporation. If incorporated under a special law, give reference to such law. If not incorporated, state that fact and give the type of organization and the date organized.</p> <p>Michigan - April, 26, 1967 - P.A. 1965, no.161, 450.187a</p>			
<p>3. If at any time during the year the property of respondent was held by a receiver or trustee, give (a) name of receiver or trustee, (b) date such receiver or trustee took possession, (c) the authority by which the receivership or trusteeship was created, and (d) date when possession by receiver or trustee ceased.</p> <p>Not applicable</p>			
<p>4. State the classes or utility and other services furnished by respondent during the year in each State in which the respondent operated.</p> <p>Generation, purchase, distribution, and sale of electricity all within the state of Michigan.</p>			
<p>5. Have you engaged as the principal accountant to audit your financial statements an accountant who is not the principal accountant for your previous year's certified financial statements?</p> <p>(1) <input type="checkbox"/> Yes...Enter the date when such independent accountant was initially engaged: (2) <input checked="" type="checkbox"/> No</p>			

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

CONTROL OVER RESPONDENT & OTHER ASSOCIATED COMPANIES

1. If any corporation, business trust, or similar organization or combination of such organization jointly held control over respondent at the end of year, state name of controlling corporation or organization, manner in which control was held, and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of the trust.
2. List any entities which respondent did not control either directly or indirectly and which did not control respondent, but which were associated companies at any time during the year.

On January 1, 1996 DTE Energy Company became the parent company of the respondent.

On September 17, 2019, Membership interest of DTE Electric Company was transferred to DTE Electric Holdings, LLC, the newly established parent of DTE Electric Company. DTE Energy Company is the parent of DTE Electric Holdings, LLC.

The attached pages **102a - 102s** detail DTE Energy Company holdings including chain of ownership and control.

I. NATURE OF BUSINESS OF CLAIMANTS AND EVERY SUBSIDIARY THEREOF

Claimant: DTE Energy Company

DTE Energy Company (Company or DTE) is a Michigan corporation. DTE owns, directly and indirectly, three utilities; DTE Electric Company (DTE Electric), DTE Gas Company (DTE Gas), and Citizens Gas Fuel Company (Citizens), and non-regulated subsidiaries engaged in energy marketing and trading, energy services, and various other electricity, coal and gas related businesses. The Company's address is One Energy Plaza, Detroit, Michigan 48226-1279.

Claimant: DTE Enterprises, Inc.

DTE Enterprises, Inc. (DTEE) owns, directly and indirectly, two utilities, DTE Gas and Citizens, and non-regulated subsidiaries primarily involved in natural gas production, gathering, processing, transmission, storage, distribution and marketing in the Midwest-to-Northeast corridor. DTEE is organized under the laws of the state of Michigan and has its principal executive offices at One Energy Plaza, Detroit, Michigan 48226-1279.

Claimant: DTE Gas Holdings, Inc.

DTE Gas Holdings, Inc., (Gas Holdings) is the holding company for DTE Gas Company and DTE Gas Services Company (Gas Services). Gas Holdings is organized under the laws of the state of Michigan and has its principal executive offices located at One Energy Plaza, Detroit, Michigan 48226-1279.

1. DTE Energy Company

- A. DTE Energy Corporate Services, LLC (Corporate Services) is a Michigan limited liability company. Corporate Services is a wholly owned subsidiary of DTE Energy Company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Corporate Services provides functional support to the DTE Energy enterprise.
- B. DTE Energy Resources, LLC (DTE ER) is a Delaware limited liability company. DTE ER is a wholly owned subsidiary of the Company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE ER is engaged in energy services, electric generation, electric and gas marketing and trading and landfill gas projects. DTE ER is also conducting business under the assumed name of DTE Power and Industrial Group.
 - 1) DTE Biomass Energy, Inc., (DTE Biomass) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Biomass is a wholly owned subsidiary of DTE ER and is engaged in landfill and renewable natural gas projects
 - a) Adrian Energy Associates, LLC (Adrian Energy) is a Michigan limited liability company with offices at 29261 Wall Street, Wixom, Michigan 48393. Adrian Energy is a 50% owned subsidiary of DTE Biomass and is engaged in the production of electricity from landfill gas.
 - b) Bellefontaine Gas Producers, L.L.C. (Bellefontaine Gas) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Bellefontaine Gas is a 50% owned subsidiary of DTE Biomass and is an inactive company.
 - c) Blue Water Renewables, Inc. (Blue Water) is a Michigan corporation with offices located at 414 S. Main, Ann Arbor, Michigan 48104 is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
 - d) Davidson Gas Producers, LLC (Davidson) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Davidson is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
 - e) Denton Power, LLC (Denton) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Denton is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.

- f) DTE Methane Resources, L.L.C. (DTE Methane) is a Michigan limited liability company with offices at 425 S. Main St., Ann Arbor, Michigan 48104. DTE Methane is a wholly owned subsidiary, 50% by DTE Biomass and 50% by DTE Coal Services and is an inactive company.
- g) DTE RENEWABLE HOLDINGS, LLC (DTERH) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. DTERH is wholly owned subsidiary of DTE Biomass Energy, Inc. and is a holding company for renewable natural gas projects.
 - 1. CALUMET RENEWABLE ENERGY, LLC (CALUMET) is a Delaware limited liability company with offices at 414 S. Main St. Ann Arbor, Michigan 48104. CALUMET is a **wholly owned** subsidiary by DTERH and is engaged in renewable natural gas project.
 - 2. DANE RENEWABLE ENERGY, LLC (Dane) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Dane is a **wholly owned subsidiary owned** by DTERH and holds ownership of a renewable natural gas project.
 - 3. **KEWAUNEE RENEWABLE, LLC is a Delaware limited liability company with offices at 414 S. Main St. Ann Arbor, Michigan 48104. Kewaunee is owned 99% by DTERHC and maintains and operates a renewable natural gas project in Wisconsin. (NEW FORMATION 04/02/2019)**
 - 4. NEW CHESTER RENEWABLE ENERGY, LLC (Chester) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Chester is a wholly owned subsidiary of DTERH and maintains and operates renewable natural gas project in Wisconsin.
 - 5. Rosendale Renewable Energy, LLC (Rosendale) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Rosendale is a wholly owned subsidiary of DTERHC and owns and operates a renewable natural gas facility.
- h) Enerdyne LTD, LLC, is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Enerdyne LTD is a wholly owned subsidiary of DTE Biomass and owns 100% of Eagle Hill Renewable Energy, LLC.
 - 1. Eagle Hill Renewable Energy, LLC (Eagle Hill) is a Virginia limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Eagle Hill is wholly owned by Enerdyne LTD, LLC and is an inactive company.
- i) Enerdyne TEN, LLC is a Virginia limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Enerdyne TEN, LLC is 75.5% owned by DTE Biomass and owns King George Gas Producers, LLC.
 - 1. King George Gas Producers, LLC (King George) is a Virginia limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. King George is wholly owned by Enerdyne TEN, LLC and is an inactive company.
- j) Fayetteville Gas Producers, L.L.C. (Fayetteville) is a North Carolina limited liability company with offices located at 414 S. Main, Ann Arbor, Michigan, 48104. Fayetteville is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- k) Fort Bend Power Producer, LLC (Fort Bend) is a Delaware limited liability company with offices located at 425 S. Main, Ann Arbor, Michigan 48104. Fort Bend is wholly owned by DTE Biomass and is engaged in a landfill gas to energy project.

- l) Iredell Transmission, LLC (Iredell Trans) is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Iredell is wholly owned by DTE Biomass and is engaged in landfill gas projects.
- m) Kiefer Landfill Generating II, LLC (Kiefer) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Kiefer is a 10% owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- n) Oklahoma Gas Producers, L.L.C. (Oklahoma) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Oklahoma is a wholly owned subsidiary of DTE Biomass and is an inactive company.
- o) Phoenix Gas Producers, L.L.C. (Phoenix) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Phoenix is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- p) Pinnacle Gas Producers, L.L.C. (Pinnacle) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Pinnacle is a wholly owned subsidiary of DTE Biomass and is engaged in a landfill gas-to-energy project.
- q) Potrero Hills Energy Producers, LLC (Potrero) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Potrero is a 50% owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- r) Raleigh Steam Producers, LLC (Raleigh) is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Raleigh is a wholly owned subsidiary of DTE Biomass and is an inactive company.
- s) RES Power, Inc. (RESP) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. RESP is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects. It owns 50% of Riverview Energy Systems.
 - 1. Riverview Energy Systems (Riverview) is a Michigan partnership with offices at 29261 Wall Street, Wixom, Michigan 48393. Riverview is a 50% owned subsidiary of RESP and is engaged in the production of electricity from landfill gas.
- t) Riverview Gas Producers, Inc. (RPG) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. RPG is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- u) Salem Energy Systems, LLC (Salem) is a North Carolina limited liability company with offices at 29261 Wall Street, Wixom, Michigan 48393. Salem is 50% owned by DTE Biomass and is engaged in the production of electricity from landfill gas.
- v) Salt Lake Energy Systems, L.L.C. (Salt Lake) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Salt Lake is a 50% owned subsidiary of DTE Biomass and is engaged in a landfill gas-to-energy project.
- w) Seabreeze Energy Producers, LLC (SEP) is a Texas limited liability company with offices at 425 S. Main, Ann Arbor, Michigan 48104. SEP is wholly owned subsidiary of DTE Biomass and is engaged in a landfill gas to energy project.
- x) Sunshine Gas Producers, LLC (Sunshine) is a Michigan limited liability company with offices at 425 S. Main, Ann Arbor, Michigan 48104. Sunshine Gas is a 50% owned subsidiary of DTE Biomass and is engaged in landfill gas projects.

- y) Uwharrie Mountain Renewable Energy, LLC (Uwharrie) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48014. Uwharrie is a wholly owned subsidiary of DTE Biomass and is a landfill gas facility.
 - z) Wake Gas Producers, L.L.C. (Wake) is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Wake is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
 - aa) Westside Gas Producers, L.L.C. (Westside) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Westside is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- 2) DTE Coal Services, Inc., (DTE Coal) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Coal is a wholly owned subsidiary of DTE ER and is an inactive company.
- a) DTE Chicago Fuels Terminal, LLC (Chicago Fuels) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. This company is a wholly owned subsidiary of DTE Coal and is an inactive company.
 - b) DTE Peptec, Inc., (DTE Peptec) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Peptec is a wholly owned subsidiary of DTE Coal and is an inactive company.
 - 1. Peptec, Inc. (Peptec) is a Pennsylvania corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. Peptec is a wholly owned subsidiary of DTE Peptec and is an inactive company.
 - c) **Omni Coal Group, LLC (Omni)** is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Omni is wholly owned by DTE Coal and is an inactive company. **(DISSOLVED 02/14/2019)**
- 3) DTE Energy Services, Inc. (DTE ES) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE ES is a wholly owned subsidiary of DTE ER and is engaged in energy services activities.
- a) Delta Township Utilities II, LLC (Utilities II) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Utilities II is owned 56% by DTE ES. It provides utility services to an automobile manufacturing facility in Lansing, Michigan.
 - b) DTE Backup Generation Equipment Leasing, L.L.C. (Backup Generation Equipment Leasing) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Backup Generation Equipment Leasing is a wholly owned subsidiary of DTE ES and is engaged in the equipment leasing business.
 - c) DTE Coke Holdings, LLC (Coke Holdings) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Coke Holdings is a wholly owned subsidiary of DTE ES and is a holding company.
 - 1. DTE Coke Operations, LLC (DTE Coke) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Coke is a wholly owned subsidiary of DTE Coke Holdings, LLC and is involved in the operation and maintenance of coke battery facilities.
 - 2. DTE Gary LLC (Gary) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Gary is a wholly owned subsidiary of DTE Coke Holdings, LLC and is an inactive company.

3. **DTE LAKE ERIE GENERATION, INC. is a British Columbia Corporation with offices at 510 West George Street, Suite 1800, Vancouver, BC V6B 0M3. DTE Lake Erie Generation, Inc is wholly owned by DTE Coke Holdings, LLC and is a project entity for a potential onsite energy project. (NEW FORMATION 08/28/2019)**
 4. DTE PCI Enterprises Company, LLC (DTE PCI) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE PCI is a wholly owned subsidiary of DTE Coke Holdings, LLC and operates a pulverized coal facility.
 5. EES Coke Battery, L.L.C. (EES) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. EES is wholly owned by DTE Coke Holdings, LLC and is engaged in coke supply and coke battery operations.
 6. Shenango LLC (Shenango) is a Pennsylvania corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. Shenango is a wholly owned subsidiary of Coke Holdings and is an inactive company.
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- d) DTE Energy Center Operations, LLC (DTE Energy Cent Oper) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Energy Cent Oper is a wholly owned subsidiary of DTE ES and is involved in the operation of Energy Center.
 - e) DTE ES Holdings No. 1, LLC (ES Holdings) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. ES Holdings is a wholly owned subsidiary of DTE ES and is a holding company.
 - f) DTE ES Operations, LLC (ES Oper) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. ES Oper is a wholly owned subsidiary of DTE ES and is engaged in the operation and maintenance of electric generation facilities.
 - g) DTE Mobile Operations, LLC (DTE Mobile) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Mobile is a wholly owned subsidiary of DTE ES and is an inactive company.
 - h) DTE On-Site Energy, LLC (On-Site) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. DTE On-Site is a wholly owned subsidiary of DTE ES and is involved in on-site energy projects.
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1. Delta Township Utilities, LLC (Delta Township) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Delta Township is wholly owned by On-Site. It operates and maintains a facility that provides a primary switch house and associated equipment, electrical distribution and unit substations, etc. for a metal stamping facility in Lansing, Michigan.
 2. DTE Ashtabula, LLC (Ashtabula) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Ashtabula is wholly owned by On-Site. It operates five Co-Generation units that provide steam, electricity, boiler feed water and compressed air to a facility in Ashtabula Ohio.
 3. **DTE Atlantic, LLC is a Delaware limited liability company with offices at 414 South Main Street Suite 600, Ann Arbor, Michigan 48104. DTE Atlantic, LLC is a wholly owned subsidiary of DTE On-site Energy, LLC and operates and maintains a cogeneration project in Atlantic City, New Jersey. (NEW FORMATION 05/13/2019)**
 4. DTE Calvert City, LLC (DTE Calvert) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Calvert is a wholly owned subsidiary of On-Site and provides energy related services.

5. DTE Dearborn, LLC (Dearborn) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Dearborn is a wholly owned subsidiary of On-Site and is engaged in the operation of a compressed air facility.
6. DTE Dearborn CEP, LLC, (CEP) is a Delaware limited liability company with offices at 414 South Main Street, Ann Arbor, Michigan 48104. CEP is a wholly owned subsidiary of On-Site and is involved in construction, operation and ownership of an energy infrastructure at the Ford Research and Engineering Campus in Dearborn, Michigan.
7. **DTE Defiance, LLC**, (Defiance) is an Ohio limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Defiance is a wholly owned subsidiary of On-Site and is engaged in the operation of a compressed air facility. **(DISSOLVED 11/18/2018)**
8. DTE Heritage, LLC (DTE Heritage) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Heritage is a wholly owned subsidiary of On-Site and is engaged in the ownership and operation of an internal electric distribution system of electricity.
9. DTE Indiana Harbor Holdings, LLC (DTE Indiana Harbor) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Indiana Harbor is a wholly owned subsidiary of On-Site. DTE Indiana Harbor owns 14.8% of Indiana Harbor Coke Company L.P.
 - a. Indiana Harbor Coke Company L.P., (Indiana Harbor Coke Company) is a Delaware limited partnership with offices at 414 S. Main, Ann Arbor, Michigan 48104. Indiana Harbor Coke Company is 14.8% owned by DTE Indiana Harbor and operates a coke battery facility.
10. DTE Lansing, LLC (Lansing) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. It is wholly owned by On-Site and it operates and maintains a Central Utilities Complex (CUC) providing utility services to 3 buildings at the Grand River Assembly Facility. Lansing owns 80% of Utility Services of Lansing, LLC.
 - a. Utility Services of Lansing, LLC (Utility Services) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Utility Services is owned 80% by Lansing and provides utility services to a facility in Lansing, Michigan.
11. DTE Lordstown, LLC (Lordstown) is an Ohio limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Lordstown is a wholly owned subsidiary of On-Site and is an inactive company.
12. DTE Marietta, LLC (Marietta) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. It is a wholly owned subsidiary of On-Site and holds project contracts to provide energy related services.
13. DTE Northwind, LLC, (Northwind) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Northwind is a wholly owned subsidiary of On-Site and operates a chilled water plant.
14. DTE Philadelphia, LLC (Philadelphia) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Philadelphia is a wholly owned subsidiary of On-Site. It operates and maintains the electric distribution, heat and non-potable water systems for the Philadelphia Authority for Industrial Development.

15. DTE Pittsburgh, LLC (Pittsburgh) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Pittsburgh is a wholly owned subsidiary of On-Site and provides energy related services.
16. DTE Pontiac North, LLC (Pontiac) is a Michigan limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Pontiac is a wholly owned subsidiary of On-Site and is an inactive company.
17. **DTE RUSSELL STREET, LLC is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. It is a wholly owned subsidiary of On-Site and provides certain utilities back up electricity and related services in Detroit, Michigan (NEW FORMATION 07/08/2019)**
18. DTE SAN DIEGO COGEN, INC. (San Diego Cogen) is a Delaware corporation with offices at 414 S. Main, Ann Arbor, Michigan, 48104. San Diego Cogen is a wholly owned subsidiary of On-Site and operates and maintains a cogeneration facility in San Diego California.
19. DTE Sparrows Point, L.L.C., (Sparrows Point) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Sparrows Point is a wholly owned subsidiary of On-Site and is an inactive company.
20. DTE St. Bernard, LLC (St. Bernard) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. St. Bernard is a wholly owned subsidiary of On-Site. It provides steam, electricity, high density liquid processing, water, sewer, fuel and coal services to a facility in Cincinnati.
21. DTE St. Paul, LLC (St. Paul) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. St. Paul is a wholly owned subsidiary of On-Site. It is part of a joint venture providing electricity from wood waste to biomass to Northern States Power Company. It owns 50% of St. Paul Cogeneration, LLC and 50% of Environmental Wood Supply, LLC.)
 - a. St. Paul Cogeneration, LLC (St. Paul Cogen) is a Minnesota limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. It is 50% owned by St. Paul. It provides electricity and heat through a wood-fired combined heat and power plant to a state government complex.
 - b. Environmental Wood Supply, LLC (Environmental Wood) is a Minnesota limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. It is 50% owned by St. Paul. It provides electricity and heat through a wood-fired combined heat and power plant to Northern States Power Company.
22. DTE Tonawanda, LLC (Tonawanda) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Tonawanda is a wholly owned subsidiary of On-Site and is engaged in wastewater treatment and supply of chilled water.
23. DTE Utility Service Holdings, LLC (Utility Serv) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Utility Serv is a wholly owned subsidiary of On-Site and is a holding company. Utility Services owns 50% of DTE Energy Center, LLC.
 - a. DTE Energy Center, LLC (Energy Center) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Energy Center is 50% owned by Utility Serv and is involved in providing utility and energy conservation services.

24. Energy Equipment Leasing, LLC (Energy Equipment) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Energy Equipment Leasing is a wholly owned subsidiary of On-Site and leases boiler and turning equipment to a facility near Baltimore, Maryland and cogeneration equipment to a facility in Ashtabula, Ohio.
 25. Metro Energy, LLC (Metro) is a Michigan limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Metro Energy, LLC is a wholly owned subsidiary of On-Site and provides energy related service.
- i) DTE PetCoke, LLC (Pet Coke) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Pet Coke is wholly owned subsidiary of DTE ES and is engaged in the supply of petroleum coke.
 - j) DTE Pulp & Paper Holdings, LLC (DTE Pulp) is a limited liability Delaware company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. DTE Pulp is a wholly owned subsidiary of DTE ES and is a holding company. DTE Pulp owns 50% of MESC Capital, LLC
1. MESC Capital, LLC (MESC Cap) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. MESC Cap is 50% owned by DTE Pulp and is involved in financing and investing activities. MESC Cap owns Mobile Energy Services Company, LLC.
 - a. Mobile Energy Services Company, LLC (Mobile Energy) is an Alabama limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mobile Energy is a wholly owned subsidiary of MESC Cap and is an inactive company.
 - k) DTE REF Holdings, LLC (DTE REF) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is a wholly owned subsidiary of DTE ES and is a holding company.
 1. Belle River Fuels Holdings, LLC (Belle River Fuels) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Belle River Fuels is owned 1% by DTE REF and 99% by DTE ES. Belle River Fuels owns 100% of Belle River Fuels Company, LLC.
 - a. Belle River Fuels Company, LLC (Belle River) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Belle River is a wholly owned subsidiary of Belle River Fuels and it owns and operates a facility to produce refined coal.
 2. DTE REF Holdings II, LLC (REF Holdings II) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by DTE REF and is a holding company.
 - a. Arbor Fuels Company, LLC (Arbor) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Arbor is wholly owned by REF Holdings II, LLC and operates a refined emissions fuel facility.
 - b. Canton Fuels Company, LLC (Canton) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Canton is wholly owned by REF Holdings II and it operates a refined emissions fuel facility.
 - c. ERIE FUELS COMPANY, LLC is a Delaware Limited Liability Company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. ERIE FUELS COMPANY, LLC is owned 1% by REF Holdings II, LLC and is the lessee of a reduced emissions fuel facility

- d. Huron Fuels Company LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is owned 45% by DTE REF Holdings II, LLC and leases a refined emissions fuel facility from Belle River.
 - e. NEWTON RC, LLC (Newton) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is owned 1% by REF Holdings II, LLC and operates a refined emissions fuel facility at Newton Power Station located in Newton Illinois. **(DISSOLVED 04/16/2019)**
 - f. Ontario Fuels Company is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by REF Holdings II, LLC and owns a refined coal facility and produces refined coal for sale.
 - g. Portage Fuel Company, LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by DTE REF Holdings II, LLC and leases and operates a reduced emissions fuel facility at the Columbia Power Plant owned by Alliant Energy.
 - h. Shawnee SL, LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is a wholly owned by REF Holdings II, LLC and is a holds sublicense to certain reduced emissions fuel technology.
 - i. **SUPERIOR FUELS COMPANY 1, LLC** is a Delaware limited liability company and with offices at 414 South Main St. Ann Arbor, Michigan 48104 it is owned **10%** by REF Holdings II, LLC and is involved in the production of a lease agreement with an REF facility (Arbor Fuels Company) to produce reduced emissions fuels. **(DISSOLVED 12/23/2019)**
3. DTE REF Management Company, LLC, is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by DTE REF and is a holding company for the management of a refined coal facility.
 4. Jasper Fuels Company, LLC, (Jasper), is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Jasper is a wholly owned subsidiary of DTE REF. Jasper owns and operates a facility to produce refined coal.
 5. Kenosha Fuels Company, LLC (Kenosha) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Kenosha is a wholly owned subsidiary of DTE REF. Kenosha owns and operates a facility to produce refined coal.
 6. Mansfield Technology, LLC (Mansfield) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mansfield Technology is owned 32% by DTE REF Holdings, LLC and licenses certain coal modification technology.
 7. Monroe Fuels Company, LLC (Monroe) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Monroe is 1% owned by DTE REF. It owns and operates a facility to produce refined coal.
 8. REF HOLDINGS III, LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. REF Holdings III, LLC is 1% owned by DTE REF, it is a holding company.
 - a. Chouteau Fuels Company, LLC (Chouteau) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Chouteau is wholly owned by REF Holdings III; LLC and it operates a refined emissions fuel facility.

- b. EROC Fuels, Company, LLC (EROC) and is a Delaware limited liability Company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by REF Holdings III, LLC and operates of refined emissions fuel facility at a facility in Wisconsin.
 - c. Gallia Fuels Company, LLC, (Gallia), is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Gallia is a wholly owned subsidiary of REF Holdings III, LLC and operates a refined emissions fuel production line.
- 9. St. Clair Fuels Company, LLC (St. Clair Fuels) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. St. Clair Fuels is 1% owned DTE REF. St. Clair Fuels owns and operates a facility to produce refined coal.
- l) DTE Stoneman, LLC (Stoneman) is a Wisconsin limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Stoneman is a wholly owned subsidiary of DTE ES and is an inactive company.
- m) DTE Tuscola, LLC (Tuscola) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Tuscola is a wholly owned subsidiary of DTE ES. It is involved in the operation and maintenance of steam and power generation equipment at a facility in Tuscola, Illinois.
- n) DTE Woodland, LLC (Woodland) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Woodland is a wholly owned subsidiary of DTE ES and is engaged in biomass energy projects. Woodland owns:
 - 1. DTE Mt. Poso, LLC (Mt. Poso) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mt. Poso is a wholly owned subsidiary of Woodland and owns 50% of Mt. Poso Cogeneration Company, LLC
 - a. Mt. Poso Cogeneration Company, LLC (Mt. Poso Cogen) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mt. Poso Cogen is owned 50 % by Mt. Poso. Mt. Poso Cogen owns and operates a biomass energy facility and oil field.
 - 2. DTE Stockton, LLC (Stockton) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Stockton is a wholly owned subsidiary of Woodland and owns and operates a Biomass facility.
 - 3. Woodland Biomass Power LLC (WBP) is a California limited liability company in which Woodland is the sole member, with offices at 414 S. Main, Ann Arbor, Michigan 48104. This company is a wholly owned subsidiary of Woodland and owns and operates a biomass energy facility.
- 4) DTE Energy Trading, Inc. (DTE Energy Trading) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Energy Trading is a wholly owned subsidiary of DTE ER. DTE Energy Trading is engaged in wholesale and retail energy marketing. DTE Energy Trading owns DTE Energy Supply, Inc.
 - a) DTE Energy Supply, Inc. (Energy Supply) is a Michigan Corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. Energy Supply is a wholly owned subsidiary of DTE Energy Trading and is engaged in providing retail energy services.
- 5) DTE Generation, Inc. (DTE Generation) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan, 48104. DTE Generation is a wholly owned subsidiary of DTE ER and is a holding company. DTE Generation owns DTE River Rouge, No. 1, LLC.

- a) DTE River Rouge, No. 1, LLC (DTE River) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. DTE River is a wholly owned subsidiary of DTE Generation and is involved in a project at River Rouge Power Plant.
- C. DTE Energy Trust III (DTE III) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE III may offer from time to time trust preferred securities.
- D. DTE Energy Ventures, Inc. (DTE Ventures) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Ventures is a wholly owned subsidiary of DTE and is engaged in business development. DTE Energy Ventures, Inc. owns DTE Solar Company of California.
 - 1) DTE Solar Company of California (Solar) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Solar is a wholly owned subsidiary of DTE Ventures. Solar is engaged in solar photovoltaic leasing.
 - 2) Insight Energy Venture, LLC is a Michigan limited liability company with offices at The Corporation Company, 30600 Telegraph Rd, Suite 2345, Bingham Farms, Michigan 48025. Insight Energy Venture, LLC is owned 43% by DTE Energy Ventures, Inc. and 35% by Vectorform (non DTE entity). This company was formed for development, marketing, sale and delivery of energy management software, mobile applications and hardware technologies to the Utility Industry.
 - 3) Renaissance Venture Capital Fund I, L.P. is a Limited Partnership company with offices at 600 Renaissance Center, Suite 1760 Detroit, Michigan 48243. Renaissance Venture Capital Fund I, L.P. is owned 22% by DTE Energy Ventures, Inc. DTE Energy Ventures, Inc. holds subscription agreement with this company for limited partnership interest. Fund I is a venture capital fund of funds.
 - 4) Renaissance Venture Capital Fund 11, L.P. is a Limited Partnership company with offices at 201 S. Main Street Suite 1000 Ann Arbor, Michigan 48104. Renaissance Venture Capital Fund 11, L.P. is owned 12.7% by DTE Energy Ventures, Inc. Fund II is a venture capital fund of funds.
 - 5) Renaissance Venture Capital Fund III, L.P. is a Limited Partnership Company with offices at 201 S. Main, Ann Arbor, Michigan 48104. Renaissance Venture Capital Fund III, L.P. is owned 12.7% by DTE Energy Ventures, Inc.
- E. DTE Enterprises, Inc. (DTEE) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Except where otherwise indicated, DTEE owns, directly or indirectly, all the outstanding common stock of DTE Gas Holdings, Inc., Citizens Gas Fuel Company (Citizens), and DTE Gas Enterprises, LLC (Gas Enterprises).
 - 1) Citizens Gas Fuel Company (Citizens) is a Michigan corporation, is a public utility engaged in the distribution of natural gas in Michigan. Citizens' principal executive offices are located at 127 N. Main Street, Adrian, Michigan 49221. Citizens is a wholly owned subsidiary of DTEE.
 - 2) DTE Gas Holdings, Inc., a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279, is the holding company for DTE Gas Company, a Michigan corporation, and DTE Gas Services Company.
 - a) DTE Gas Services Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It markets natural gas as a vehicular fuel and markets energy to residential and commercial customers through a transportation brokerage pilot program. DTE Gas Services Company became inactive in 2001. DTE Gas Services Company is a wholly owned subsidiary of DTE Gas Holdings, Inc.

- b) DTE Gas Company (DTE Gas) is a public utility engaged in the distribution and transmission of natural gas in the state of Michigan. DTE Gas's principal executive offices are located at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Gas conducts substantially all its business in the state of Michigan and is subject to the jurisdiction of the Michigan Public Service Commission as to various phases of its operations, including gas sales rates, service, and accounting.
 - 1. Blue Lake Holdings, Inc. (Blue Lake) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Blue Lake Holdings, Inc. is a wholly owned subsidiary of DTE Gas. It holds a 25% interest in Blue Lake Gas Storage Company.
 - a. Blue Lake Gas Storage Company is a partnership that has converted a depleted natural gas field in northern Michigan into a 46 billion cubic feet (Bcf) natural gas storage field, which it operates.
- 3) DTE Gas Enterprises, LLC (DTEGS) is the holding company for DTE's various diversified energy subsidiaries. DTEGS, through its subsidiaries and joint ventures, provides gathering, processing and transmission services; engages in energy marketing activities and storage services; engages in gas and oil exploration, development and production; and is involved in other energy-related businesses. Except where otherwise indicated, the companies set forth below are wholly owned subsidiaries of DTEGS.
 - a) DTE Gas Storage Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It engages in the storage of natural gas and is wholly owned by DTEGS.
 - 1. Shelby Storage, L.L.C. is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is used to procure storage, mineral and load rights for a storage field. Shelby Storage, L.L.C. is wholly owned by DTE Gas Storage Company.
 - 2. South Romeo Gas Storage Company, L.L.C. (South Romeo) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is owned 50% by DTE Gas Storage Company. South Romeo holds a 33.3% interest in South Romeo Gas Storage Corporation.
 - a. South Romeo Gas Storage Corporation is a Michigan corporation which was formed to facilitate the development of the Washington 28 storage field. It is owned 33.3% by South Romeo Gas Storage Company, L.L.C. and 33.3% by DTE Gas Storage Company.
 - 3. Washington 10 Storage Corporation is a Michigan corporation with offices at One Energy Plaza, Detroit Michigan 48226-1279. It is wholly owned by DTE Gas Storage Company and has entered a Participation Agreement dated June 1997 with respect to the construction and leveraged lease financing of a natural gas storage facility located in Macomb County, Michigan
 - 4. Washington Resources, LLC is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279; it is wholly owned by DTE Gas Storage Company.
 - b) DTE Pipeline Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns interests in pipeline and processing projects directly and through the following subsidiaries and partnerships. It is wholly owned by DTE Gas Enterprises, LLC.
 - 1. Bluestone Gas Corporation of New York, Inc. is a New York corporation with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Pipeline Company and it is engaged in natural gas gathering services.
 - 2. Bluestone Pipeline Company of Pennsylvania, LLC (Bluestone Pipeline) is a Pennsylvania company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Pipeline Company and it is engaged in natural gas gathering services.

- a. Susquehanna Gathering Company I, LLC (Susquehanna) is a Pennsylvania company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of Bluestone Pipeline and is engaged in natural gas gathering services.
3. DTE Appalachia Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. DTE Appalachia Holdings, LLC is wholly owned by DTE Pipeline Company and owns and operates AGS and SGG Gas gathering projects and related assets. It owns 100% of M3 Appalachia Operating, LLC, and DTE Series B Holdings, LLC.
 - a. M3 Appalachia Operating, LLC is a Delaware Series Limited Liability Company with offices at One Energy Plaza Detroit, Michigan 48226. It is wholly owned by DTE Appalachia Holdings, LLC. This is not an operating company and consists of one series (which function as separate entities), Series B of M3 Appalachia Operating, LLC which owns and operates the Stone Gas Gathering System.
 - b. DTE Appalachia Gathering, LLC is a Delaware Limited Liability Company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Appalachia Holdings, LLC and it owns and operates the Appalachia Gathering System gathering assets.
 - c. DTE Series B Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. DTE Series B Holdings, LLC is wholly owned by DTE Appalachia Holdings, LLC, and owns **85%** of Series B of M3 Appalachia Operating, LLC, which operates the SGG gas gathering projects and related assets.
 - i. Series B of M3 Appalachia Operating, LLC is a series limited liability company LC with offices at One Energy Plaza Detroit, Michigan 48226. It is owned **85%** by DTE Series B Holdings, LLC, and DTE Appalachia Holdings, LLC is the managing member.
 - i. Stonewall Gas Holdings; LLC is a Delaware Limited Liability Company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by M3 Appalachia Operating, LLC. It owns 100% of the equity of Stonewall Gas Gathering, LLC.
 - ii. Stonewall Gas Gathering, LLC is a Delaware series Limited Liability Company with offices at One Energy Plaza, Detroit, Michigan 48226 it is wholly owned by Stonewall Gas Holdings, LLC and it owns and operates the Stone Gas Gathering assets.
4. DTE Dawn Gateway Canada Inc. is a Canadian corporation with offices at 44 Chipman Hill, Suite 1000 Saint John, New Brunswick, E2L 2A9. DTE Dawn Gateway Canada Inc. is a wholly owned subsidiary of DTE Pipeline Company and it owns 50% of General Partnership of Canadian-side of joint venture.
5. **DTE Louisiana Midstream Holdings 1, LLC is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Pipeline Company and holds a 99% interest in DTE Louisiana Midstream, LLC (NEW FORMATION 11/06/2019)**
6. **DTE Louisiana Midstream Holdings 2, LLC is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Pipeline Company and holds a 1% interest in DTE Louisiana Midstream, LLC (NEW FORMATION 11/07/2019)**

- a. **DTE Louisiana Midstream, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. DTE Louisiana Midstream, LLC is owned 99% by DTE Louisiana Midstream Holdings 1, LLC and 1% of by DTE Louisiana Midstream Holdings 2, LLC, it is engaged in acquisition of new gathering system. (NEW FORMATION 09/30/2019).**
 - i. **DTE Louisiana Gathering, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Louisiana Midstream, LLC, it is engaged in gas gathering and related services. (NEW ACQUISITION/FORMATION 12/05/2019 – NAME CHANGE FROM M5 LOUISIANA GATHERING, LLC 12/05/2019)**
 - i. **DTE Gen6 Proppants, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Louisiana Gathering, LLC and is engaged in gas gathering and related services. (NEW ACQUISITION/FORMATION 12/05/2019 – NAME CHANGE FROM Gen6 Proppants, LLC 12/05/2019)**
 - ii. **DTE LEAP Gas Gathering, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Louisiana Gathering, LLC and is engaged in gas gathering and related services. (NEW ACQUISITION/FORMATION 12/05/2019 – NAME CHANGE FROM LEAP Gas Gathering, LLC 12/05/2019)**
 - iii. **DTE Specialized Water Service, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Louisiana Gathering, LLC and is engaged in gas gathering and related services. (NEW ACQUISITION/FORMATION 12/05/2019 – NAME CHANGE FROM M5 Specialized Water Services, LLC 12/05/2019)**
- 7. **DTE Michigan Gathering Holding Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Michigan Gathering Holding Company is wholly owned by DTE Pipeline Company. Through the subsidiaries below, it is engaged in pipeline and gathering projects in Michigan.**
 - a. **CVB Pipeline, LLC is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns and operates a gas pipeline. It is owned 99% by DTE Michigan Gathering Holding Company.**
 - b. **DTE Michigan Gathering Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns and operates the Antrim Expansion Pipeline. It is wholly owned by DTE Michigan Gathering Holding Company.**
 - c. **DTE Michigan Lateral Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns and operates a 210-mile pipeline and 325 miles of gathering lines in northern Michigan. It is wholly owned by DTE Michigan Gathering Holding Company and owns 51% of Hayes Otsego Pipeline, LLC.**
 - i. **Hayes Otsego Pipeline, LLC (Hayes Otsego) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is owned 51% by DTE Michigan Lateral Company. It is engaged in pipeline and gathering projects.**

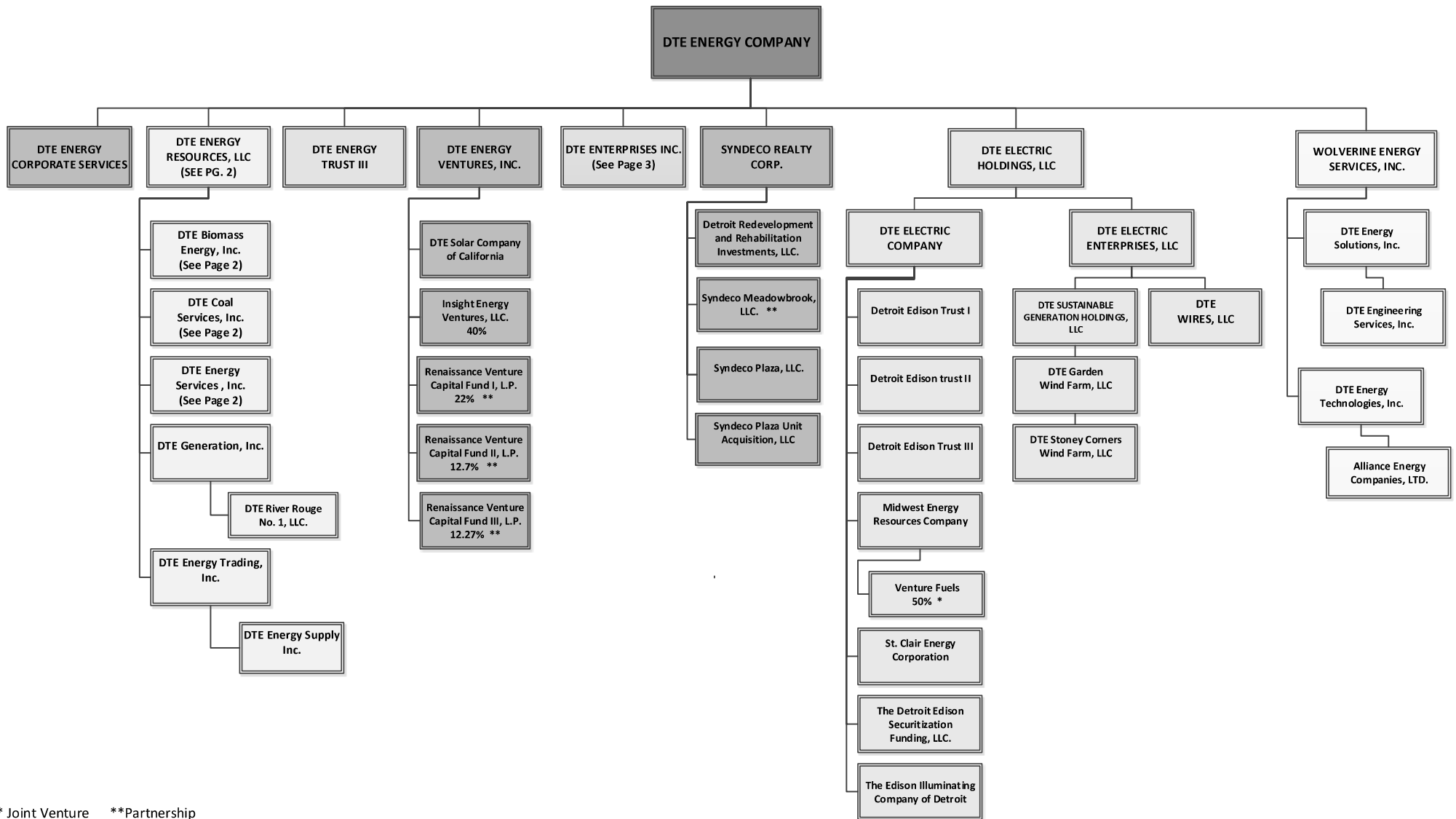
- d. Saginaw Bay Pipeline Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It currently owns and operates a 68-mile pipeline that transports natural gas and natural gas liquids from reserves in east-central Michigan to natural gas processing plants in northern Michigan. It is wholly owned by DTE Michigan Gathering Holding Company.
- 8. **DTE MIDSTREAM, LLC** is a Michigan limited liability company with offices in Pennsylvania. It is wholly owned by DTE Pipeline Company and is a developer of gas storage and pipeline projects. **(NAME CHANGE DTE Birdsboro Pipeline, LLC to DTE MIDSTREAM, LLC 03/11/2019)**
- 9. DTE MIDSTREAM APPALACHIA, LLC is a Michigan limited liability company with offices at One Energy Plaza Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company. The company was formed to own and operate gas gathering projects and supply laterals.
- 10. DTE Ohio Midstream, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, MI 48226. It is wholly owned by DTE Pipeline Company and was formed to hold Oregon Energy Center lateral project.
- 11. DTE Millennium Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It owns a 26.25% interest in Millennium Pipeline Company, L.L.C.
 - a. Millennium Pipeline Company, L.L.C. is a Delaware limited liability company with offices at One Blue Hill Plaza, 7th Floor, and P.O. Box 1565, Pearl River, New York 10965. It owns and operates the Millennium Pipeline system. DTE Millennium Company owns 26.25% of Millennium Pipeline Company, L.L.C.
- 12. DTE NEXUS HOLDINGS, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company and is the holding company to hold DTE Pipeline's membership interest in DTE NEXUS, LLC, the owner of NEXUS Gas Transmission, LLC
 - a. DTE NEXUS, LLC is a Delaware limited liability company with offices at One Energy Plaza, 2130 WCB Detroit, Michigan 48226. It is wholly owned by DTE Nexus Holdings, LLC. The company was formed to hold DTE Energy's ownership interest in Nexus Gas Transmission, LLC.
 - i. Nexus Gas Transmission, LLC is a Delaware limited liability Company with offices at 5400 Westheimer Court, Houston, Texas 77056. Nexus Gas Transmission, LLC is owned 50% by DTE NEXUS, LLC and operates the Greenfield Facilities.
 - ii. **GENERATION PIPELINE, LLC is an Ohio limited liability Company with offices in Columbus, OH. It is a wholly owned subsidiary of NEXUS Gas Transmission, LLC**
 - i. NEXUS CAPACITY SERVICES, ULC is an unlimited liability company with offices at 4529 Melrose Street, Port Alberni, BC Canada. It is wholly owned by Nexus Gas Transmission, LLC
- 13. DTE Ohio Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company. The company was formed as a holding company for potential GSP transaction in Ohio.

14. DTE Renaissance Pipeline, LLC is a Michigan limited liability company with offices at One Energy Plaza, 2130 WCB, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company. The company is intended to be a FERC regulated entity to hold APV pipeline lateral project.
15. DTE Tioga Gas Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company and is the holding company for DTE Tioga Gas Gathering, LLC.
 - a. DTE Tioga Gas Gathering, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Tioga Gas Holdings, LLC and owns a 3.4-mile natural gas gathering system that moves gas from producing wells to market. Eclipse Resources Corp is the producer/customer for this asset.
16. **DTE Utica, LLC is an Ohio limited liability Company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Pipeline Company and is a project company for Artex Transaction.**
(NEW FORMATION 03/12/2019)
17. DTE Vector Canada, Inc. is a New Brunswick corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It holds a 39.6% limited partnership interest in Vector Pipeline Limited Partnership, an Alberta, Canada limited partnership which owns the Canadian portion of the Vector Pipeline.
 - a. Vector Pipeline Limited Partnership is an Alberta Canada limited partnership with offices at 38750 Seven Mile Road, Suite 490, Livonia, Michigan 48152. DTE Vector Canada, Inc. owns 39.6% of Vector Pipeline Limited Partnership and Vector Pipeline Limited own 1%.
18. DTE Vector Canada II, Inc. is a New Brunswick corporation. It is wholly owned by DTE Pipeline Company. It holds a 40% interest in Vector Pipeline Limited, which owns a 1% general partnership interest in Vector Pipeline Limited Partnership, an Alberta, Canada limited partnership which owns the Canadian portion of the Vector Pipeline.
 - a. Vector Pipeline Limited is an Alberta, Canada Corporation, with offices at 38705 Seven Mile Road, Suite 490, Livonia, Michigan 48152. It is owned 40% by DTE Vector Canada II, Inc., and it owns a 1% general partnership interest in Vector Pipeline Limited Partnership, an Alberta Canada limited partnership which owns the Canadian portion of the Vector Pipeline.
19. DTE Vector Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It was formed to hold a 39.6% limited partnership interest in Vector Pipeline L.P., a Delaware Limited Partnership which owns and operates the Vector Pipeline.
 - a. Vector Pipeline, L.P. is a Delaware limited partnership with offices at 38750 Seven Mile Road, Suite 490, Livonia, Michigan 48152. It owns and operates the Vector Pipeline. It is owned 39.6% by DTE Vector Company and 1% by Vector Pipeline, LLC.
20. DTE Vector II Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It holds a 40% interest in Vector Pipeline, LLC.

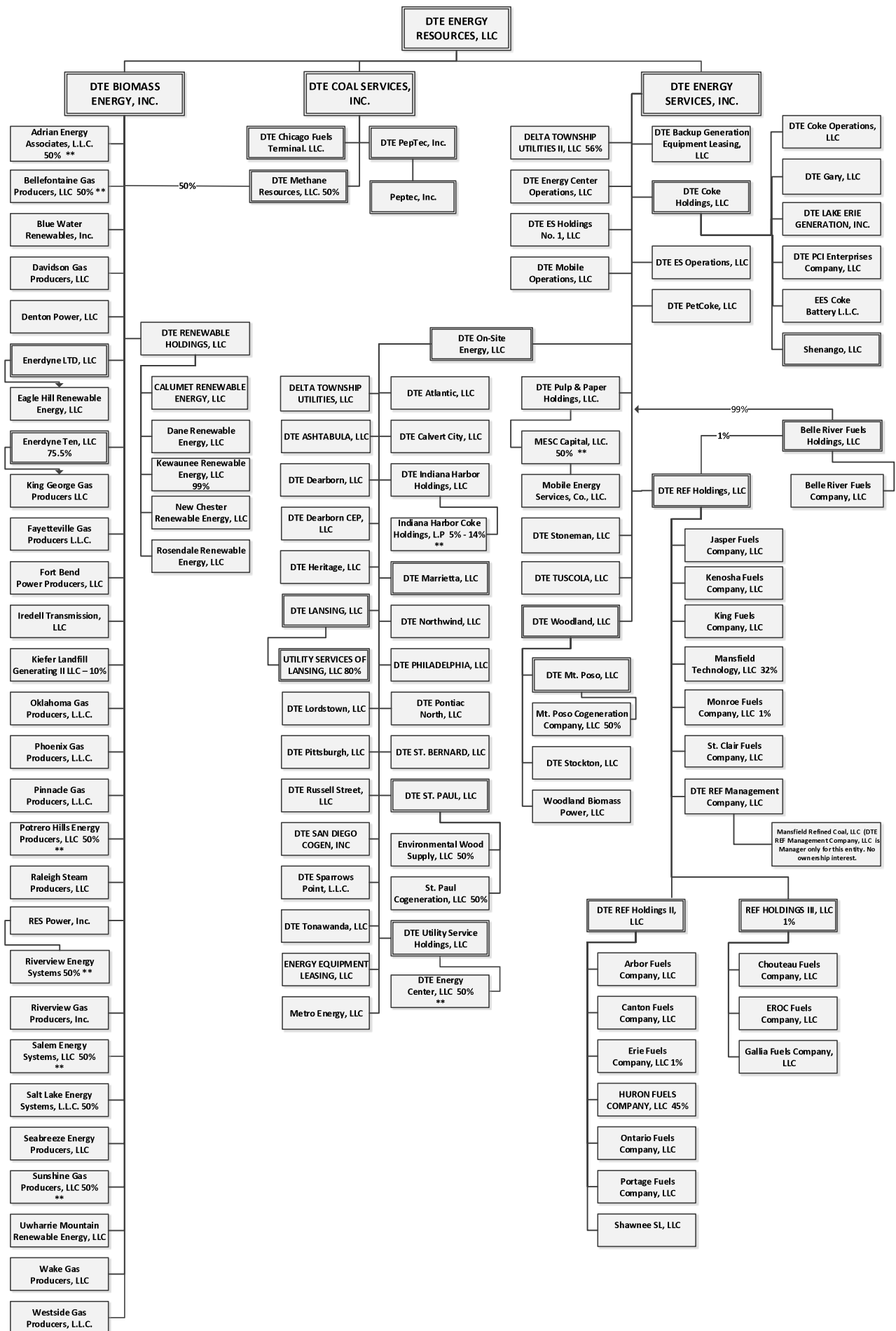
- a. Vector Pipeline, LLC is a Delaware limited liability company with offices at 38750 Seven Mile Road, Suite 490, Livonia, Michigan 48152. It is owned 40% by DTE Vector II Company and owns a 1% general partnership interest in Vector Pipeline L.P., a Delaware limited partnership which owns and operates the Vector Pipeline.
 - c) DTE Oil & Gas Group, Inc. is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Gas Enterprises, LLC. It is engaged in natural gas and oil exploration, development and production through the following subsidiaries:
 - 1. MCNIC Enhanced Production, Inc. is a wholly owned subsidiary of DTE Oil & Gas Group, Inc. It owns a 75% interest in Otsego EOR, L.L.C. It is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 - a. Otsego EOR, L.L.C. is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279 and is owned 75% by MCNIC Enhanced Production, Inc.
 - 2. MCNIC Oil & Gas Midcontinent, Inc., a wholly owned subsidiary of DTE Oil & Gas Group, Inc. It is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 - 3. MCNIC Oil & Gas Properties, Inc., a wholly owned subsidiary of DTE Oil & Gas Group, Inc., is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 - 4. Otsego Exploration Company, L.L.C., a wholly owned subsidiary of DTE Oil & Gas Group, Inc., is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 - d) MCN International Corporation is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It was formed as a holding company for DTEE's international subsidiaries and is wholly owned by DTE Gas Enterprises, LLC.
 - 1. MCNIC International Holdings of Grand Cayman, Cayman Islands is wholly owned by MCN International Corporation and is an inactive company
 - 2. MCNIC UAE Limited of Grand Cayman, Cayman Island is wholly owned by MCN International Corporation and was formed to hold a 39% interest in a United Arab Emirate fertilizer plant project. Subsequently, MCNIC UAE Limited converted its equity interest into a loan. The loan was sold in 2004, leaving MCNIC UAE with no remaining assets and is an F company.
- F. Syndeco Realty Corporation (Syndeco) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Syndeco is a wholly owned subsidiary of DTE. Syndeco is engaged in real estate projects.
 - 1) Detroit Redevelopment and Rehabilitation Investments, LLC is a Michigan Company with offices at One Energy Plaza, Detroit, Michigan 48226-1289. It is a wholly owned subsidiary of Syndeco and is engaged in real estate acquisitions.
 - 2) Syndeco Meadowbrook, LLC (Meadowbrook) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Meadowbrook is a wholly owned subsidiary of Syndeco and owns property in Novi for future development.
 - 3) Syndeco Plaza L.L.C. (Syndeco Plaza) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Syndeco Plaza is a wholly owned subsidiary of Syndeco and is engaged in real estate projects.

- 4) Syndeco Plaza Unit Acquisition LLC (Plaza Unit) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Syndeco owns 100% of this entity.
- G. DTE Electric Holdings, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is a wholly owned subsidiary of DTE Energy Company and holds 100% interest in DTE Electric Company. It is a holding company for DTE Electric Company and DTE Electric Enterprises, LLC. (NEW FORMATION 03/07/2019; DTE Electric Company Interest transferred 09/17/2019).**
- 1) **DTE Electric Enterprises, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is a wholly owned subsidiary of DTE Electric Holdings, LLC. It holds 100% interest in DTE Sustainable Generation Holdings, LLC and DTE Wires, LLC. It was formed to structure the Wind Farm purchases. (NEW FORMATION 03/07/2019)**
 - a) **DTE Sustainable Generation Holdings, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is a wholly owned subsidiary of DTE Electric Enterprises, LLC. This entity was created to hold the structure for wind farm purchases. It holds 100% interest in DTE Garden Wind Farm, LLC and DTE Stoney Corners Wind Farm, LLC. (NEW FORMATION 03/07/2019)**
 1. **DTE Garden Wind Farm, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is a wholly owned subsidiary of DTE Sustainable Generation Holdings, LLC, and is a wind farm. (NEW ACQUISITION FORMATION 09/12/2019. NAME CHANGE 10/17/2019 FROM HERITAGE GARDEN WIND FARM 1, LLC)**
 2. **DTE Stoney Corners Wind Farm, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is a wholly owned subsidiary of DTE Sustainable Generation Holdings, LLC, and is a wind farm. (NEW ACQUISITION FORMATION 09/12/2019. NAME CHANGE 10/17/2019 FROM HERITAGE STONEY CORNERS WIND FARM 1, LLC)**
 - b) **DTE Wires, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is a wholly owned subsidiary of DTE Electric Enterprises, LLC and is part of the structure for wind farm purchases. (NEW ACQUISITION FORMATION 03/22/2019. NAME CHANGE 04/09/2019 FROM DTE TRANSMISSION, LLC)**
 - 2) **DTE Electric Company, (DTE Electric), is incorporated in Michigan and is a Michigan public utility. It is engaged in the generation, purchase, distribution and sale of electric energy in Southeastern Michigan. It also owned and operated a steam heating system in Detroit, Michigan, which was sold in January 2003. On January 1, 1996, DTE Electric became a wholly owned subsidiary of the DTE Energy Company. DTE Electric's address is One Energy Plaza, Detroit, Michigan 48226-1279. On 09/17/2019 DTE Electric Company parent changed from DTE Energy Company to DTE Electric Holdings, LLC**
 - 3) **Detroit Edison Trust I (DET I) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DET I may offer from time to time trust preferred securities.**
 - 4) **Detroit Edison Trust II (DET II) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DET II may offer from time to time trust preferred securities.**
 - 5) **Detroit Edison Trust III (DET III) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DET III may offer from time to time trust preferred securities.**

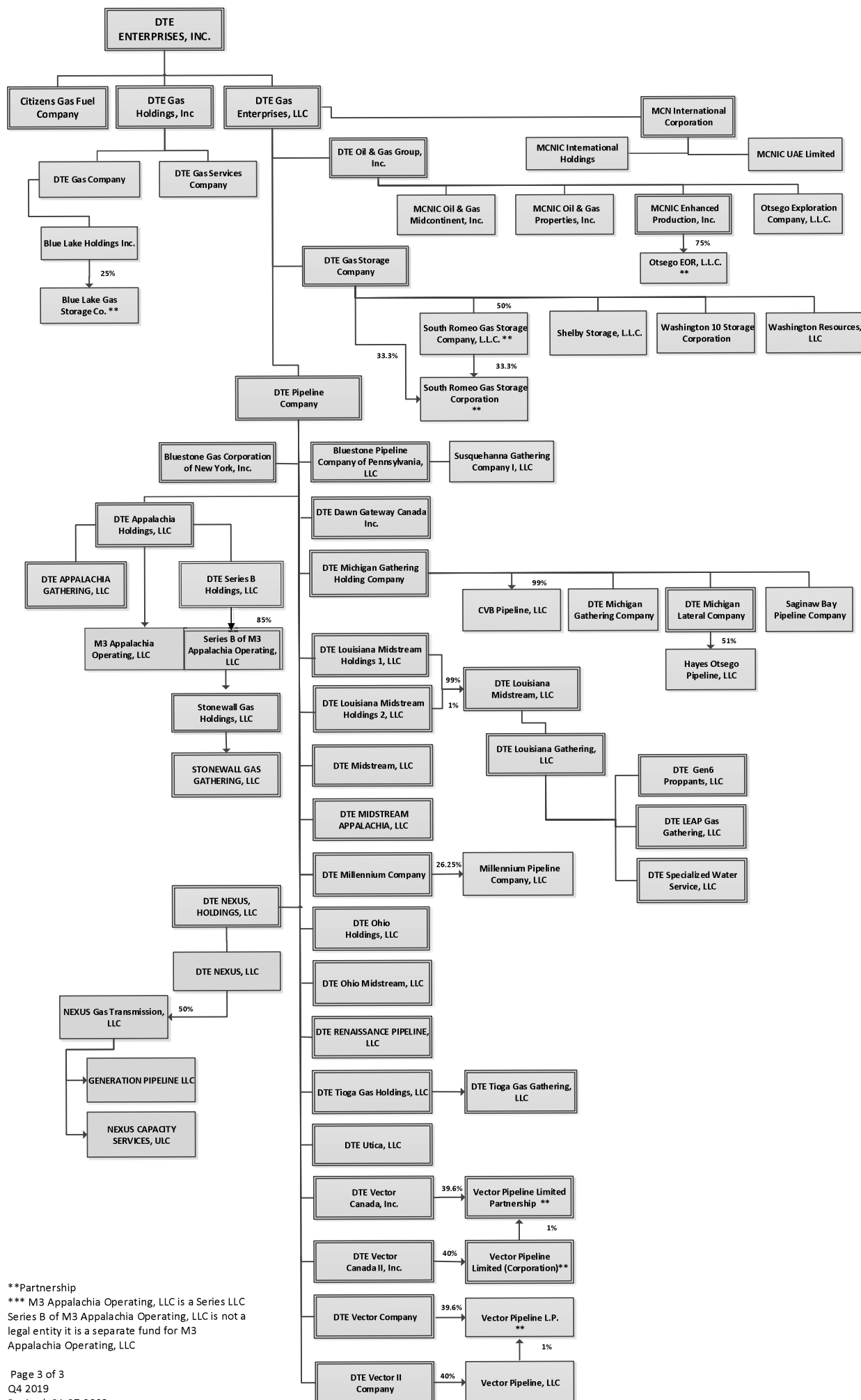
- 6) Midwest Energy Resources Company (MERC) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. MERC is a wholly owned subsidiary of DTE Electric and is engaged in operating a coal-transshipment facility in Superior, Wisconsin. It owns 50% of Venture Fuels.
 - a) Venture Fuels is a Colorado partnership formed for marketing coal in the Great Lakes Region and is 50% owned by MERC.
 - 7) St. Clair Energy Corporation (St. Clair) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. St. Clair is a wholly owned subsidiary of DTE Electric and is engaged in fuel procurement.
 - 8) The Detroit Edison Securitization Funding, L.L.C. (Securitization Funding) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Securitization Funding is a wholly owned subsidiary of DTE Electric and is a special purpose entity established to recover certain stranded costs, called Securitization Property by Michigan Statute.
 - 9) The Edison Illuminating Company of Detroit (EIC) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. EIC is a wholly owned subsidiary of DTE Electric and holds real estate.
- H. Wolverine Energy Services, Inc. (Wolverine) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Wolverine is a wholly owned subsidiary of DTE Energy Company and is a holding company.
- 1) DTE Energy Solutions, Inc. (Solutions) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Solutions is a wholly owned subsidiary of Wolverine and is engaged in system-based energy related products and services.
 - 2) DTE Engineering Services, Inc., (DTE Engineering Services), is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Engineering Services is a wholly owned subsidiary of Solutions. DTE Engineering Services is engaged in professional engineering services.
 - 3) DTE Energy Technologies, Inc. (Technologies) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Technologies are a wholly owned subsidiary of Wolverine and are engaged in energy solutions for industrial, commercial and small businesses.
 - 4) Alliance Energy Companies, Ltd. (Alliance) is a Minnesota corporation with offices at 1715 Lake Drive West, Chanhassen, Minnesota 55317-8580. Alliance is a wholly owned subsidiary of Technologies.



* Joint Venture **Partnership



* Joint Venture **Partnership



**Partnership

*** M3 Appalachia Operating, LLC is a Series LLC
Series B of M3 Appalachia Operating, LLC is not a
legal entity it is a separate fund for M3
Appalachia Operating, LLC

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of <u>2019/Q4</u>
CORPORATIONS CONTROLLED BY RESPONDENT					
<p>1. Report below the names of all corporations, business trusts, and similar organizations, controlled directly or indirectly by respondent at any time during the year. If control ceased prior to end of year, give particulars (details) in a footnote.</p> <p>2. If control was by other means than a direct holding of voting rights, state in a footnote the manner in which control was held, naming any intermediaries involved.</p> <p>3. If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests.</p> <p>Definitions</p> <p>1. See the Uniform System of Accounts for a definition of control.</p> <p>2. Direct control is that which is exercised without interposition of an intermediary.</p> <p>3. Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control.</p> <p>4. Joint control is that in which neither interest can effectively control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.</p>					
Line No.	Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Footnote Ref. (d)	
1	The Edison Illuminating Company of Detroit	Real Estate	100		
2	Midwest Energy Resources Company	Fuel Procurement	100		
3	St. Clair Energy Corporation	Fuel Procurement	100		
4	The Detroit Edison Securitization Funding, LLC	Securitization Financing	N/A - Sole Member		
5	Detroit Edison Trust I	Business Trust	N/A - Sole Member		
6	Detroit Edison Trust II	Business Trust	N/A - Sole Member		
7	Detroit Edison Trust III	Business Trust	N/A - Sole Member		
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16	Note:				
17	The DTE Electric Company is an indirect				
18	wholly-owned subsidiary of DTE Energy Company				
19	which has ownership of a number of other				
20	subsidiaries.				
21					
22	On September 17, 2019, membership interests of				
23	DTE Electric Company was transferred to				
24	DTE Electric Holdings, LLC; the newly				
25	established parent of DTE Electric Company.				
26	DTE Energy Company is the parent of				
27	DTE Electric Holdings, LLC.				

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4		
OFFICERS AND EMPLOYEES					
<p>1. Report below the name, title, and salary for the six executive officers.</p> <p>2. Report in column (b) salaries and wages accrued during the year including deferred compensation.</p> <p>3. In column (c) report any other compensation provided, such as bonuses, car allowance, stock options and rights, savings contribution, etc., and explain in a footnote what the amounts represent. Provide type code for other compensation in column (d).</p> <p>4. If a change was made during the year in the incumbent of any position, show the name and total remuneration of the previous incumbent and the date the change in incumbency occurred.</p> <p>5. Upon request, the Company will provide the Commission with supplemental information on officers and other employees and salaries.</p>					
Line	Name and Title	Base Wages	Other Compensation (1)	Type of Other Compensation	Total Compensation (2)
	(a)	(b)	(c)	(d)	(e)
1	Gerard M. Anderson, Executive Chairman (3)	\$ 1,080,048	\$ 1,602,000 \$ 64,803 \$ 7,319,993 \$ 70,834	A B C D	\$ 10,137,678
2	Gerardo Norcia, President and Chief Executive Officer (3)	\$ 1,009,856	\$ 1,559,700 \$ 60,591 \$ 4,716,621 \$ 73,439	A B C D	\$ 7,420,207
3	Peter B. Oleksiak, Senior Vice President and Chief Financial Officer	\$ 635,385	\$ 473,700 \$ 38,123 \$ 1,683,234 \$ 38,371	A B C D	\$ 2,868,813
4	Trevor F. Lauer President and Chief Operating Officer — DTE Electric	\$ 558,846	\$ 637,000 \$ 33,530 \$ 1,256,661 \$ 47,832	A B C D	\$ 2,533,869
5	David E. Meador, Vice Chairman and Chief Administrative Officer	\$ 735,385	\$ 746,500 \$ 44,123 \$ 1,867,698 \$ 45,133	A B C D	\$ 3,438,839
6	Bruce D. Peterson, Senior Vice President and General Counsel	\$ 568,077	\$ 439,000 \$ 34,085 \$ 1,118,313 \$ 44,156	A B C D	\$ 2,203,631
(1)	Footnote Data Includes stock awards, non-equity incentive plan compensation, employer matching contributions to the 401k and supplemental savings plans, and other executive benefits.				
(2)	Includes compensation for services provided to DTE Energy Company and subsidiary companies, including DTE Electric.				
(3)	Mr. Anderson served as Chairman and Chief Executive Officer and Mr. Norcia served as President and Chief Operating Officer until August 20, 2019.				
Compensation Type Codes: A=Executive Incentive Compensation B=Incentive Plan (Matching Employer Contribution) C=Stock Plans D=Other Benefits					

Name of Respondent	This Report Is: (1) [X] An Original (2) [] A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report
DTE Electric Company			2019/Q4
DIRECTORS			
1. Report below any information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent. 2. Designate members of the Executive Committee by a triple asterisk and the Chairman of the Executive Committee by a double asterisk.			
Name and Title of Director (a)	Principal Business Address (b)	# of Directors Meetings During Yr (c)	Fees During Yr (d)
1. Geraldo Norcia Chief Executive Officer August 20, 2019 - December 31, 2019	DTE Electric Company One Energy Plaza Detroit, MI 48226-1279	0	0
2. Gerard M. Anderson Chairman of the Board and CEO January 1, 2019 - August 20, 2019	DTE Electric company One Energy Plaza Detroit, MI 48226-1279	0	0
3. Peter B. Oleksiak Senior Vice President and Chief Financial Officer	DTE Electric Company One Energy Plaza Detroit, MI 48226-1279	0	0
4. Lisa Muschong Vice President, Corporate Secretary and Chief of Staff	DTE Electric Company One Energy Plaza Detroit, MI 48226-1279	0	0
5. Bruce Peterson Senior Vice President and General Counsel January 1, 2019 - December 1, 2019	DTE Electric Company One Energy Plaza Detroit, MI 48226-1279	0	0
6. JoAnn Chavez Sr. Vice President, and Chief Legal Officer December 1, 2019 - December 31, 2019	DTE Electric company One Energy Plaza Detroit, MI 48226-1279	0	0
<u>Footnote Data</u> 1. DTE Electric Company Directors held no meetings in 2019. As permitted by the law, the Board acted on numerous matters by written Consent.			

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

SECURITY HOLDERS AND VOTING POWERS

1. (A) Give the names and addresses of the 10 security holders of the respondent who, at the date of the latest closing of the stock book or compilation of list of stockholders of the respondent, prior to the end of the year, had the highest voting powers in the respondent, and state the number of votes which each would have had the right to cast on that date if a meeting were then in order. If any such holder held in trust, give a footnote the known particulars of the trust (whether voting trust, etc.), duration of trust, and principal holders of beneficiary interests in the trust. If the stock book was not closed or a list of stockholders was not compiled within one year prior to the end of the year, or if since the previous compilation of a list of stockholders, some other class of security has become vested with voting rights, then show such 10 security holders as of the close of the year. Arrange the names of the security holders in the order of voting power, commencing with the highest. Show in column (a) the titles of officers and directors included in such list of 10 security holders.

1. (B) Give also the name and indicate the voting powers resulting from ownership of securities of the respondent of each officer and director not included in the list of 10 largest security holders.

2. If any security other than stock carries voting rights, explain in a supplemental statement the circumstances whereby such security became vested with voting rights and give other important particulars (details) concerning the voting rights of such security. State whether voting rights are actual or contingent; if contingent, describe the contingency.

3. If any class or issue of security has any special privileges in the election of directors, trustees or managers, or in the determination of corporate action by any method, explain briefly in a footnote.

4. Furnish particulars (details) concerning any options, warrants, or rights outstanding at the end of the year for others to purchase securities of the respondent or any securities or other assets owned by the respondent, including prices, expiration dates, and other material information relating to exercise of the options, warrants, or rights. Specify the amount of such securities or assets so entitled to be purchased by any officer, director, associated company, or any of the ten largest security holders. This instruction is inapplicable to convertible securities or to any securities substantially all of which are outstanding in the hands of the general public where the options, warrants, or rights were issued on a prorata basis.

1. Give date of the latest closing of the stock book prior to end of year, and state the purpose of such closing:

Not Applicable

2. State the total number of votes cast at the latest general proxy meeting prior to the end of year for election of directors of the respondent and number of such notes cast by proxy:

Total: Not Applicable

By Proxy: Not Applicable

3. Give the date and place of such meeting:

The DTE Electric Company Directors held no meetings in 2019. As permitted by law, the Board acted on numerous matters by written Consent.

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

SECURITY HOLDERS AND VOTING POWERS (Continued)

Line	Name (Title) and Address of Security Holder (a)	VOTING SECURITIES Number of votes as of (date): 12/31/2019			
		Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
4	TOTAL votes all voting securities	138,632,324	138,632,324	0	0
5	TOTAL number of security holders	1	1	0	0
6	TOTAL votes of security holders listed below	138,632,324	138,632,324	0	0
7	DTE Energy Company One Energy Plaza Detroit, MI 48226-1279	138,632,324	138,632,324	0	0
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RESPONSE/NOTES TO INSTRUCTION

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 04/15/2020	Year/Period of Report End of 2019/Q4
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IMPORTANT CHANGES DURING THE QUARTER/YEAR

Give particulars (details) concerning the matters indicated below. Make the statements explicit and precise, and number them in accordance with the inquiries. Each inquiry should be answered. Enter "none," "not applicable," or "NA" where applicable. If information which answers an inquiry is given elsewhere in the report, make a reference to the schedule in which it appears.

1. Changes in and important additions to franchise rights: Describe the actual consideration given therefore and state from whom the franchise rights were acquired. If acquired without the payment of consideration, state that fact.
2. Acquisition of ownership in other companies by reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction, and reference to Commission authorization.
3. Purchase or sale of an operating unit or system: Give a brief description of the property, and of the transactions relating thereto, and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.
4. Important leaseholds (other than leaseholds for natural gas lands) that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents, and other condition. State name of Commission authorizing lease and give reference to such authorization.
5. Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate number of customers added or lost and approximate annual revenues of each class of service. Each natural gas company must also state major new continuing sources of gas made available to it from purchases, development, purchase contract or otherwise, giving location and approximate total gas volumes available, period of contracts, and other parties to any such arrangements, etc.
6. Obligations incurred as a result of issuance of securities or assumption of liabilities or guarantees including issuance of short-term debt and commercial paper having a maturity of one year or less. Give reference to FERC or State Commission authorization, as appropriate, and the amount of obligation or guarantee.
7. Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.
8. State the estimated annual effect and nature of any important wage scale changes during the year.
9. State briefly the status of any materially important legal proceedings pending at the end of the year, and the results of any such proceedings culminated during the year.
10. Describe briefly any materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder reported on Page 104 or 105 of the Annual Report Form No. 1, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.
11. (Reserved.)
12. If the important changes during the year relating to the respondent company appearing in the annual report to stockholders are applicable in every respect and furnish the data required by Instructions 1 to 11 above, such notes may be included on this page.
13. Describe fully any changes in officers, directors, major security holders and voting powers of the respondent that may have occurred during the reporting period.
14. In the event that the respondent participates in a cash management program(s) and its proprietary capital ratio is less than 30 percent please describe the significant events or transactions causing the proprietary capital ratio to be less than 30 percent, and the extent to which the respondent has amounts loaned or money advanced to its parent, subsidiary, or affiliated companies through a cash management program(s). Additionally, please describe plans, if any to regain at least a 30 percent proprietary ratio.

PAGE 108 INTENTIONALLY LEFT BLANK
SEE PAGE 109 FOR REQUIRED INFORMATION.

Name of Respondent DTE Electric Company	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)			

1. None
2. None
3. None
4. None
5. None
6. See Notes 15, 16, 17 and 19 of the Notes to Consolidated Financial Statements, "Long-Term Debt", "Preferred and Preference Securities", "Short-Term Credit Arrangements and Borrowings," and "Commitments and Contingencies," beginning on pages 123.60, 123.65, 123.65, and 123.72, respectively. For the FERC order authorizing issuance of secured or unsecured short-term debt securities, see Docket ES19-21-000. For the FERC order authorizing issuance of secured or unsecured long-term debt securities, see Docket ES18-28-000.
7. On September 17, 2019, Membership interest of DTE Electric Company was transferred to DTE Electric Holdings, LLC, the newly established parent of DTE Electric Company. DTE Energy Company is the parent of DTE Electric Holdings, LLC. See page 102.
8. None
9. For information on material legal proceedings and matters related to DTE Electric and its subsidiaries, see Notes 10 and 19 of the Notes to Consolidated Financial Statements, "Regulatory Matters" and "Commitments and Contingencies," beginning on pages 123.33 and 123.72, respectively.
10. None
11. (Reserved)
12. Important Changes – See Notes to Consolidated Financial Statements starting on page 123.6.
13. On August 26, 2019, the Board of Directors of DTE Electric Company appointed Gerardo Norcia as the Company's Chief Executive Officer, succeeding Gerry Anderson, effective August 20, 2019.

On November 25, 2019, DTE Electric Company appointed JoAnn Chavez to the Company's Board of Directors or Board of Managers, succeeding Bruce Peterson, effective December 1, 2019.
14. Not applicable

Name of Respondent	This Report Is:	Date of Report (Mo, Da, Yr)	Year/Period of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	04/15/2020	End of 2019/Q4

COMPARATIVE BALANCE SHEET (ASSETS AND OTHER DEBITS)

Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
1	UTILITY PLANT			
2	Utility Plant (101-106, 114)	200-201	23,824,426,980	22,507,948,332
3	Construction Work in Progress (107)	200-201	1,547,447,865	1,393,970,434
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		25,371,874,845	23,901,918,766
5	(Less) Accum. Prov. for Depr. Amort. Depl. (108, 110, 111, 115)	200-201	7,772,889,087	7,638,679,804
6	Net Utility Plant (Enter Total of line 4 less 5)		17,598,985,758	16,263,238,962
7	Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab. (120.1)	202-203	80,618,577	3,061,520
8	Nuclear Fuel Materials and Assemblies-Stock Account (120.2)		0	0
9	Nuclear Fuel Assemblies in Reactor (120.3)		303,853,644	303,375,505
10	Spent Nuclear Fuel (120.4)		1,120,432,967	1,120,432,967
11	Nuclear Fuel Under Capital Leases (120.6)		0	0
12	(Less) Accum. Prov. for Amort. of Nucl. Fuel Assemblies (120.5)	202-203	1,332,460,217	1,272,241,445
13	Net Nuclear Fuel (Enter Total of lines 7-11 less 12)		172,444,971	154,628,547
14	Net Utility Plant (Enter Total of lines 6 and 13)		17,771,430,729	16,417,867,509
15	Utility Plant Adjustments (116)		0	0
16	Gas Stored Underground - Noncurrent (117)		0	0
17	OTHER PROPERTY AND INVESTMENTS			
18	Nonutility Property (121)		5,774,473	5,923,664
19	(Less) Accum. Prov. for Depr. and Amort. (122)		0	0
20	Investments in Associated Companies (123)		0	0
21	Investment in Subsidiary Companies (123.1)	224-225	122,177	135,552
22	(For Cost of Account 123.1, See Footnote Page 224, line 42)			
23	Noncurrent Portion of Allowances	228-229	14,684,801	20,627,978
24	Other Investments (124)		35,974,362	30,995,313
25	Sinking Funds (125)		0	0
26	Depreciation Fund (126)		1,658,385,438	1,374,985,164
27	Amortization Fund - Federal (127)		0	0
28	Other Special Funds (128)		2,902,600	2,780,538
29	Special Funds (Non Major Only) (129)		0	0
30	Long-Term Portion of Derivative Assets (175)		0	0
31	Long-Term Portion of Derivative Assets – Hedges (176)		0	0
32	TOTAL Other Property and Investments (Lines 18-21 and 23-31)		1,717,843,851	1,435,448,209
33	CURRENT AND ACCRUED ASSETS			
34	Cash and Working Funds (Non-major Only) (130)		0	0
35	Cash (131)		11,964,834	17,991,952
36	Special Deposits (132-134)		0	0
37	Working Fund (135)		0	0
38	Temporary Cash Investments (136)		0	0
39	Notes Receivable (141)		3,445,800	5,500,000
40	Customer Accounts Receivable (142)		511,269,457	538,435,615
41	Other Accounts Receivable (143)		41,610,347	54,822,127
42	(Less) Accum. Prov. for Uncollectible Acct.-Credit (144)		46,157,142	52,930,842
43	Notes Receivable from Associated Companies (145)		0	6,679,488
44	Accounts Receivable from Assoc. Companies (146)		48,301,391	87,429,013
45	Fuel Stock (151)	227	89,521,893	81,670,923
46	Fuel Stock Expenses Undistributed (152)	227	0	0
47	Residuals (Elec) and Extracted Products (153)	227	0	0
48	Plant Materials and Operating Supplies (154)	227	248,527,982	243,654,035
49	Merchandise (155)	227	0	0
50	Other Materials and Supplies (156)	227	0	0
51	Nuclear Materials Held for Sale (157)	202-203/227	0	0
52	Allowances (158.1 and 158.2)	228-229	0	0

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 110 Line No.: 2 Column: c

Property under Operating Leases, \$83,643,303.

Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
1	PROPRIETARY CAPITAL			
2	Common Stock Issued (201)	250-251	1,386,142,709	1,386,142,709
3	Preferred Stock Issued (204)	250-251	0	0
4	Capital Stock Subscribed (202, 205)		0	0
5	Stock Liability for Conversion (203, 206)		0	0
6	Premium on Capital Stock (207)		1,103,397,194	1,103,397,194
7	Other Paid-In Capital (208-211)	253	2,365,200,000	2,185,000,000
8	Installments Received on Capital Stock (212)	252	0	0
9	(Less) Discount on Capital Stock (213)	254	0	0
10	(Less) Capital Stock Expense (214)	254b	44,005,181	44,005,181
11	Retained Earnings (215, 215.1, 216)	118-119	2,388,790,707	2,166,950,731
12	Unappropriated Undistributed Subsidiary Earnings (216.1)	118-119	187,306	200,681
13	(Less) Reaquired Capital Stock (217)	250-251	0	0
14	Noncorporate Proprietorship (Non-major only) (218)		0	0
15	Accumulated Other Comprehensive Income (219)	122(a)(b)	0	0
16	Total Proprietary Capital (lines 2 through 15)		7,199,712,735	6,797,686,134
17	LONG-TERM DEBT			
18	Bonds (221)	256-257	7,202,700,000	6,552,700,000
19	(Less) Reaquired Bonds (222)	256-257	0	0
20	Advances from Associated Companies (223)	256-257	0	0
21	Other Long-Term Debt (224)	256-257	0	0
22	Unamortized Premium on Long-Term Debt (225)		0	0
23	(Less) Unamortized Discount on Long-Term Debt-Debit (226)		15,519,440	11,308,917
24	Total Long-Term Debt (lines 18 through 23)		7,187,180,560	6,541,391,083
25	OTHER NONCURRENT LIABILITIES			
26	Obligations Under Capital Leases - Noncurrent (227)		68,320,130	7,005,032
27	Accumulated Provision for Property Insurance (228.1)		0	0
28	Accumulated Provision for Injuries and Damages (228.2)		29,217,602	29,219,453
29	Accumulated Provision for Pensions and Benefits (228.3)		1,083,977,001	996,269,757
30	Accumulated Miscellaneous Operating Provisions (228.4)		12,980,336	12,980,336
31	Accumulated Provision for Rate Refunds (229)		4,044,444	31,579,947
32	Long-Term Portion of Derivative Instrument Liabilities		0	0
33	Long-Term Portion of Derivative Instrument Liabilities - Hedges		0	0
34	Asset Retirement Obligations (230)		2,446,840,389	2,271,436,565
35	Total Other Noncurrent Liabilities (lines 26 through 34)		3,645,379,902	3,348,491,090
36	CURRENT AND ACCRUED LIABILITIES			
37	Notes Payable (231)		364,534,688	156,383,540
38	Accounts Payable (232)		444,955,334	489,236,378
39	Notes Payable to Associated Companies (233)		695,501	22,452,160
40	Accounts Payable to Associated Companies (234)		60,748,950	103,818,707
41	Customer Deposits (235)		25,196,113	22,896,323
42	Taxes Accrued (236)	262-263	-13,261,894	-7,453,976
43	Interest Accrued (237)		82,718,355	72,845,452
44	Dividends Declared (238)		0	0
45	Matured Long-Term Debt (239)		0	0

[illegible]

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 112 Line No.: 26 Column: c

Obligations under Operating Leases - Non-Current, \$64,785,314.

Schedule Page: 112 Line No.: 49 Column: c

Obligations under Operating Leases - Current, \$11,258,666.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STATEMENT OF INCOME

Quarterly

Annual or Quarterly if applicable

Line No.	Title of Account (a)	(Ref.) Page No. (b)	Total Current Year to Date Balance for Quarter/Year (c)	Total Prior Year to Date Balance for Quarter/Year (d)	Current 3 Months Ended Quarterly Only No 4th Quarter (e)	Prior 3 Months Ended Quarterly Only No 4th Quarter (f)
1	UTILITY OPERATING INCOME					
2	Operating Revenues (400)	300-301	5,218,148,358	5,286,044,437		
3	Operating Expenses					
4	Operation Expenses (401)	320-323	2,345,340,283	2,556,730,934		
5	Maintenance Expenses (402)	320-323	487,512,637	455,315,011		
6	Depreciation Expense (403)	336-337	782,748,913	663,461,203		
7	Depreciation Expense for Asset Retirement Costs (403.1)	336-337	10,354,076	10,545,773		
8	Amort. & Depl. of Utility Plant (404-405)	336-337	112,230,773	100,788,978		
9	Amort. of Utility Plant Acq. Adj. (406)	336-337	6,624,256	6,624,256		
10	Amort. Property Losses, Unrecov Plant and Regulatory Study Costs (407)					
11	Amort. of Conversion Expenses (407)					
12	Regulatory Debits (407.3)		33,077,657	46,609,891		
13	(Less) Regulatory Credits (407.4)		142,543,666	129,931,662		
14	Taxes Other Than Income Taxes (408.1)	262-263	308,064,014	306,287,930		
15	Income Taxes - Federal (409.1)	262-263	20,189,055	6,342,215		
16	- Other (409.1)	262-263	14,866,482	6,153,415		
17	Provision for Deferred Income Taxes (410.1)	234, 272-277	592,423,402	478,881,447		
18	(Less) Provision for Deferred Income Taxes-Cr. (411.1)	234, 272-277	487,101,470	296,631,651		
19	Investment Tax Credit Adj. - Net (411.4)	266	-5,909,801	-4,216,444		
20	(Less) Gains from Disp. of Utility Plant (411.6)					
21	Losses from Disp. of Utility Plant (411.7)		149,191			
22	(Less) Gains from Disposition of Allowances (411.8)					
23	Losses from Disposition of Allowances (411.9)					
24	Accretion Expense (411.10)		136,149,439	127,883,401		
25	TOTAL Utility Operating Expenses (Enter Total of lines 4 thru 24)		4,214,175,241	4,334,844,697		
26	Net Util Oper Inc (Enter Tot line 2 less 25) Carry to Pg117,line 27		1,003,973,117	951,199,740		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STATEMENT OF INCOME FOR THE YEAR (Continued)

9. Use page 122 for important notes regarding the statement of income for any account thereof.
10. Give concise explanations concerning unsettled rate proceedings where a contingency exists such that refunds of a material amount may need to be made to the utility's customers or which may result in material refund to the utility with respect to power or gas purchases. State for each year effected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power or gas purchases.
- 11 Give concise explanations concerning significant amounts of any refunds made or received during the year resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases, and a summary of the adjustments made to balance sheet, income, and expense accounts.
12. If any notes appearing in the report to stockholders are applicable to the Statement of Income, such notes may be included at page 122.
13. Enter on page 122 a concise explanation of only those changes in accounting methods made during the year which had an effect on net income, including the basis of allocations and apportionments from those used in the preceding year. Also, give the appropriate dollar effect of such changes.
14. Explain in a footnote if the previous year's/quarter's figures are different from that reported in prior reports.
15. If the columns are insufficient for reporting additional utility departments, supply the appropriate account titles report the information in a footnote to this schedule.

ELECTRIC UTILITY		GAS UTILITY		OTHER UTILITY		Line No.
Current Year to Date (in dollars) (g)	Previous Year to Date (in dollars) (h)	Current Year to Date (in dollars) (i)	Previous Year to Date (in dollars) (j)	Current Year to Date (in dollars) (k)	Previous Year to Date (in dollars) (l)	
						1
5,218,148,358	5,286,044,437					2
						3
2,345,340,283	2,556,730,934					4
487,512,637	455,315,011					5
782,748,913	663,461,203					6
10,354,076	10,545,773					7
112,230,773	100,788,978					8
6,624,256	6,624,256					9
						10
						11
33,077,657	46,609,891					12
142,543,666	129,931,662					13
308,064,014	306,287,930					14
20,189,055	6,342,215					15
14,866,482	6,153,415					16
592,423,402	478,881,447					17
487,101,470	296,631,651					18
-5,909,801	-4,216,444					19
						20
149,191						21
						22
						23
136,149,439	127,883,401					24
4,214,175,241	4,334,844,697					25
1,003,973,117	951,199,740					26

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020		Year/Period of Report End of 2019/Q4	
STATEMENT OF INCOME FOR THE YEAR (continued)							
Line No.	Title of Account (a)	(Ref.) Page No. (b)	TOTAL		Current 3 Months Ended Quarterly Only No 4th Quarter (e)	Prior 3 Months Ended Quarterly Only No 4th Quarter (f)	
			Current Year (c)	Previous Year (d)			
27	Net Utility Operating Income (Carried forward from page 114)		1,003,973,117	951,199,740			
28	Other Income and Deductions						
29	Other Income						
30	Nonutility Operating Income						
31	Revenues From Merchandising, Jobbing and Contract Work (415)		37,791,238	50,966,727			
32	(Less) Costs and Exp. of Merchandising, Job. & Contract Work (416)		40,469,526	51,746,229			
33	Revenues From Nonutility Operations (417)		6,196,243	7,890,638			
34	(Less) Expenses of Nonutility Operations (417.1)						
35	Nonoperating Rental Income (418)						
36	Equity in Earnings of Subsidiary Companies (418.1)	119	-13,375	-1,391			
37	Interest and Dividend Income (419)		1,659,081	172,428			
38	Allowance for Other Funds Used During Construction (419.1)		22,168,579	19,451,807			
39	Miscellaneous Nonoperating Income (421)		38,686,739	3,490,434			
40	Gain on Disposition of Property (421.1)		337,432	547,357			
41	TOTAL Other Income (Enter Total of lines 31 thru 40)		66,356,411	30,771,771			
42	Other Income Deductions						
43	Loss on Disposition of Property (421.2)						
44	Miscellaneous Amortization (425)						
45	Donations (426.1)		3,397,586	2,811,852			
46	Life Insurance (426.2)						
47	Penalties (426.3)		4,789,019	2,093,337			
48	Exp. for Certain Civic, Political & Related Activities (426.4)		2,952,724	3,779,536			
49	Other Deductions (426.5)		30,118,283	26,960,091			
50	TOTAL Other Income Deductions (Total of lines 43 thru 49)		41,257,612	35,644,816			
51	Taxes Applicable to Other Income and Deductions						
52	Taxes Other Than Income Taxes (408.2)	262-263	245,000	-1,463,440			
53	Income Taxes-Federal (409.2)	262-263	5,134,819	-6,351,340			
54	Income Taxes-Other (409.2)	262-263	1,576,279	-2,002,540			
55	Provision for Deferred Inc. Taxes (410.2)	234, 272-277	114,415	12,295,981			
56	(Less) Provision for Deferred Income Taxes-Cr. (411.2)	234, 272-277	3,638,597	681,894			
57	Investment Tax Credit Adj.-Net (411.5)						
58	(Less) Investment Tax Credits (420)						
59	TOTAL Taxes on Other Income and Deductions (Total of lines 52-58)		3,431,916	1,796,767			
60	Net Other Income and Deductions (Total of lines 41, 50, 59)		21,666,883	-6,669,812			
61	Interest Charges						
62	Interest on Long-Term Debt (427)		300,221,751	270,242,931			
63	Amort. of Debt Disc. and Expense (428)		4,466,195	4,013,054			
64	Amortization of Loss on Reacquired Debt (428.1)		3,188,944	3,188,944			
65	(Less) Amort. of Premium on Debt-Credit (429)						
66	(Less) Amortization of Gain on Reacquired Debt-Credit (429.1)						
67	Interest on Debt to Assoc. Companies (430)		1,906,345	1,295,614			
68	Other Interest Expense (431)		10,049,811	9,827,546			
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr. (432)		9,524,647	8,781,468			
70	Net Interest Charges (Total of lines 62 thru 69)		310,308,399	279,786,621			
71	Income Before Extraordinary Items (Total of lines 27, 60 and 70)		715,331,601	664,743,307			
72	Extraordinary Items						
73	Extraordinary Income (434)						
74	(Less) Extraordinary Deductions (435)						
75	Net Extraordinary Items (Total of line 73 less line 74)						
76	Income Taxes-Federal and Other (409.3)	262-263					
77	Extraordinary Items After Taxes (line 75 less line 76)						
78	Net Income (Total of line 71 and 77)		715,331,601	664,743,307			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
RECONCILIATION OF DEFERRED INCOME TAX EXPENSE			
1. Report on this page the charges to accounts 410, 411 and 420 reported in the contra accounts 190, 281, 282, 283 and 284. 2. The charges to the subaccounts of 410 and 411 found on pages 114-117 should agree with the subaccount totals reported on these pages.		In the event the deferred income tax expenses reported on pages 114-117 do not directly reconcile with the amounts found on these pages, then provide the additional information requested in instruction #3, on a separate page.	
Line No.		Electric Utility	Gas Utility
1	Debits to Account 410 from:		
2	Account 190	22,387,942	
3	Account 281		
4	Account 282	361,265,350	
5	Account 283	208,770,110	
6	Account 284		
7	Reconciling Adjustments		
8	TOTAL Account 410.1 (on pages 114-115 line 17)	592,423,402	
9	TOTAL Account 410.2 (on page 117 line 55)		
10	Credits to Account 411 from:		
11	Account 190	33,721,203	
12	Account 281		
13	Account 282	313,985,062	
14	Account 283	139,395,205	
15	Account 284		
16	Reconciling Adjustments		
17	TOTAL Account 411.1 (on page 114-115 line 18)	487,101,470	
18	TOTAL Account 411.2 (on page 117 line 56)		
19	Net ITC Adjustment:		
20	ITC Utilized for the Year DR		
21	ITC Amortized for the Year CR	(5,909,801)	
22	ITC Adjustments:		
23	Adjust last year's estimate to actual per filed return		
24	Other (specify)		
25	Net Reconciling Adjustments Account 411.4*	(5,909,801)	
26	Net Reconciling Adjustments Account 411.5**		
27	Net Reconciling Adjustments Account 420***		

* on pages 114-15 line 19

** on page 117 line 57

*** on page 117 line 58

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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RECONCILIATION OF DEFERRED INCOME TAX EXPENSE				
3. (a) Provide a detailed reconciliation of the applicable deferred income tax expense subaccount(s) reported on pages 114-117 with the amount reported on these pages. (b) Identify all contra accounts (other than accounts 190 and 281-284). (c) Identify the company's regulatory authority to utilize contra accounts other than accounts 190 or 281-284 for the recording of deferred income tax expense(s).				
Other Utility	Total Utility	Other Income	Total Company	Line No.
	22,387,942	(12,318)	22,375,624	1
				2
				3
	361,265,350	68,075	361,333,425	4
	208,770,110	58,658	208,828,768	5
				6
				7
	592,423,402			8
		114,415		9
				10
	33,721,203	(111,412)	33,609,791	11
				12
	313,985,062	2,833,857	316,818,919	13
	139,395,205	916,152	140,311,357	14
				15
				16
	487,101,470			17
		3,638,597		18
				19
				20
	(5,909,801)		(5,909,801)	21
				22
				23
				24
	(5,909,801)			25
				26
				27

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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OPERATING LOSS CARRYFORWARD

Fill in below when the company sustains an operating loss, loss carryback or carryforward whenever or wherever applicable.

Line No.	Year (a)	Operating Loss (b)	Loss Carryforward (F) or Carryback (B) (c)	Loss Utilized		Balance Remaining (f)
				Amount (d)	Year (e)	
1	2015	273,331,143	(F)			273,331,143
2	2016	48,346,066	(B)	48,346,066	2014	273,331,143
3			(F)	58,661,061	2017	214,670,082
4			(F)	212,893,919	2018	1,776,163
5			(F)	1,776,163	2019	0
6	Note: Current year amounts based on estimates					
7						
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STATEMENT OF RETAINED EARNINGS

- Do not report Lines 49-53 on the quarterly version.
- Report all changes in appropriated retained earnings, unappropriated retained earnings, year to date, and unappropriated undistributed subsidiary earnings for the year.
- Each credit and debit during the year should be identified as to the retained earnings account in which recorded (Accounts 433, 436 - 439 inclusive). Show the contra primary account affected in column (b)
- State the purpose and amount of each reservation or appropriation of retained earnings.
- List first account 439, Adjustments to Retained Earnings, reflecting adjustments to the opening balance of retained earnings. Follow by credit, then debit items in that order.
- Show dividends for each class and series of capital stock.
- Show separately the State and Federal income tax effect of items shown in account 439, Adjustments to Retained Earnings.
- Explain in a footnote the basis for determining the amount reserved or appropriated. If such reservation or appropriation is to be recurrent, state the number and annual amounts to be reserved or appropriated as well as the totals eventually to be accumulated.
- If any notes appearing in the report to stockholders are applicable to this statement, include them on pages 122-123.

Line No.	Item (a)	Contra Primary Account Affected (b)	Current Quarter/Year Year to Date Balance (c)	Previous Quarter/Year Year to Date Balance (d)
	UNAPPROPRIATED RETAINED EARNINGS (Account 216)			
1	Balance-Beginning of Period		2,166,950,731	1,960,512,558
2	Changes			
3	Adjustments to Retained Earnings (Account 439)			
4				2,693,475
5				
6				
7				
8				
9	TOTAL Credits to Retained Earnings (Acct. 439)			2,693,475
10				
11				
12				
13				
14				
15	TOTAL Debits to Retained Earnings (Acct. 439)			
16	Balance Transferred from Income (Account 433 less Account 418.1)		715,344,976	664,744,698
17	Appropriations of Retained Earnings (Acct. 436)			
18				
19				
20				
21				
22	TOTAL Appropriations of Retained Earnings (Acct. 436)			
23	Dividends Declared-Preferred Stock (Account 437)			
24				
25				
26				
27				
28				
29	TOTAL Dividends Declared-Preferred Stock (Acct. 437)			
30	Dividends Declared-Common Stock (Account 438)			
31			-493,505,000	(461,000,000)
32				
33				
34				
35				
36	TOTAL Dividends Declared-Common Stock (Acct. 438)		-493,505,000	(461,000,000)
37	Transfers from Acct 216.1, Unapprop. Undistrib. Subsidiary Earnings			
38	Balance - End of Period (Total 1,9,15,16,22,29,36,37)		2,388,790,707	2,166,950,731
	APPROPRIATED RETAINED EARNINGS (Account 215)			
39				
40				

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STATEMENT OF RETAINED EARNINGS

1. Do not report Lines 49-53 on the quarterly version.
2. Report all changes in appropriated retained earnings, unappropriated retained earnings, year to date, and unappropriated undistributed subsidiary earnings for the year.
3. Each credit and debit during the year should be identified as to the retained earnings account in which recorded (Accounts 433, 436 - 439 inclusive). Show the contra primary account affected in column (b)
4. State the purpose and amount of each reservation or appropriation of retained earnings.
5. List first account 439, Adjustments to Retained Earnings, reflecting adjustments to the opening balance of retained earnings. Follow by credit, then debit items in that order.
6. Show dividends for each class and series of capital stock.
7. Show separately the State and Federal income tax effect of items shown in account 439, Adjustments to Retained Earnings.
8. Explain in a footnote the basis for determining the amount reserved or appropriated. If such reservation or appropriation is to be recurrent, state the number and annual amounts to be reserved or appropriated as well as the totals eventually to be accumulated.
9. If any notes appearing in the report to stockholders are applicable to this statement, include them on pages 122-123.

Line No.	Item (a)	Contra Primary Account Affected (b)	Current Quarter/Year Year to Date Balance (c)	Previous Quarter/Year Year to Date Balance (d)
41				
42				
43				
44				
45	TOTAL Appropriated Retained Earnings (Account 215)			
	APPROP. RETAINED EARNINGS - AMORT. Reserve, Federal (Account 215.1)			
46	TOTAL Approp. Retained Earnings-Amort. Reserve, Federal (Acct. 215.1)			
47	TOTAL Approp. Retained Earnings (Acct. 215, 215.1) (Total 45,46)			
48	TOTAL Retained Earnings (Acct. 215, 215.1, 216) (Total 38, 47) (216.1)		2,388,790,707	2,166,950,731
	UNAPPROPRIATED UNDISTRIBUTED SUBSIDIARY EARNINGS (Account			
	Report only on an Annual Basis, no Quarterly			
49	Balance-Beginning of Year (Debit or Credit)		200,681	202,072
50	Equity in Earnings for Year (Credit) (Account 418.1)		-13,375	(1,391)
51	(Less) Dividends Received (Debit)			
52				
53	Balance-End of Year (Total lines 49 thru 52)		187,306	200,681

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STATEMENT OF CASH FLOWS

(1) Codes to be used:(a) Net Proceeds or Payments;(b)Bonds, debentures and other long-term debt; (c) Include commercial paper; and (d) Identify separately such items as investments, fixed assets, intangibles, etc.

(2) Information about noncash investing and financing activities must be provided in the Notes to the Financial statements. Also provide a reconciliation between "Cash and Cash Equivalents at End of Period" with related amounts on the Balance Sheet.

(3) Operating Activities - Other: Include gains and losses pertaining to operating activities only. Gains and losses pertaining to investing and financing activities should be reported in those activities. Show in the Notes to the Financials the amounts of interest paid (net of amount capitalized) and income taxes paid.

(4) Investing Activities: Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed in the Notes to the Financial Statements. Do not include on this statement the dollar amount of leases capitalized per the USofA General Instruction 20; instead provide a reconciliation of the dollar amount of leases capitalized with the plant cost.

Line No.	Description (See Instruction No. 1 for Explanation of Codes) (a)	Current Year to Date Quarter/Year (b)	Previous Year to Date Quarter/Year (c)
1	Net Cash Flow from Operating Activities:		
2	Net Income (Line 78(c) on page 117)	715,331,601	664,743,307
3	Noncash Charges (Credits) to Income:		
4	Depreciation and Depletion	911,958,019	781,420,210
5	Amortization of Debt Related Items	7,655,139	7,201,997
6	Amortization of Regulatory Debits and Credits	-109,466,009	-83,321,771
7	Accretion Expense	136,149,439	127,883,401
8	Deferred Income Taxes (Net)	101,797,750	193,863,883
9	Investment Tax Credit Adjustment (Net)	-5,909,801	-4,216,444
10	Net (Increase) Decrease in Receivables	73,026,320	11,246,365
11	Net (Increase) Decrease in Inventory	259,548	795
12	Net (Increase) Decrease in Allowances Inventory	5,943,177	3,335,056
13	Net Increase (Decrease) in Payables and Accrued Expenses	-135,854,176	143,201,420
14	Net (Increase) Decrease in Other Regulatory Assets	201,704,441	-18,157,614
15	Net Increase (Decrease) in Other Regulatory Liabilities	-140,105,032	3,442,930
16	(Less) Allowance for Other Funds Used During Construction	22,168,579	19,451,807
17	(Less) Undistributed Earnings from Subsidiary Companies		
18	Other: Accrued Pension	-495,425	-93,373,575
19	Other: Postretirement Obligation	88,202,670	-32,722,984
20	Other: Operating	-138,464,326	-12,438,042
21			
22	Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21)	1,689,564,756	1,672,657,127
23			
24	Cash Flows from Investment Activities:		
25	Construction and Acquisition of Plant (including land):		
26	Gross Additions to Utility Plant (less nuclear fuel)	-1,692,529,767	-1,444,971,638
27	Gross Additions to Nuclear Fuel	-77,557,057	-2,758,345
28	Gross Additions to Common Utility Plant		
29	Gross Additions to Nonutility Plant		
30	(Less) Allowance for Other Funds Used During Construction	-22,168,579	-19,451,807
31	Other: Removal Costs	-290,606,311	-246,806,765
32	Other: Change in Construction in Progress	-153,477,431	-300,598,242
33			
34	Cash Outflows for Plant (Total of lines 26 thru 33)	-2,192,001,987	-1,975,683,183
35			
36	Acquisition of Other Noncurrent Assets (d)		
37	Proceeds from Disposal of Noncurrent Assets (d)		1,120,000
38			
39	Investments in and Advances to Assoc. and Subsidiary Companies		
40	Contributions and Advances from Assoc. and Subsidiary Companies		
41	Disposition of Investments in (and Advances to)		
42	Associated and Subsidiary Companies		
43			
44	Purchase of Investment Securities (a)		
45	Proceeds from Sales of Investment Securities (a)		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STATEMENT OF CASH FLOWS

(1) Codes to be used:(a) Net Proceeds or Payments;(b)Bonds, debentures and other long-term debt; (c) Include commercial paper; and (d) Identify separately such items as investments, fixed assets, intangibles, etc.
(2) Information about noncash investing and financing activities must be provided in the Notes to the Financial statements. Also provide a reconciliation between "Cash and Cash Equivalents at End of Period" with related amounts on the Balance Sheet.
(3) Operating Activities - Other: Include gains and losses pertaining to operating activities only. Gains and losses pertaining to investing and financing activities should be reported in those activities. Show in the Notes to the Financials the amounts of interest paid (net of amount capitalized) and income taxes paid.
(4) Investing Activities: Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed in the Notes to the Financial Statements. Do not include on this statement the dollar amount of leases capitalized per the USofA General Instruction 20; instead provide a reconciliation of the dollar amount of leases capitalized with the plant cost.

Line No.	Description (See Instruction No. 1 for Explanation of Codes) (a)	Current Year to Date Quarter/Year (b)	Previous Year to Date Quarter/Year (c)
46	Loans Made or Purchased		
47	Collections on Loans		
48	Other Investments	-14,139,454	-2,222,883
49	Net (Increase) Decrease in Receivables		
50	Net (Increase) Decrease in Inventory		
51	Net (Increase) Decrease in Allowances Held for Speculation		
52	Net Increase (Decrease) in Payables and Accrued Expenses		
53	Other: Proceeds from Nuclear Decommissioning Trust Fund Assets	787,647,723	1,203,029,568
54	Other: Investment in Nuclear Decommissioning Trust Fund Assets	-793,622,905	-1,188,459,667
55	Other: Notes Receivable	8,733,688	-8,052,749
56	Net Cash Provided by (Used in) Investing Activities		
57	Total of lines 34 thru 55)	-2,203,382,935	-1,970,268,914
58			
59	Cash Flows from Financing Activities:		
60	Proceeds from Issuance of:		
61	Long-Term Debt (b)	650,000,000	525,000,000
62	Preferred Stock		
63	Common Stock		
64	Other: Capital Contribution from Parent Company	180,200,000	325,000,000
65			
66	Net Increase in Short-Term Debt (c)	204,907,160	
67	Other (provide details in footnote):		
68			
69			
70	Cash Provided by Outside Sources (Total 61 thru 69)	1,035,107,160	850,000,000
71			
72	Payments for Retirement of:		
73	Long-term Debt (b)		
74	Preferred Stock		
75	Common Stock		
76	Other: Capital Lease Obligation		-5,276,803
77	Other: Notes Payable	-26,748,593	
78	Net Decrease in Short-Term Debt (c)		-77,043,179
79	Other: Long-Term Debt Issuance Costs	-7,062,506	-5,748,816
80	Dividends on Preferred Stock		
81	Dividends on Common Stock	-493,505,000	-461,000,000
82	Net Cash Provided by (Used in) Financing Activities		
83	(Total of lines 70 thru 81)	507,791,061	300,931,202
84			
85	Net Increase (Decrease) in Cash and Cash Equivalents		
86	(Total of lines 22,57 and 83)	-6,027,118	3,319,415
87			
88	Cash and Cash Equivalents at Beginning of Period	17,991,952	14,672,537
89			
90	Cash and Cash Equivalents at End of period	11,964,834	17,991,952

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 04/15/2020	Year/Period of Report End of 2019/Q4
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NOTES TO FINANCIAL STATEMENTS

1. Use the space below for important notes regarding the Balance Sheet, Statement of Income for the year, Statement of Retained Earnings for the year, and Statement of Cash Flows, or any account thereof. Classify the notes according to each basic statement, providing a subheading for each statement except where a note is applicable to more than one statement.
2. Furnish particulars (details) as to any significant contingent assets or liabilities existing at end of year, including a brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also a brief explanation of any dividends in arrears on cumulative preferred stock.
3. For Account 116, Utility Plant Adjustments, explain the origin of such amount, debits and credits during the year, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.
4. Where Accounts 189, Unamortized Loss on Reacquired Debt, and 257, Unamortized Gain on Reacquired Debt, are not used, give an explanation, providing the rate treatment given these items. See General Instruction 17 of the Uniform System of Accounts.
5. Give a concise explanation of any retained earnings restrictions and state the amount of retained earnings affected by such restrictions.
6. If the notes to financial statements relating to the respondent company appearing in the annual report to the stockholders are applicable and furnish the data required by instructions above and on pages 114-121, such notes may be included herein.
7. For the 3Q disclosures, respondent must provide in the notes sufficient disclosures so as to make the interim information not misleading. Disclosures which would substantially duplicate the disclosures contained in the most recent FERC Annual Report may be omitted.
8. For the 3Q disclosures, the disclosures shall be provided where events subsequent to the end of the most recent year have occurred which have a material effect on the respondent. Respondent must include in the notes significant changes since the most recently completed year in such items as: accounting principles and practices; estimates inherent in the preparation of the financial statements; status of long-term contracts; capitalization including significant new borrowings or modifications of existing financing agreements; and changes resulting from business combinations or dispositions. However were material contingencies exist, the disclosure of such matters shall be provided even though a significant change since year end may not have occurred.
9. Finally, if the notes to the financial statements relating to the respondent appearing in the annual report to the stockholders are applicable and furnish the data required by the above instructions, such notes may be included herein.

PAGE 122 INTENTIONALLY LEFT BLANK
SEE PAGE 123 FOR REQUIRED INFORMATION.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Per instruction 2 and 3 of the Statement of Cash Flows page 120, the following information is provided:

December 31, 2019

(In millions)

Supplemental disclosure of cash information

Cash paid for:

Interest, net of interest capitalized	\$ 295
Income taxes	\$ 46

Supplemental disclosure of non-cash investing and financing activities

Plant and equipment expenditures in accounts payable	\$ 192
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See below for additional required information as called for per instructions on page 122.

Definitions

- ACE – Affordable Clean Energy
- AFUDC – Allowance for Funds Used During Construction
- AGS – Appalachia Gathering System is a midstream natural gas asset located in Pennsylvania and West Virginia. DTE Energy purchased 100% of AGS in October 2016, and this asset is part of DTE Energy's Gas Storage and Pipelines segment
- AMV – Applicable Market Value
- ARO – Asset Retirement Obligation
- ASU – Accounting Standards Update issued by the FASB
- Blue Union – Blue Union gathering system is a midstream natural gas asset located in the Haynesville shale formation of Louisiana. DTE Energy purchased 100% of Blue Union in December 2019 and this asset is part of DTE Energy's Gas Storage and Pipelines segment
- CAD – Canadian Dollar (C\$)
- CCR – Coal Combustion Residuals
- CFTC – U.S. Commodity Futures Trading Commission
- DOE – U.S. Department of Energy
- DTE Electric – DTE Electric Company (an indirect wholly-owned subsidiary of DTE Energy) and subsidiary companies
- DTE Energy – DTE Energy Company, directly or indirectly the parent of DTE Electric, DTE Gas, and numerous non-utility subsidiaries
- DTE Gas – DTE Gas Company (an indirect wholly owned subsidiary of DTE Energy) and subsidiary companies
- DTE Sustainable Generation – DTE Sustainable Generation Holdings, LLC (an indirect wholly-owned subsidiary of DTE Energy) and subsidiary companies
- EGLE – Michigan Department of Environment, Great Lakes, and Energy, formerly known as Michigan Department of Environmental Quality
- EGU – Electric Generating Unit
- ELG – Effluent Limitations Guidelines
- EPA – U.S. Environmental Protection Agency
- Equity units – DTE Energy's equity units issued in October 2016 and November 2019, which were used to finance Gas Storage and Pipelines acquisitions on October 1, 2016 and December 4, 2019
- FASB – Financial Accounting Standards Board

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

- FERC – Federal Energy Regulatory Commission
- FOV – Finding of Violation
- FTRs – Financial Transmission Rights are financial instruments that entitle the holder to receive payments related to costs incurred for congestion on the transmission grid
- GCR – A Gas Cost Recovery mechanism authorized by the MPSC that allows DTE Gas to recover through rates its natural gas costs
- GHGs – Greenhouse gases
- Green Bonds – A financing option to fund projects that have a positive environmental impact. The proceeds are required to be used for eligible green expenditures
- IRS – Internal Revenue Service
- ISO – Independent System Operator
- LEAP – Louisiana Energy Access Project gathering pipeline is a midstream natural gas asset located in the Haynesville shale formation of Louisiana. DTE Energy purchased 100% of LEAP in December 2019 and this asset is part of DTE Energy's Gas Storage and Pipelines segment
- LIBOR – London Inter-Bank Offered Rates
- LLC – DTE Energy Corporate Services, LLC, a subsidiary of DTE Energy
- MGP – Manufactured Gas Plant
- MISO – Midcontinent Independent System Operator, Inc.
- MPSC – Michigan Public Service Commission
- MTM – Mark-to-market
- NAV – Net Asset Value
- NEIL – Nuclear Electric Insurance Limited
- NEXUS – NEXUS Gas Transmission, LLC, a joint venture in which DTE Energy owns a 50% partnership interest
- Non-utility – An entity that is not a public utility. Its conditions of service, prices of goods and services, and other operating related matters are not directly regulated by the MPSC
- NOV – Notice of Violation
- NOx – Nitrogen Oxides
- NRC – U.S. Nuclear Regulatory Commission
- PG&E – Pacific Gas and Electric Corporation
- PLD – City of Detroit's Public Lighting Department
- Production tax credits – Tax credits as authorized under Sections 45K and 45 of the Internal Revenue Code that are designed to stimulate investment in and development of alternate fuel sources. The amount of a production tax credit can vary each year as determined by the IRS
- PSRC – A Power Supply Cost Recovery mechanism authorized by the MPSC that allows DTE Electric to recover through rates its fuel, fuel-related, and purchased power costs
- RDM – A Revenue Decoupling Mechanism authorized by the MPSC that is designed to minimize the impact on revenues of changes in average customer usage
- REC – Renewable Energy Credit
- REF – Reduced Emissions Fuel
- Registrants – DTE Energy and DTE Electric
- Retail access – Michigan legislation provided customers the option of access to alternative suppliers for electricity and natural gas.
- RNG – Renewable Natural Gas
- RPS – A Renewable Portfolio Standards mechanism authorized by the MPSC that allows DTE Electric to recover through rates its renewable energy costs

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

- RSN – Remarketable Senior Notes
- RTO – Regional Transmission Organization
- SEC – Securities and Exchange Commission
- SGG – Stonewall Gas Gathering is a midstream natural gas asset located in West Virginia. DTE Energy purchased 55% of SGG in October 2016, and an additional 30% in May 2019, bringing its ownership to 85%. SGG is part of DTE Energy's non-utility Gas Storage and Pipelines segment
- SO₂ – Sulfur Dioxide
- TCJA – Tax Cuts and Jobs Act of 2017
- TCJA rate reduction liability – Due to the change in the corporate tax rate, from January 1, 2018 to June 30, 2018 for DTE Gas and January 1, 2018 to July 31, 2018 for DTE Electric, the utilities reduced revenue and recorded an offsetting regulatory liability
- Topic 606 – FASB issued ASU No. 2014-09, Revenue from Contracts with Customers, as amended
- Topic 840 – FASB issued ASC 840, Leases
- Topic 842 – FASB issued ASU No. 2016-02, Leases, as amended, which replaced Topic 840
- TRIA – Terrorism Risk Insurance Program Reauthorization Act of 2015
- TRM – A Transitional Reconciliation Mechanism authorized by the MPSC that allows DTE Electric to recover through rates the deferred net incremental revenue requirement associated with the transition of PLD customers to DTE Electric's distribution system
- USD– United States Dollar (\$)
- VEBA – Voluntary Employees Beneficiary Association
- VIE – Variable Interest Entity
- Bcf – Billion cubic feet of natural gas
- BTU – Heat value (energy content) of fuel
- kWh – Kilowatt-hour of electricity
- MDth/d – Million dekatherms per day
- MMBtu – One million BTU
- MW – Megawatt of electricity
- MWh – Megawatt-hour of electricity

Instruction 6

DTE Electric's Notes to Consolidated Financial Statements have been combined with DTE Energy Company and are prepared in conformity with generally accepted accounting principles. Accordingly, certain footnotes are not reflective of DTE Electric's financial statements contained herein.

The footnotes included herein are from DTE Electric's annual report as of December 31, 2019, which are prepared on a consolidated basis as permitted by instruction 6 on page 122 of this report. Subsequent to the filing of DTE Electric's annual report, additional disclosures were deemed necessary for this report. See subsequent event on page 123.102 of this report. The accompanying financial statements on pages 110-122B have been prepared in accordance with the accounting requirements of the MPSC as set forth in its Uniform System of Accounts (USOA). The principal differences of this basis of accounting from accounting principles generally accepted in the United States (U.S. GAAP) result in various financial statement classification differences, but do not result in net income differences. The following are the significant differences between MPSC reporting and U.S. GAAP:

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

- *Accumulated Deferred Income Taxes* – Accumulated deferred income taxes are classified as non-current for U.S. GAAP financial reporting purposes by presenting net non-current assets and liabilities on the balance sheet in accordance with ASC 740, Income Taxes. To comply with USOA, deferred income tax assets are reported as accumulated deferred income taxes within non-current deferred debits separate from deferred income tax liabilities, which are reported as accumulated deferred income taxes within non-current deferred credits.

In accordance with guidance issued by FERC in May 2007 (Docket No. AI07-2-000, Accounting and Financial Reporting for Uncertainty in Income Taxes), ASC 740-10 liabilities established for uncertain tax positions related to temporary differences recorded in accrued taxes, have been reclassified to the accumulated deferred income tax accounts, if applicable. ASC 740-10 requires interest and penalties, if applicable, to be accrued on differences between tax positions recognized in our financial statements and the amount claimed, or expected to be claimed, on the tax return. DTE Electric's policy for U.S. GAAP financial reporting purposes is to include interest and penalties accrued, if any, on uncertain tax positions as part of income tax expense in the income statement. To comply with USOA, interest expense and penalties, if any, attributable to uncertain tax positions are included in account 431, Interest Expense and Account 426.3, Penalties, respectively.

- *Accumulated Depreciation and Amortization* – Capital lease amortization is included in accumulated depreciation and amortization for U.S. GAAP purposes and is netted against the capital lease asset under the USOA.
- *Accumulated Removal Costs* – The accumulated removal costs for the regulated property, plant, and equipment that do not meet the definition of an asset retirement obligation under ASC 410, Asset Retirement and Environmental Obligations, are classified as a regulatory liability under U.S. GAAP and as accumulated provision for depreciation under the USOA.
- *Debt* – Current portions of long-term debt and bonds are classified as current liabilities for U.S. GAAP reporting. For USOA all long-term liabilities and bonds both current and non-current portions are considered non-current liabilities.
- *Debt Issuance Costs* – Any deferred costs associated with a specific debt issuance as required by U.S. GAAP is to be presented as a reduction to debt on the consolidated statements of financial position. Under the USOA, unamortized debt issuance costs are deferred debits on the comparative balance sheet.
- *Derivative Assets and Liabilities* – For U.S. GAAP purposes, derivative assets and liabilities are marked-to-market and charged to a regulatory asset or liability. However, for USOA these balances are eliminated.
- *Investments in Subsidiaries* – DTE Electric's investments in its subsidiaries are accounted for under the equity method of accounting in accordance with USOA. For U.S. GAAP the assets, liabilities, revenues and expenses of these subsidiaries are consolidated.
- *Operating Lease Right-of-use Assets and Liabilities* – For U.S. GAAP purposes, DTE Electric's operating lease right-of-use assets and liabilities are separately stated in current and long-term assets and liabilities. For USOA, right-of-use assets are recorded as Utility Plant and operating lease liabilities are recorded within Obligations under Capital Leases – Current and Obligations under Capital Leases – Non-current, respectively. Footnote disclosures are included to indicate the amount of operating lease right-of-use assets and liabilities that are included within the capital lease accounts.
- *Finance Lease Amortization* – DTE Electric finance lease amortization and interest expense is charged to rent expense in accordance with USOA and to amortization and interest expense under U.S. GAAP.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

- *Reduced Emission Fuels (REF) Inventory* – DTE Electric sells coal to an affiliate to be chemically treated in order to produce refined coal with lower emissions. After treatment, the Company buys back the refined coal for use in the power plant. The inventory is sold at book value under a valid, executed contract and the title is legally transferred from DTE Electric to the affiliate. For USOA, the transaction represents a legal sale and therefore the ledger of DTE Electric reflects the sale and reduction of inventory. For U.S. GAAP purposes, this is considered a product financing arrangement and does not qualify for treatment as a legal sale. Therefore, the inventory is reclassified back to the general ledger of DTE Electric for SEC reporting.
- *Renewable Energy Credits and Emission Allowances* – For U.S. GAAP purpose, RECs and emission allowances are classified as intangible assets whereas for USOA they are classified as inventory.
- *Unamortized Loss on Reacquired Debt and Energy Costs Receivable or Refundable through Rate Adjustments* – Under U.S. GAAP reporting these are shown as regulatory assets and liabilities whereas for USOA these are shown as deferred debits and current assets and liabilities.
- *Undepreciated Costs on Retiring Plants* — Deferral of undepreciated costs on remaining coal power plants expected to be retired within the 2020 to 2023 time-frame and are recognized as a regulatory asset for U.S. GAAP reporting as approved by the MPSC. Under USOA, the undepreciated costs are included as accumulated provision for depreciation.
- *Pension and Postretirement Benefit Costs* – Pension and postretirement benefit costs are recognized for U.S. GAAP financial reporting purposes based on the provisions of Accounting Standards Update (ASU) No. 2017-07, Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost. ASU No. 2017-07 requires that the service cost component of net benefit costs be reported with other compensation costs arising from services rendered by employees, while presenting the other cost components outside of income from operations. The ASU also allows only the service cost component to be eligible for capitalization when applicable. Effective January 1, 2018, DTE Electric elected to capitalize only the service cost component of net benefit costs. To comply with the USOA, all pension and postretirement benefit costs are included as a component of operating expense on the statement of income. As a result of multi-employer accounting treatment for U.S. GAAP, capitalized costs associated with the pension plan are reflected within Property, plant, and equipment. These same capitalized costs are shown as regulatory assets/liabilities in accordance with the USOA.
- *Other Reclassifications* – Certain other reclassifications of balance sheet, income statement, and cash flow amounts have been made in order to conform to the USOA.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Index of Combined Notes to Consolidated Financial Statements

The Combined Notes to Consolidated Financial Statements are a combined presentation for DTE Energy and DTE Electric. The following list indicates the Registrant(s) to which each note applies:

Note 1	Organization and Basis of Presentation	DTE Energy and DTE Electric
Note 2	Significant Accounting Policies	DTE Energy and DTE Electric
Note 3	New Accounting Pronouncements	DTE Energy and DTE Electric
Note 4	Acquisitions	DTE Energy
Note 5	Revenue	DTE Energy and DTE Electric
Note 6	Goodwill	DTE Energy
Note 7	Property, Plant, and Equipment	DTE Energy and DTE Electric
Note 8	Jointly-Owned Utility Plant	DTE Energy and DTE Electric
Note 9	Asset Retirement Obligations	DTE Energy and DTE Electric
Note 10	Regulatory Matters	DTE Energy and DTE Electric
Note 11	Income Taxes	DTE Energy and DTE Electric
Note 12	Common Stock and Earnings Per Share	DTE Energy
Note 13	Fair Value	DTE Energy and DTE Electric
Note 14	Financial and Other Derivative Instruments	DTE Energy and DTE Electric
Note 15	Long-Term Debt	DTE Energy and DTE Electric
Note 16	Preferred and Preference Securities	DTE Energy and DTE Electric
Note 17	Short-Term Credit Arrangements and Borrowings	DTE Energy and DTE Electric
Note 18	Leases	DTE Energy and DTE Electric
Note 19	Commitments and Contingencies	DTE Energy and DTE Electric
Note 20	Nuclear Operations	DTE Energy and DTE Electric
Note 21	Retirement Benefits and Trusteed Assets	DTE Energy and DTE Electric
Note 22	Stock-Based Compensation	DTE Energy and DTE Electric
Note 23	Segment and Related Information	DTE Energy
Note 24	Related Party Transactions	DTE Electric
Note 25	Supplementary Quarterly Financial Information (Unaudited)	DTE Energy and DTE Electric

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NOTES TO FINANCIAL STATEMENTS (Continued)			

NOTE 1 — ORGANIZATION AND BASIS OF PRESENTATION

Corporate Structure

DTE Energy owns the following businesses:

- DTE Electric is a public utility engaged in the generation, purchase, distribution, and sale of electricity to approximately 2.2 million customers in southeastern Michigan;
- DTE Gas is a public utility engaged in the purchase, storage, transportation, distribution, and sale of natural gas to approximately 1.3 million customers throughout Michigan and the sale of storage and transportation capacity; and
- Other businesses primarily involved in 1) services related to the gathering, transportation, and storage of natural gas; 2) power and industrial projects; and 3) energy marketing and trading operations.

DTE Electric and DTE Gas are regulated by the MPSC. Certain activities of DTE Electric and DTE Gas, as well as various other aspects of businesses under DTE Energy are regulated by the FERC. In addition, the Registrants are regulated by other federal and state regulatory agencies including the NRC, the EPA, the EGLE, and for DTE Energy, the CFTC.

Basis of Presentation

The accompanying Consolidated Financial Statements of the Registrants are prepared using accounting principles generally accepted in the United States of America. These accounting principles require management to use estimates and assumptions that impact reported amounts of assets, liabilities, revenues and expenses, and the disclosure of contingent assets and liabilities. Actual results may differ from the Registrants' estimates.

The information in these combined notes relates to each of the Registrants as noted in the Index of Combined Notes to Consolidated Financial Statements. However, DTE Electric does not make any representation as to information related solely to DTE Energy or the subsidiaries of DTE Energy other than itself.

Certain prior year balances for the Registrants were reclassified to match the current year's Consolidated Financial Statements presentation.

Principles of Consolidation

The Registrants consolidate all majority-owned subsidiaries and investments in entities in which they have controlling influence. Non-majority owned investments are accounted for using the equity method when the Registrants are able to significantly influence the operating policies of the investee. When the Registrants do not influence the operating policies of an investee, the cost method is used. These Consolidated Financial Statements also reflect the Registrants' proportionate interests in certain jointly-owned utility plants. The Registrants eliminate all intercompany balances and transactions.

The Registrants evaluate whether an entity is a VIE whenever reconsideration events occur. The Registrants consolidate VIEs for which they are the primary beneficiary. If a Registrant is not the primary beneficiary and an ownership interest is held, the VIE is accounted for under the equity method of accounting. When assessing the determination of the primary beneficiary, a Registrant considers all relevant facts and circumstances, including: the power, through voting or similar rights, to direct the activities of the VIE that most significantly impact the VIE's economic performance and the obligation to absorb the expected losses and/or the right to receive the expected returns of the VIE. The Registrants perform ongoing reassessments of all VIEs to determine if the primary beneficiary status has changed.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Legal entities within DTE Energy's Power and Industrial Projects segment enter into long-term contractual arrangements with customers to supply energy-related products or services. The entities are generally designed to pass-through the commodity risk associated with these contracts to the customers, with DTE Energy retaining operational and customer default risk. These entities generally are VIEs and consolidated when DTE Energy is the primary beneficiary. In addition, DTE Energy has interests in certain VIEs through which control of all significant activities is shared with partners, and therefore are generally accounted for under the equity method.

DTE Energy currently owns an 85% interest in SGG, which owns and operates midstream natural gas assets. SGG has contracts through which certain construction risk is designed to pass-through to the customers, with DTE Energy retaining operational and customer default risk. SGG is a VIE with DTE Energy as the primary beneficiary.

The Registrants have variable interests in NEXUS, which include DTE Energy's 50% ownership interest and DTE Electric's transportation services contract. NEXUS is a joint venture which owns a 256-mile pipeline to transport Utica and Marcellus shale gas to Ohio, Michigan, and Ontario market centers. NEXUS also owns Generation Pipeline, LLC, a 23-mile regulated pipeline system located in northern Ohio, which was acquired in September 2019. Refer to Note 4, "Acquisitions," for additional information. NEXUS is a VIE as it has insufficient equity at risk to finance its activities. The Registrants are not the primary beneficiaries, as the power to direct significant activities is shared between the owners of the equity interests. DTE Energy accounts for its ownership interest in NEXUS under the equity method.

The Registrants hold ownership interests in certain limited partnerships. The limited partnerships include investment funds which support regional development and economic growth, as well as an operational business providing energy-related products. These entities are generally VIEs as a result of certain characteristics of the limited partnership voting rights. The ownership interests are accounted for under the equity method as the Registrants are not the primary beneficiaries.

DTE Energy has variable interests in VIEs through certain of its long-term purchase and sale contracts. DTE Electric has variable interests in VIEs through certain of its long-term purchase contracts. As of December 31, 2019, the carrying amount of assets and liabilities in DTE Energy's Consolidated Statements of Financial Position that relate to its variable interests under long-term purchase and sale contracts are predominantly related to working capital accounts and generally represent the amounts owed by or to DTE Energy for the deliveries associated with the current billing cycle under the contracts. As of December 31, 2019, the carrying amount of assets and liabilities in DTE Electric's Consolidated Statements of Financial Position that relate to its variable interests under long-term purchase contracts are predominantly related to working capital accounts and generally represent the amounts owed by DTE Electric for the deliveries associated with the current billing cycle under the contracts. The Registrants have not provided any significant form of financial support associated with these long-term contracts. There is no material potential exposure to loss as a result of DTE Energy's variable interests through these long-term purchase and sale contracts. In addition, there is no material potential exposure to loss as a result of DTE Electric's variable interests through these long-term purchase contracts.

The maximum risk exposure for consolidated VIEs is reflected on the Registrants' Consolidated Statements of Financial Position and for DTE Energy, in Note 19 to the Consolidated Financial Statements, "Commitments and Contingencies," related to the REF guarantees and indemnities. For non-consolidated VIEs, the maximum risk exposure of the Registrants is generally limited to their investment, notes receivable, future funding commitments, and amounts which DTE Energy has guaranteed. See Note 19 to the Consolidated Financial Statements, "Commitments and Contingencies," for further discussion of the NEXUS guarantee arrangements.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following table summarizes the major Consolidated Statements of Financial Position items for consolidated VIEs as of December 31, 2019 and 2018. All assets and liabilities of a consolidated VIE are presented where it has been determined that a consolidated VIE has either (1) assets that can be used only to settle obligations of the VIE or (2) liabilities for which creditors do not have recourse to the general credit of the primary beneficiary. VIEs, in which DTE Energy holds a majority voting interest and is the primary beneficiary, that meet the definition of a business and whose assets can be used for purposes other than the settlement of the VIE's obligations have been excluded from the table below.

Amounts for DTE Energy's consolidated VIEs are as follows:

	December 31, 2019			December 31, 2018		
	SGG(a)	Other	Total	SGG(a)	Other	Total
(In millions)						
ASSETS						
Cash and cash equivalents	\$ 16	\$ 11	\$ 27	\$ 25	\$ 14	\$ 39
Restricted cash	—	—	—	—	5	5
Accounts receivable	8	19	27	9	37	46
Inventories	—	74	74	1	92	93
Property, plant, and equipment, net	410	33	443	395	46	441
Goodwill	25	—	25	25	—	25
Intangible assets	542	—	542	557	—	557
Other current and long-term assets	2	—	2	3	—	3
	<u>\$ 1,003</u>	<u>\$ 137</u>	<u>\$ 1,140</u>	<u>\$ 1,015</u>	<u>\$ 194</u>	<u>\$ 1,209</u>
LIABILITIES						
Accounts payable and accrued current liabilities	\$ 2	\$ 13	\$ 15	\$ 3	\$ 31	\$ 34
Other current and long-term liabilities	7	7	14	9	10	19
	<u>\$ 9</u>	<u>\$ 20</u>	<u>\$ 29</u>	<u>\$ 12</u>	<u>\$ 41</u>	<u>\$ 53</u>

(a) Amounts shown are 100% of SGG's assets and liabilities, of which DTE Energy owns 85% at December 31, 2019 and 55% at December 31, 2018.

Amounts for DTE Energy's non-consolidated VIEs are as follows:

	December 31,	
	2019	2018
(In millions)		
Investments in equity method investees	\$ 1,503	\$ 1,425
Notes receivable	\$ 21	\$ 15
Future funding commitments	\$ 63	\$ 55

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Equity Method Investments

Investments in non-consolidated affiliates that are not controlled by the Registrants, but over which they have significant influence, are accounted for using the equity method. Certain of the equity method investees are also considered VIEs and disclosed in the non-consolidated VIEs table above. At December 31, 2019 and 2018, DTE Energy's share of the underlying equity in the net assets of the investees exceeded the carrying amounts of Investments in equity method investees by \$74 million and \$59 million, respectively. The difference is being amortized over the life of the underlying assets.

DTE Energy equity method investees are described below:

Segment	Investments		% Owned		Description
	2019	2018	2019	2018	
	(In millions)				
Significant Equity Method Investees					
Gas Storage and Pipelines					
NEXUS Pipeline	\$ 1,345	\$ 1,260	50%	50%	256-mile pipeline to transport Utica and Marcellus shale gas to Ohio, Michigan, and Ontario market centers. Also includes Generation Pipeline, a 23-mile pipeline located in northern Ohio
Vector Pipeline	131	123	40%	40%	348-mile pipeline connecting Chicago, Michigan, and Ontario market centers
Millennium Pipeline	209	202	26%	26%	263-mile pipeline serving markets in the Northeast
	1,685	1,585			
Other Equity Method Investees					
Other Segments	177	186			
	\$ 1,862	\$ 1,771			

The balances in Other Equity Method Investees are individually insignificant and are primarily from the Power and Industrial Projects segment. These investments are comprised of projects that deliver energy and utility-type products and services to an industrial customer, sell electricity from renewable energy projects under long-term power purchase agreements, and produce and sell metallurgical coke.

For further information by segment, see Note 23 to the Consolidated Financial Statements, "Segment and Related Information."

The following table presents summarized financial information of subsidiaries not consolidated and 50 percent or less owned by DTE Energy. The amounts included in the table below represents 100% of the results of continuing operations of such entities accounted for under the equity method of accounting.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Summarized balance sheet data is as follows:

	December 31,	
	2019	2018
	(In millions)	
Current Assets	\$ 374	\$ 358
Non-current assets	\$ 5,260	\$ 5,101
Current Liabilities	\$ 414	\$ 391
Non-current liabilities	\$ 698	\$ 762

Summarized income statement data is as follows:

	December 31,		
	2019	2018	2017
	(In millions)		
Operating Revenues	\$ 1,210	\$ 883	\$ 756
Operating Expenses	\$ 853	\$ 622	\$ 561
Net Income	\$ 313	\$ 365	\$ 254

NOTE 2 — SIGNIFICANT ACCOUNTING POLICIES

Other Income

Other income for the Registrants is recognized for non-operating income such as equity earnings of equity method investees, allowance for equity funds used during construction, contract services, and gains (losses) from trading securities. DTE Energy's Power and Industrial Projects segment also recognizes Other income in connection with the sale of membership interests in reduced emissions fuel facilities to investors. In exchange for the cash received, the investors will receive a portion of the economic attributes of the facilities, including income tax attributes. The transactions are not treated as a sale of membership interests for financial reporting purposes. Other income related to fixed non-refundable cash payments received from investors for which the earnings process is not contingent upon production of refined coal is recognized on a straight-line basis over the non-cancelable contract term as the economic benefit from the ownership of the facility is transferred to investors. Other income related to cash payments that is contingent upon production of refined coal is considered earned and recognized when the contingency regarding the timing and amount of payment is resolved, generally as refined coal is produced and tax credits are generated.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following is a summary of DTE Energy's Other income:

	2019	2018	2017
	(In millions)		
Income from REF entities	\$ 130	\$ 98	\$ 77
Equity earnings of equity method investees	111	132	102
Gains from equity securities	37	6	26
Contract services	29	51	19
Allowance for equity funds used during construction	24	28	23
Other	19	18	21
	<u>\$ 350</u>	<u>\$ 333</u>	<u>\$ 268</u>

The following is a summary of DTE Electric's Other income:

	2019	2018	2017
	(In millions)		
Gains from equity securities allocated from DTE Energy	\$ 37	\$ 6	\$ 26
Contract services	32	51	21
Allowance for equity funds used during construction	22	19	18
Other	16	7	12
	<u>\$ 107</u>	<u>\$ 83</u>	<u>\$ 77</u>

For information on equity earnings of equity method investees by segment, see Note 23 to the Consolidated Financial Statements, "Segment and Related Information."

Accounting for ISO Transactions

DTE Electric participates in the energy market through MISO. MISO requires that DTE Electric submit hourly day-ahead, real-time, and FTR bids and offers for energy at locations across the MISO region. DTE Electric accounts for MISO transactions on a net hourly basis in each of the day-ahead, real-time, and FTR markets. In any single hour, transactions in each of the MISO energy markets are netted based on MWh to determine if DTE Electric is in a net sale or purchase position. Net purchases are recorded in Fuel, purchased power, and gas — utility and net sales are recorded in Operating Revenues — Utility operations on the Registrants' Consolidated Statements of Operations.

The Energy Trading segment participates in the energy markets through various ISOs and RTOs. These markets require that Energy Trading submits hourly day-ahead, real-time bids and offers for energy at locations across each region. Energy Trading submits bids in the annual and monthly auction revenue rights and FTR auctions to the RTOs. Energy Trading accounts for these transactions on a net hourly basis for the day-ahead, real-time, and FTR markets. These transactions are related to trading contracts which, if derivatives, are presented on a net basis in Operating Revenues — Non-utility operations, and if non-derivatives, the realized gains and losses for sales are recorded in Operating Revenues — Non-utility operations and purchases are recorded in Fuel, purchased power, and gas — non-utility in the DTE Energy Consolidated Statements of Operations.

DTE Electric and Energy Trading record accruals for future net purchases adjustments based on historical experience and reconcile accruals to actual costs when invoices are received from MISO and other ISOs and RTOs.

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Derivatives

Energy Trading classifies derivative transactions as revenue or expense based on the intent of the transaction (buy or sell). Revenues are recorded on a gross or net basis within the income statement depending upon whether it represents a non-trading activity or trading activity, respectively. For additional information, refer to Note 14 to the Consolidated Financial Statements, "Financial and Other Derivative Instruments".

Changes in Accumulated Other Comprehensive Income (Loss)

Comprehensive income (loss) is the change in common shareholders' equity during a period from transactions and events from non-owner sources, including Net Income. The amounts recorded to Accumulated other comprehensive income (loss) for DTE Energy include changes in benefit obligations, consisting of deferred actuarial losses and prior service costs, unrealized gains and losses from derivatives accounted for as cash flow hedges, DTE Energy's interest in other comprehensive income of equity investees which comprise the net unrealized gains and losses on investments, and foreign currency translation adjustments. DTE Energy releases income tax effects from accumulated other comprehensive income when the circumstances upon which they are premised cease to exist.

Changes in Accumulated other comprehensive income (loss) are presented in DTE Energy's Consolidated Statements of Changes in Equity and DTE Electric's Consolidated Statements of Changes in Shareholder's Equity. For further discussion regarding changes in Accumulated other comprehensive income (loss), see Note 3 to the Consolidated Financial Statements, "New Accounting Pronouncements." For the years ended December 31, 2019 and 2018, reclassifications out of Accumulated other comprehensive income (loss) not relating to the adoption of new accounting pronouncements for DTE Energy were not material.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following table summarizes the changes in DTE Energy's Accumulated other comprehensive income (loss) by component^(a) for the years ended December 31, 2019 and 2018:

	Net Unrealized Gain (Loss) on Derivatives	Net Unrealized Loss on Investments	Benefit Obligations ^(b)	Foreign Currency Translation	Total
	(In millions)				
Balance, December 31, 2017	\$ (3)	\$ (2)	\$ (110)	\$ (5)	\$ (120)
Other comprehensive loss before reclassifications	(2)	—	(1)	(2)	(5)
Amounts reclassified from Accumulated other comprehensive income (loss)	1	—	9	—	10
Net current-period Other comprehensive income (loss)	(1)	—	8	(2)	5
Implementation of ASU 2016-01	(7)	2	—	—	(5)
Balance, December 31, 2018	\$ (11)	\$ —	\$ (102)	\$ (7)	\$ (120)
Other comprehensive income (loss) before reclassifications	(14)	—	(7)	1	(20)
Amounts reclassified from Accumulated other comprehensive income (loss)	2	—	15	—	17
Net current-period Other comprehensive income (loss)	(12)	—	8	1	(3)
Implementation of ASU 2018-02	(2)	—	(23)	—	(25)
Balance, December 31, 2019	\$ (25)	\$ —	\$ (117)	\$ (6)	\$ (148)

(a) All amounts are net of tax, except for Foreign currency translation.

(b) The amounts reclassified from Accumulated other comprehensive income (loss) are included in the computation of the net periodic pension and other postretirement benefit costs (see Note 21 to the Consolidated Financial Statements, "Retirement Benefits and Trusteed Assets").

Cash, Cash Equivalents, and Restricted Cash

Cash and cash equivalents include cash on hand, cash in banks, and temporary investments purchased with remaining maturities of three months or less. Restricted cash consists of funds held to satisfy requirements of certain debt and DTE Energy partnership operating agreements. Restricted cash designated for interest and principal payments within one year is classified as a Current Asset.

Receivables

Accounts receivable are primarily composed of trade receivables and unbilled revenue. The Registrants' Accounts receivable are stated at net realizable value.

The allowance for doubtful accounts for DTE Electric and DTE Gas is generally calculated using the aging approach that utilizes rates developed in reserve studies. DTE Electric and DTE Gas establish an allowance for uncollectible accounts based on historical losses and management's assessment of existing economic conditions, customer trends, and other factors. Customer accounts are generally considered delinquent if the amount billed is not received by the due date, which is typically in 21 days, however, factors such as assistance programs may delay aggressive action. DTE Electric and DTE Gas assess late payment fees on trade receivables based on past-due terms with customers. Customer accounts are written off when collection efforts have been exhausted. The time period for write-off is 150 days after service has been terminated.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The customer allowance for doubtful accounts for DTE Energy's other businesses is calculated based on specific review of probable future collections based on receivable balances generally in excess of 30 days.

DTE Energy unbilled revenues of \$0.9 billion and \$1.0 billion at December 31, 2019 and 2018, respectively, include \$263 million and \$264 million of DTE Electric unbilled revenues, respectively, included in Customer Accounts receivable.

Notes Receivable

Notes receivable, or financing receivables, for DTE Energy are primarily comprised of finance lease receivables and loans and are included in Notes receivable and Other current assets on DTE Energy's Consolidated Statements of Financial Position. Notes receivable, or financing receivables, for DTE Electric are primarily comprised of loans.

Notes receivable are typically considered delinquent when payment is not received for periods ranging from 60 to 120 days. The Registrants cease accruing interest (nonaccrual status), consider a note receivable impaired, and establish an allowance for credit loss when it is probable that all principal and interest amounts due will not be collected in accordance with the contractual terms of the note receivable. Cash payments received on nonaccrual status notes receivable, that do not bring the account contractually current, are first applied to contractually owed past due interest, with any remainder applied to principal. Accrual of interest is generally resumed when the note receivable becomes contractually current.

In determining the allowance for credit losses for notes receivable, the Registrants consider the historical payment experience and other factors that are expected to have a specific impact on the counterparty's ability to pay. In addition, the Registrants monitor the credit ratings of the counterparties from which they have notes receivable.

Inventories

Inventory related to utility operations is generally valued at average cost. Inventory related to non-utility operations is valued at the lower of cost or net realizable value.

DTE Gas' natural gas inventory of \$40 million and \$48 million as of December 31, 2019 and 2018, respectively, is determined using the last-in, first-out (LIFO) method. The replacement cost of gas in inventory exceeded the LIFO cost by \$49 million and \$113 million at December 31, 2019 and 2018, respectively.

Property, Retirement and Maintenance, and Depreciation and Amortization

Property is stated at cost and includes construction-related labor, materials, overheads, and AFUDC for utility property. The cost of utility properties retired is charged to accumulated depreciation. Expenditures for maintenance and repairs are charged to expense when incurred.

Utility property at DTE Electric and DTE Gas is depreciated over its estimated useful life using straight-line rates approved by the MPSC. DTE Energy's non-utility property is depreciated over its estimated useful life using the straight-line method. Depreciation and amortization expense also includes the amortization of certain regulatory assets for the Registrants.

The cost of nuclear fuel is capitalized. The amortization of nuclear fuel is included within Fuel, purchased power, and gas — utility in the DTE Energy Consolidated Statements of Operations, and Fuel and purchased power in the DTE Electric Consolidated Statements of Operations, and is recorded using the units-of-production method.

See Note 7 to the Consolidated Financial Statements, "Property, Plant, and Equipment."

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Long-Lived Assets

Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate the carrying amount of an asset may not be recoverable. If the carrying amount of the asset exceeds the expected undiscounted future cash flows generated by the asset, an impairment loss is recognized resulting in the asset being written down to its estimated fair value. Assets to be disposed of are reported at the lower of the carrying amount or fair value, less costs to sell.

Intangible Assets

The Registrants have certain Intangible assets as shown below:

		December 31, 2019			December 31, 2018		
Useful Lives		Gross Carrying Value	Accumulated Amortization	Net Carrying Value	Gross Carrying Value	Accumulated Amortization	Net Carrying Value
(In millions)							
Intangible assets subject to amortization							
Customer relationships	25 to 40 years ^(a)	\$ 2,252	\$ (66)	\$ 2,186	\$ 779	\$ (44)	\$ 735
Contract intangibles	6 to 26 years	268	(76)	192	159	(66)	93
		2,520	(142)	2,378	938	(110)	828
DTE Electric renewable energy credits	(b)	15	—	15	20	—	20
DTE Electric emission allowances	(b)	—	—	—	1	—	1
DTE Electric Long-term intangible assets		15	—	15	21	—	21
DTE Energy Long-term intangible assets		\$ 2,535	\$ (142)	\$ 2,393	\$ 959	\$ (110)	\$ 849

- (a) The useful lives of the customer relationship intangible assets are based on the number of years in which the assets are expected to economically contribute to the business. The expected economic benefit incorporates existing customer contracts and expected renewal rates based on the estimated volume and production lives of gas resources in the region.
- (b) Emission allowances and renewable energy credits are charged to expense, using average cost, as the allowances and credits are consumed in the operation of the business.

The following table summarizes DTE Energy's estimated customer relationship and contract intangible amortization expense expected to be recognized during each year through 2024:

	2020	2021	2022	2023	2024
(In millions)					
Estimated amortization expense	\$ 82	\$ 86	\$ 86	\$ 86	\$ 86

DTE Energy amortizes customer relationship and contract intangible assets on a straight-line basis over the expected period of benefit. DTE Energy's Intangible assets amortization expense was \$33 million in 2019, \$27 million in 2018, and \$29 million in 2017.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Excise and Sales Taxes

The Registrants record the billing of excise and sales taxes as a receivable with an offsetting payable to the applicable taxing authority, with no net impact on the Registrants' Consolidated Statements of Operations.

Deferred Debt Costs

The costs related to the issuance of long-term debt are deferred and amortized over the life of each debt issue. The deferred amounts are included as a direct deduction from the carrying amount of each debt issue in Mortgage bonds, notes, and other and Junior subordinated debentures on DTE Energy's Consolidated Statements of Financial Position and in Mortgage bonds, notes, and other on DTE Electric's Consolidated Statements of Financial Position. In accordance with MPSC regulations applicable to DTE Energy's electric and gas utilities, the unamortized discount, premium, and expense related to utility debt redeemed with a refinancing are amortized over the life of the replacement issue. Discount, premium, and expense on early redemptions of debt associated with DTE Energy's non-utility operations are charged to earnings.

Investments in Debt and Equity Securities

The Registrants generally record investments in debt and equity securities at market value with unrealized gains or losses included in earnings. Changes in the fair value of Fermi 2 nuclear decommissioning investments are recorded as adjustments to Regulatory assets or liabilities, due to a recovery mechanism from customers. The Registrants' equity investments are reviewed for impairment each reporting period. If the assessment indicates that an impairment exists, a loss is recognized resulting in the equity investment being written down to its estimated fair value. See Note 13 of the Consolidated Financial Statements, "Fair Value."

DTE Energy Foundation

There were no contributions made by DTE Energy to the DTE Energy Foundation for the year ended December 31, 2019. DTE Energy's charitable contributions to the DTE Energy Foundation were \$22 million and \$43 million for the years ended December 31, 2018 and 2017, respectively. The DTE Energy Foundation is a non-consolidated not-for-profit private foundation, the purpose of which is to contribute to and assist charitable organizations.

Other Accounting Policies

See the following notes for other accounting policies impacting the Registrants' Consolidated Financial Statements:

Note	Title
5	Revenue
9	Asset Retirement Obligations
10	Regulatory Matters
11	Income Taxes
13	Fair Value
14	Financial and Other Derivative Instruments
18	Leases
21	Retirement Benefits and Trusteed Assets
22	Stock-Based Compensation

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NOTE 3 — NEW ACCOUNTING PRONOUNCEMENTS

Recently Adopted Pronouncements

In February 2016, the FASB issued ASU No. 2016-02, *Leases (Topic 842)*, as amended. This guidance requires a lessee to account for leases as finance or operating leases and disclose key information about leasing arrangements. Both types of leases will result in the lessee recognizing a right-of-use asset and a corresponding lease liability on its balance sheet, with differing methodology for income statement recognition, depending on the lease classification. The Registrants adopted the standard on January 1, 2019 using the prospective approach. The standard provides a number of transition practical expedients of which the Registrants elected the package of three expedients that must be taken together, allowing entities to not reassess whether an agreement is a lease, to carryforward the existing lease classification, and to not reassess initial direct costs associated with existing leases; but did not elect to apply hindsight in determining lease term and impairment of the right-to-use assets. The Registrants also elected to not evaluate land easements under the new guidance at adoption if they were not previously accounted for as leases. These practical expedients apply to leases that commenced prior to January 1, 2019.

At adoption of the new standard, the Registrants recognized on the Consolidated Statements of Financial Position, right-of-use assets and lease liabilities for certain operating leases of approximately \$137 million and \$130 million, respectively, for DTE Energy and approximately \$74 million and \$67 million, respectively, for DTE Electric as of January 1, 2019. The right-of-use lease assets include \$9 million of prepaid lease costs that have been reclassified from Other assets, current and noncurrent, and \$2 million of deferred lease costs that have been reclassified from Other liabilities, current and noncurrent, for the Registrants. The adoption of the ASU did not have a significant impact on the Registrants' Consolidated Statements of Operations but required additional disclosures for leases. See Note 18 to the Consolidated Financial Statements, "Leases."

In February 2018, the FASB issued ASU No. 2018-02, *Income Statement — Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income*. The amendments in this update allow a reclassification from accumulated other comprehensive income to retained earnings for stranded tax effects resulting from the TCJA. The amendments in this update also require entities to disclose their accounting policy for releasing income tax effects from accumulated other comprehensive income. The Registrants adopted the standard effective January 1, 2019. Upon adoption, DTE Energy reclassified \$25 million of income tax effects from Accumulated other comprehensive income (loss) to Retained Earnings.

Recently Issued Pronouncements

In June 2016, the FASB issued ASU No. 2016-13, *Financial Instruments — Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*, as amended. The amendments in this update replace the incurred loss impairment methodology in current generally accepted accounting principles with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information, including forecasts, to develop credit loss estimates. The ASU requires entities to use the new methodology to measure impairment of financial instruments, including accounts receivable, and may result in earlier recognition of credit losses than under current generally accepted accounting principles. Entities will apply the new guidance as a cumulative-effect adjustment to retained earnings as of the beginning of the first reporting period in which the guidance is adopted. The ASU is effective for the Registrants beginning after December 15, 2019, and interim periods therein. The Registrants will adopt the ASU on its effective date. The Registrants are currently assessing the impact of this standard on their Consolidated Financial Statements.

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In August 2018, the FASB issued ASU No. 2018-13, *Fair Value Measurements (Topic 820): Disclosure Framework — Changes to the Disclosure Requirements for Fair Value Measurement*. The amendments in this update modify the disclosure requirements on fair value measurements in Topic 820. The ASU is effective for the Registrants for fiscal years beginning after December 15, 2019, and interim periods therein. The Registrants will adopt the ASU on its effective date. The Registrants are currently assessing the impact of this standard on their Consolidated Financial Statements.

In August 2018, the FASB issued ASU No. 2018-14, *Compensation — Retirement Benefits — Defined Benefit Plans (Subtopic 715-20): Disclosure Framework — Changes to the Disclosure requirements for employers that sponsor defined benefit pension or other postretirement plans*. The amendments in this update modify the disclosure requirements for employers that sponsor defined benefit pension or other postretirement plans. The ASU is effective for the Registrants for fiscal years ending after December 15, 2020. Early adoption is permitted. The Registrants anticipate adopting the ASU on its effective date. The Registrants are currently assessing the impact of this standard on their Consolidated Financial Statements.

In August 2018, the FASB issued ASU No. 2018-15, *Intangibles — Goodwill and Other — Internal-Use Software (Subtopic 350-40): Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That is a Service Contract*. The amendments in this update align the requirements for capitalizing implementation costs incurred in a hosting arrangement that is a service contract with the requirements for capitalizing implementation costs incurred to develop or obtain internal-use software (and hosting arrangements that include an internal use software license). The ASU is effective for the Registrants for fiscal years beginning after December 15, 2019, and interim periods therein. The Registrants will adopt the ASU on its effective date. The ASU may be applied using either a retrospective or prospective approach. The Registrants will apply the ASU prospectively, and are currently assessing the impact of this standard on their Consolidated Financial Statements.

In October 2018, the FASB issued ASU No. 2018-17, *Consolidation (Topic 810): Targeted Improvements to Related Party Guidance for Variable Interest Entities*. The amendments in this update modify the requirements for determining whether a decision-making fee is a variable interest and require reporting entities to consider indirect interests held through related parties under common control on a proportional basis. The ASU is effective for the Registrants for fiscal years beginning after December 15, 2019, and interim periods therein. The Registrants will adopt the ASU on its effective date. The Registrants are currently assessing the impact of this standard on their Consolidated Financial Statements.

In December 2019, the FASB issued ASU No. 2019-12, *Income Taxes (Topic 740) — Simplifying the Accounting for Income Taxes*. The amendments in this update simplify the accounting for income taxes by removing certain exceptions and clarifying certain requirements regarding franchise taxes, goodwill, consolidated tax expenses, and annual effective tax rate calculations. The ASU is effective for the Registrants for fiscal years beginning after December 15, 2020. Early adoption is permitted. The Registrants are currently assessing the impact of this standard on their Consolidated Financial Statements.

NOTE 4 — ACQUISITIONS

Electric Segment Acquisition

Effective September 12, 2019, DTE Sustainable Generation closed on the purchase of an 89 MW renewable energy project located in Michigan from Heritage Sustainable Energy in support of DTE Energy's renewable energy goals. Direct transaction costs primarily related to advisory fees were immaterial and are included in Operation and maintenance in DTE Energy's Consolidated Statements of Operations. The fair value of consideration provided for the acquisition was approximately \$175 million, of which \$174 million has been paid in cash.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The acquisition was accounted for using the acquisition method of accounting for business combinations. Accordingly, the cost was allocated to the underlying net assets based on their respective fair values as shown below:

	(In millions)
Contract intangibles	\$ 109
Property, plant, and equipment, net	60
Working capital	6
Total	\$ 175

The intangible assets recorded pertain to existing customer contracts and were estimated by applying the income approach, based on discounted projected cash flows attributable to the existing agreements. The contract intangible assets are amortized on a straight-line basis with useful lives ranging from 11 years to 13 years, which is based on the remaining number of years the assets are expected to economically contribute to the business. The pro forma financial information has not been presented for DTE Energy because the effects of the acquisition were not material to the Consolidated Statements of Operations.

In conjunction with the above acquisition, DTE Sustainable Generation closed on a purchase and sale agreement with Heritage Sustainable Energy in January 2020 to acquire an additional renewable energy project for approximately \$33 million paid in cash.

The acquired projects are non-utility operations and related revenues are classified accordingly as Operating Revenues - Non-utility operations within DTE Energy's Consolidated Statements of Operations and the Electric segment results of operations. Refer to Note 23 to the Consolidated Financial Statements, "Segment and Related Information."

Gas Storage and Pipelines Segment Acquisitions

Generation Pipeline Acquisition

Effective September 20, 2019, NEXUS closed on the purchase of Generation Pipeline, LLC, a pipeline system regulated by the Public Utilities Commission of Ohio. The 23-mile pipeline system supplies gas to industrial customers in the Toledo, OH area, has existing interconnects with ANR Pipeline Company and Panhandle Eastern Pipeline Company, and is located four miles from NEXUS. Total consideration paid for the acquired entity was approximately \$163 million, of which DTE Energy's portion was 50%. DTE Energy accounts for its ownership interest in NEXUS under the equity method, which now includes equity in earnings related to Generation Pipeline, LLC.

Blue Union and LEAP Acquisition

On December 4, 2019, DTE Energy closed on the purchase of midstream natural gas assets in support of its strategy to continue to grow and earn competitive returns for shareholders. DTE Energy purchased 100 percent of M5 Louisiana Gathering, LLC and its wholly owned subsidiaries from Momentum Midstream and Indigo Natural Resources. The acquisition includes the Blue Union and LEAP assets which provide natural gas gathering and other midstream services to producers located primarily in Louisiana.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The fair value of the consideration provided for the entities acquired was \$2.74 billion and includes \$2.36 billion paid in cash and an estimated \$378 million of contingent consideration to be paid upon completion of a gathering pipeline in the second half of 2020. The contingent payment will range from \$0 million to \$385 million, with no payment due until the pipeline is completed. As of December 31, 2019, the liability for the contingent consideration payment and the related accretion expense of \$1 million is included in a separate line in the Consolidated Statements of Financial Position. The acquisition was financed through the issuance of Equity Units, common stock, and Senior Notes. See Notes 12 and 15 to the Consolidated Financial Statements, "Common Stock and Earnings Per Share" and "Long-Term Debt," respectively, for more information. The acquired assets are part of DTE Energy's non-utility Gas Storage and Pipelines segment.

The acquisition was accounted for using the acquisition method of accounting for business combinations. The allocation of the purchase price included in the Consolidated Statements of Financial Position is preliminary and may be revised up to one year from the date of acquisition due to adjustments in the estimated fair value of the assets acquired and the liabilities assumed. The purchase price is subject to (i) final working capital settlement adjustments, and (ii) resolution of any indemnification claims that might be deducted from the \$100 million of cash consideration paid and held in escrow. As such, DTE Energy cannot estimate the potential amount of the additional revisions to the purchase price allocation in 2020. The excess purchase price over the fair value of net assets acquired totaled approximately \$171 million and was classified as goodwill. The factors contributing to the recognition of goodwill are based on various strategic benefits that are expected to be realized from the Blue Union and LEAP acquisition. The acquisition will provide DTE Energy with a platform for midstream growth and access to further investment opportunities in the Haynesville basin. The goodwill is expected to be deductible for income tax purposes.

The preliminary allocation of the purchase price is based on estimated fair values of the Blue Union and LEAP assets acquired and liabilities assumed at the date of acquisition, December 4, 2019. The components of the preliminary purchase price allocation are as follows:

	(In millions)
Assets	
Cash	\$ 62
Accounts receivable	31
Property, plant, and equipment, net	1,035
Goodwill	171
Customer relationship intangibles	1,473
Other current assets	1
	<u>\$ 2,773</u>
Liabilities	
Accounts payable	\$ 26
Acquisition related deferred payment	378
Other current liabilities	2
Asset retirement obligations	9
	<u>\$ 415</u>
Total cash consideration	<u>\$ 2,358</u>

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The intangible assets recorded as a result of the acquisition pertain to existing customer relationships, which were valued at approximately \$1.47 billion as of the acquisition date. The fair value of the intangible assets acquired was estimated by applying the income approach. The income approach is based upon discounted projected future cash flows attributable to the existing contracts and agreements. The fair value measurement is based on significant unobservable inputs, including management estimates and assumptions, and thus represents a Level 3 measurement, pursuant to the applicable accounting guidance. Key estimates and inputs include revenue and expense projections and discount rates based on the risks associated with the entities. The intangible assets are amortized on a straight-line basis over a period of 40 years, which is based on the number of years the assets are expected to economically contribute to the business. The expected economic benefit incorporates existing customer contracts with a weighted-average amortization life of 13 years and expected renewal rates, based on the estimated volume and production lives of gas resources in the region. See Note 2 to the Consolidated Financial Statements, "Significant Accounting Policies," for more information.

DTE Energy has incurred \$18 million of direct transaction costs for the year ended December 31, 2019. These costs are primarily related to advisory fees and are included in Operation and maintenance in DTE Energy's Consolidated Statements of Operations. Additionally, DTE Energy has incurred \$49 million of issuance costs related to the acquisition financing, of which \$10 million are included in Mortgage bonds, notes, and other, and \$39 million are included in Common Stock in DTE Energy's Consolidated Statements of Financial Position.

DTE Energy's 2019 Consolidated Statements of Operations include Operating Revenues — Non-utility operations of \$15 million and Net Income of \$3 million associated with the acquired entities for the one-month period following the acquisition date, excluding the \$18 million transaction costs described above. The pro forma financial information has not been presented for DTE Energy because the effects of the acquisition were not material to the Consolidated Statements of Operations.

NOTE 5 — REVENUE

Significant Accounting Policy

Upon the adoption of Topic 606, revenue is measured based upon the consideration specified in a contract with a customer at the time when performance obligations are satisfied. Under Topic 606, a performance obligation is a promise in a contract to transfer a distinct good or service or a series of distinct goods or services to the customer. The Registrants recognize revenue when performance obligations are satisfied by transferring control over a product or service to a customer. The Registrants have determined control to be transferred when the product is delivered or the service is provided to the customer. For the years ended December 31, 2019 and 2018, recognition of revenue for the Registrants subsequent to the adoption of Topic 606 is substantially similar in amount and approach to that prior to adoption.

Rates for DTE Electric and DTE Gas include provisions to adjust billings for fluctuations in fuel and purchased power costs, cost of natural gas, and certain other costs. Revenues are adjusted for differences between actual costs subject to reconciliation and the amounts billed in current rates. Under or over recovered revenues related to these cost recovery mechanisms are included in Regulatory assets or liabilities on the Registrants' Consolidated Statements of Financial Position and are recovered or returned to customers through adjustments to the billing factors.

For discussion of derivative contracts, see Note 14 to the Consolidated Financial Statements, "Financial and Other Derivative Instruments."

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Disaggregation of Revenue

The following is a summary of revenues disaggregated by segment for DTE Energy:

	2019	2018
	(In millions)	
Electric^(a)		
Residential	\$ 2,427	\$ 2,494
Commercial	1,795	1,794
Industrial	659	690
Other ^(b)	348	320
Total Electric operating revenues ^(c)	\$ 5,229	\$ 5,298
Gas		
Gas sales	\$ 1,043	\$ 1,055
End User Transportation	219	232
Intermediate Transportation	78	58
Other ^(b)	142	91
Total Gas operating revenues ^(d)	\$ 1,482	\$ 1,436
Other segment operating revenues		
Gas Storage and Pipelines ^(e)	\$ 501	\$ 485
Power and Industrial Projects ^(f)	\$ 1,560	\$ 2,204
Energy Trading ^(g)	\$ 4,610	\$ 5,557

(a) Revenues under the Electric segment generally represent those of DTE Electric.

(b) Includes revenue adjustments related to various regulatory mechanisms.

(c) Includes \$22 million under Alternative Revenue Programs and \$19 million of other revenues, which are both outside the scope of Topic 606 for the year ended December 31, 2019 and includes \$21 million under Alternative Revenue Programs and \$20 million of other revenues, which are both outside the scope of Topic 606 for the year ended December 31, 2018.

(d) Includes \$8 million under Alternative Revenue Programs and \$7 million of other revenues, which are both outside the scope of Topic 606 for the year ended December 31, 2019 and includes \$2 million under Alternative Revenue Programs and \$7 million of other revenues, which are both outside the scope of Topic 606 for the year ended December 31, 2018.

(e) Includes revenues outside the scope of Topic 606 primarily related to \$9 million of contracts accounted for as leases for the year ended December 31, 2019.

(f) Includes revenues outside the scope of Topic 606 primarily related to \$121 million and \$125 million of contracts accounted for as leases for the years ended December 31, 2019 and December 31, 2018, respectively.

(g) Includes revenues outside the scope of Topic 606 primarily related to \$3.4 billion and \$4.5 billion of derivatives for the years ended December 31, 2019 and December 31, 2018, respectively.

Nature of Goods and Services

The following is a description of principal activities, separated by reportable segments, from which DTE Energy generates revenue. For more detailed information about reportable segments, see Note 23 to the Consolidated Financial Statements, "Segment and Related Information."

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The Registrants have contracts with customers which may contain more than one performance obligation. When more than one performance obligation exists in a contract, the consideration under the contract is allocated to the performance obligations based on the relative standalone selling price. DTE Energy generally determines standalone selling prices based on the prices charged to customers or the use of the adjusted market assessment approach. The adjusted market assessment approach involves the evaluation of the market in which DTE Energy sells goods or services and estimating the price that a customer in that market would be willing to pay.

Under Topic 606, when a customer simultaneously receives and consumes the product or service provided, revenue is considered to be recognized over time. Alternatively, if it is determined that the criteria for recognition of revenue over time is not met, the revenue is considered to be recognized at a point in time.

Electric

Electric consists principally of DTE Electric. Electric revenues are primarily comprised of the supply and delivery of electricity, and related capacity. Revenues are primarily associated with cancelable contracts, with the exception of certain long-term contracts with commercial and industrial customers. Revenues, including estimated unbilled amounts, are generally recognized over time based upon volumes delivered or through the passage of time ratably based upon providing a stand-ready service. The Registrants have determined that the above methods represent a faithful depiction of the transfer of control to the customer. Unbilled revenues are typically determined utilizing approved tariff rates and estimated meter volumes. Estimated unbilled amounts recognized in revenue are subject to adjustment in the following reporting period as actual volumes by customer class are known. Revenues are typically subject to tariff rates based upon customer class and type of service and are billed and received monthly. Tariff rates are determined by the MPSC on a per unit or monthly basis.

Gas

Gas consists principally of DTE Gas. Gas revenues are primarily comprised of the supply and delivery of natural gas, and other services including storage, transportation, and appliance maintenance. Revenues are primarily associated with cancelable contracts with the exception of certain long-term contracts with commercial and industrial customers. Revenues, including estimated unbilled amounts, are generally recognized over time based upon volumes delivered or through the passage of time ratably based upon providing a stand-ready service. DTE Energy has determined that the above methods represent a faithful depiction of the transfer of control to the customer. Unbilled revenues are typically determined using both estimated meter volumes and estimated usage based upon the number of unbilled days and historical temperatures. Estimated unbilled amounts recognized in revenue are subject to adjustment in the following reporting period as actual volumes by customer class and service type are known. Revenues are typically subject to tariff rates or other rates subject to regulatory oversight and are billed and received monthly. Tariff rates are determined by the MPSC on a per unit or monthly basis.

Gas Storage and Pipelines

Gas Storage and Pipelines revenues generally consist of services related to the gathering, transportation, and storage of natural gas. Contracts are primarily long-term in nature. Revenues, including estimated unbilled amounts, are generally recognized over time based upon services provided or through the passage of time ratably based upon providing a stand-ready service. DTE Energy has determined that the above methods represent a faithful depiction of the transfer of control to the customer. Revenues are typically billed and received monthly. Pricing for such revenues may consist of demand rates, commodity rates, transportation rates, and other associated fees. Consideration may consist of both fixed and variable components. Generally, uncertainties in the variable consideration components are resolved and revenues are known at the time of recognition.

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Power and Industrial Projects

Power and Industrial Projects revenues include contracts accounted for as leases which are outside of the scope of Topic 606. For performance obligations within the scope of Topic 606, the timing of revenue recognition is dependent upon when control over the associated product or service is transferred.

Revenues at Power and Industrial Projects, within the scope of Topic 606, generally consist of sales of refined coal, coal, blast furnace coke, coke oven gas, electricity, equipment maintenance services, and other energy related products and services. Revenues, including estimated unbilled amounts, for the sale of blast furnace coke are generally recognized at a point in time when the product is delivered, which represents the transfer of control to the customer. Other revenues are generally recognized over time based upon services provided or through the passage of time ratably based upon providing a stand-ready service. DTE Energy has determined that the above methods represent a faithful depiction of the transfer of control to the customer. Market based pricing structures exist in such contracts including adjustments for consumer price or other indices. Consideration may consist of both fixed and variable components. Generally, uncertainties in the variable consideration components are resolved and revenues are known at the time of recognition. Billing terms vary and are generally monthly with payment terms typically within 30 days following billing.

Energy Trading

Energy Trading revenues consist primarily of derivative contracts outside of the scope of Topic 606. For performance obligations within the scope of Topic 606, the timing of revenue recognition is dependent upon when control over the associated product or service is transferred.

Revenues, including estimated unbilled amounts, within the scope of Topic 606 arising from the sale of natural gas, electricity, power capacity, and other energy related products are generally recognized over time based upon volumes delivered or through the passage of time ratably based upon providing a stand-ready service. DTE Energy has determined that the above methods represent a faithful depiction of the transfer of control to the customer. Revenues are known at the time of recognition. Payment for the aforementioned revenues is generally due from customers in the month following delivery.

Revenues associated with RECs are recognized at a point in time when control of the RECs are transferred to the customer which is deemed to be when the subject RECs are entered for transfer to the customer in the applicable regulatory tracking system. Revenues associated with RECs under a wholesale full requirements power contract are deferred until control has been transferred. The deferred revenues represent a contract liability for which payment has been received and the amounts have been estimated using the adjusted market assessment approach. With the exception of RECs, generally all other performance obligations associated with wholesale full requirements power contracts are satisfied over time in conjunction with the delivery of power. At the time power is delivered, DTE Energy may not have control over the RECs as the RECs are not self-generated and may not yet have been procured resulting in deferred revenues.

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Deferred Revenue

The following is a summary of deferred revenue activity:

	DTE Energy
	(In millions)
Beginning Balance, January 1, 2019	\$ 74
Increases due to cash received or receivable, excluding amounts recognized as revenue during the period	51
Revenue recognized that was included in the deferred revenue balance at the beginning of the period	(50)
Ending Balance, December 31, 2019	<u>\$ 75</u>

The deferred revenues at DTE Energy generally represent amounts paid by or receivable from customers for which the associated performance obligation has not yet been satisfied.

Deferred revenues include amounts associated with REC performance obligations under certain wholesale full requirements power contracts. Deferred revenues associated with RECs are recognized as revenue when control of the RECs has transferred.

Other performance obligations associated with deferred revenues include providing products and services related to customer prepayments. Deferred revenues associated with these products and services are recognized when control has transferred to the customer.

The following table represents deferred revenue amounts for DTE Energy that are expected to be recognized as revenue in future periods:

	DTE Energy
	(In millions)
2020	\$ 43
2021	6
2022	7
2023	6
2024	3
2025 and thereafter	10
	<u>\$ 75</u>

Transaction Price Allocated to the Remaining Performance Obligations

In accordance with optional exemptions available under Topic 606, the Registrants did not disclose the value of unsatisfied performance obligations for (1) contracts with an original expected length of one year or less, (2) with the exception of fixed consideration, contracts for which revenue is recognized at the amount to which the Registrants have the right to invoice for goods provided and services performed, and (3) contracts for which variable consideration relates entirely to an unsatisfied performance obligation.

Such contracts consist of varying types of performance obligations across the segments, including the supply and delivery of energy related products and services. Contracts with variable volumes and/or variable pricing, including those with pricing provisions tied to a consumer price or other index, have also been excluded as the related consideration under the contract is variable at inception of the contract. Contract lengths vary from cancelable to multi-year.

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The Registrants expect to recognize revenue for the following amounts related to fixed consideration associated with remaining performance obligations in each of the future periods noted:

	DTE Energy	DTE Electric
	(In millions)	
2020	\$ 253	\$ 8
2021	292	8
2022	232	7
2023	164	7
2024	126	7
2025 and thereafter	538	—
	\$ 1,605	\$ 37

Other Matters

The following table represents expenses recognized for estimated uncollectible accounts receivable:

	December 31,	
	2019	2018
	(In millions)	
DTE Energy	\$ 111	\$ 140
DTE Electric	\$ 65	\$ 85

NOTE 6 — GOODWILL

DTE Energy has goodwill resulting from business combinations.

The following is the summary of change in the carrying amount of goodwill for the years ended December 31:

	2019	2018
	(In millions)	
Balance as of January 1	\$ 2,293	\$ 2,293
Goodwill attributable to Gas Storage and Pipelines 2019 acquisition of Blue Union and LEAP	171	—
Balance at December 31	\$ 2,464	\$ 2,293

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NOTES TO FINANCIAL STATEMENTS (Continued)			

NOTE 7 — PROPERTY, PLANT, AND EQUIPMENT

The following is a summary of Property, plant, and equipment by classification as of December 31:

	2019	2018
	(In millions)	
Property, plant, and equipment		
DTE Electric		
Generation	\$ 12,028	\$ 11,027
Distribution	9,715	9,153
Other	2,536	2,567
Total DTE Electric	24,279	22,747
DTE Gas		
Distribution	4,164	3,823
Storage	570	548
Transmission and other	1,244	1,204
Total DTE Gas	5,978	5,575
Non-utility and other		
Gas Storage and Pipelines	3,524	2,307
Power and Industrial Projects	1,108	1,070
Other	183	111
Non-utility and other	4,815	3,488
Total DTE Energy	35,072	31,810
Accumulated depreciation and amortization		
DTE Electric		
Generation	(3,460)	(3,609)
Distribution	(2,553)	(2,974)
Other	(693)	(727)
Total DTE Electric	(6,706)	(7,310)
DTE Gas		
Distribution	(1,334)	(1,283)
Storage	(172)	(165)
Transmission and other	(409)	(404)
Total DTE Gas	(1,915)	(1,852)
Non-utility and other		
Gas Storage and Pipelines	(459)	(390)
Power and Industrial Projects	(604)	(546)
Other	(71)	(62)
Non-utility and other	(1,134)	(998)
Total DTE Energy	(9,755)	(10,160)
Net DTE Energy Property, plant, and equipment	\$ 25,317	\$ 21,650
Net DTE Electric Property, plant, and equipment	\$ 17,573	\$ 15,437

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following is a summary of the Registrants' AFUDC and interest capitalized for the years ended December 31:

	DTE Energy		DTE Electric	
	2019	2018	2019	2018
(In millions)				
Allowance for debt funds used during construction and interest capitalized	\$ 15	\$ 15	\$ 10	\$ 9
Allowance for equity funds used during construction	24	28	22	19
Total	\$ 39	\$ 43	\$ 32	\$ 28

The composite depreciation rate for DTE Electric was approximately 4.0%, 3.7%, and 3.6% in 2019, 2018 and 2017, respectively. The composite depreciation rate for DTE Gas was 2.7% for all periods. The average estimated useful life for each major class of utility Property, plant, and equipment as of December 31, 2019 follows:

Utility	Estimated Useful Lives in Years		
	Generation	Distribution	Storage
DTE Electric	34	38	N/A
DTE Gas	N/A	50	56

The estimated useful lives for DTE Electric's Other utility assets range from 3 to 80 years, while the estimated useful lives for DTE Gas' Transmission and other utility assets range from 3 to 70 years. The estimated useful lives for major classes of DTE Energy's non-utility assets and facilities range from 2 to 55 years.

The following is a summary of Depreciation and amortization expense for DTE Energy:

	2019	2018	2017
(In millions)			
Property, plant, and equipment	\$ 997	\$ 878	\$ 829
Regulatory assets and liabilities	227	212	165
Intangible assets	33	27	29
Other	6	7	7
	\$ 1,263	\$ 1,124	\$ 1,030

The following is a summary of Depreciation and amortization expense for DTE Electric:

	2019	2018	2017
(In millions)			
Property, plant, and equipment	\$ 748	\$ 652	\$ 615
Regulatory assets and liabilities	193	179	133
Other	5	5	5
	\$ 946	\$ 836	\$ 753

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Capitalized software costs are classified as Property, plant, and equipment and the related amortization is included in accumulated depreciation and amortization on the Registrants' Consolidated Financial Statements. The Registrants capitalize the costs associated with computer software developed or obtained for use in their businesses. The Registrants amortize capitalized software costs on a straight-line basis over the expected period of benefit, ranging from 3 to 15 years for DTE Energy and 3 to 15 years for DTE Electric.

The following balances for capitalized software relate to DTE Energy:

	Year Ended December 31,		
	2019	2018	2017
	(In millions)		
Amortization expense of capitalized software	\$ 123	\$ 108	\$ 101
Gross carrying value of capitalized software	\$ 906	\$ 905	
Accumulated amortization of capitalized software	\$ 520	\$ 534	

The following balances for capitalized software relate to DTE Electric:

	Year Ended December 31,		
	2019	2018	2017
	(In millions)		
Amortization expense of capitalized software	\$ 112	\$ 101	\$ 93
Gross carrying value of capitalized software	\$ 811	\$ 799	
Accumulated amortization of capitalized software	\$ 462	\$ 463	

NOTE 8 — JOINTLY-OWNED UTILITY PLANT

DTE Electric has joint ownership interest in two power plants, Belle River and Ludington Hydroelectric Pumped Storage. DTE Electric's share of direct expenses of the jointly-owned plants are included in Fuel, purchased power, and gas — utility and Operation and maintenance expenses in the DTE Energy Consolidated Statements of Operations and Fuel and purchased power— utility and Operation and maintenance expenses in the DTE Electric Consolidated Statements of Operations.

DTE Electric's ownership information of the two utility plants as of December 31, 2019 was as follows:

	Belle River	Ludington Hydroelectric Pumped Storage
In-service date	1984-1985	1973
Total plant capacity	1,270 MW	2,220 MW
Ownership interest	81%	49%
Investment in Property, plant, and equipment (in millions)	\$ 1,903	\$ 616
Accumulated depreciation (in millions)	\$ 896	\$ 193

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Belle River

The Michigan Public Power Agency (MPPA) has ownership interests in Belle River Unit No. 1 and other related facilities. The MPPA is entitled to 19% of the total capacity and energy of the plant and is responsible for the same percentage of the plant's operation, maintenance, and capital improvement costs.

Ludington Hydroelectric Pumped Storage

Consumers Energy Company has an ownership interest in the Ludington Hydroelectric Pumped Storage Plant. Consumers Energy is entitled to 51% of the total capacity and energy of the plant and is responsible for the same percentage of the plant's operation, maintenance, and capital improvement costs.

NOTE 9 — ASSET RETIREMENT OBLIGATIONS

DTE Electric has a legal retirement obligation for the decommissioning costs for its Fermi 1 and Fermi 2 nuclear plants, dismantlement of facilities located on leased property, and various other operations. DTE Electric has conditional retirement obligations for asbestos and PCB removal at certain of its power plants and various distribution equipment. DTE Gas has conditional retirement obligations for gas pipelines, certain service centers, compressor and gate stations. The Registrants recognize such obligations as liabilities at fair market value when they are incurred, which generally is at the time the associated assets are placed in service. Fair value is measured using expected future cash outflows discounted at the Registrants' credit-adjusted risk-free rate. For its utility operations, the Registrants recognize in the Consolidated Statements of Operations removal costs in accordance with regulatory treatment. Any differences between costs recognized related to asset retirement and those reflected in rates are recognized as either a Regulatory asset or liability on the Consolidated Statements of Financial Position.

If a reasonable estimate of fair value cannot be made in the period in which the retirement obligation is incurred, such as for assets with indeterminate lives, the liability is recognized when a reasonable estimate of fair value can be made. Natural gas storage system and certain other distribution assets for DTE Gas and substations, manholes, and certain other distribution assets for DTE Electric have an indeterminate life. Therefore, no liability has been recorded for these assets.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Changes to asset retirement obligations for 2019, 2018, and 2017 were as follows:

	2019	2018	2017
	(In millions)		
DTE Energy			
Asset retirement obligations at January 1	\$ 2,469	\$ 2,320	\$ 2,197
Accretion	149	140	131
Liabilities incurred	20	27	2
Liabilities settled	(17)	(16)	(6)
Revision in estimated cash flows	51	(2)	(4)
Asset retirement obligations at December 31	\$ 2,672	\$ 2,469	\$ 2,320
	2019	2018	2017
	(In millions)		
DTE Electric			
Asset retirement obligations at January 1	\$ 2,271	\$ 2,125	\$ 2,012
Accretion	138	129	120
Liabilities incurred	1	27	1
Liabilities settled	(14)	(8)	(2)
Revision in estimated cash flows	51	(2)	(6)
Asset retirement obligations at December 31	\$ 2,447	\$ 2,271	\$ 2,125

Approximately \$2.1 billion of the asset retirement obligations represent nuclear decommissioning liabilities that are funded through a surcharge to electric customers over the life of the Fermi 2 nuclear plant. The NRC has jurisdiction over the decommissioning of nuclear power plants and requires minimum decommissioning funding based upon a formula. The MPSC and FERC regulate the recovery of costs of decommissioning nuclear power plants and both require the use of external trust funds to finance the decommissioning of Fermi 2. Rates approved by the MPSC provide for the recovery of decommissioning costs of Fermi 2 and the disposal of low-level radioactive waste. DTE Electric believes the MPSC collections will be adequate to fund the estimated cost of decommissioning. The decommissioning assets, anticipated earnings thereon, and future revenues from decommissioning collections will be used to decommission Fermi 2. DTE Electric expects the liabilities to be reduced to zero at the conclusion of the decommissioning activities. If amounts remain in the trust funds for Fermi 2 following the completion of the decommissioning activities, those amounts will be disbursed based on rulings by the MPSC and FERC.

A portion of the funds recovered through the Fermi 2 decommissioning surcharge and deposited in external trust accounts is designated for the removal of non-radioactive assets and returning the site to greenfield. This removal and greenfielding is not considered a legal liability. Therefore, it is not included in the asset retirement obligation, but is reflected as the Nuclear decommissioning liability. The decommissioning of Fermi 1 is funded by DTE Electric. Contributions to the Fermi 1 trust are discretionary. For additional discussion of Nuclear decommissioning trust fund assets, see Note 13 to the Consolidated Financial Statements, "Fair Value."

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NOTES TO FINANCIAL STATEMENTS (Continued)			

NOTE 10 — REGULATORY MATTERS

Regulation

DTE Electric and DTE Gas are subject to the regulatory jurisdiction of the MPSC, which issues orders pertaining to rates, recovery of certain costs, including the costs of generating facilities and regulatory assets, conditions of service, accounting, and operating-related matters. DTE Electric is also regulated by the FERC with respect to financing authorization and wholesale electric activities. Regulation results in differences in the application of generally accepted accounting principles between regulated and non-regulated businesses.

The Registrants are unable to predict the outcome of the unresolved regulatory matters discussed herein. Resolution of these matters is dependent upon future MPSC orders and appeals, which may materially impact the Consolidated Financial Statements of the Registrants.

Regulatory Assets and Liabilities

DTE Electric and DTE Gas are required to record Regulatory assets and liabilities for certain transactions that would have been treated as revenue or expense in non-regulated businesses. Continued applicability of regulatory accounting treatment requires that rates be designed to recover specific costs of providing regulated services and be charged to and collected from customers. Future regulatory changes could result in the discontinuance of this accounting treatment for Regulatory assets and liabilities for some or all of the Registrants' businesses and may require the write-off of the portion of any Regulatory asset or liability that was no longer probable of recovery through regulated rates. Management believes that currently available facts support the continued use of Regulatory assets and liabilities and that all Regulatory assets and liabilities are recoverable or refundable in the current regulatory environment.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following are balances and a brief description of the Registrants' Regulatory assets and liabilities at December 31:

	DTE Energy		DTE Electric	
	2019	2018	2019	2018
Assets	(In millions)			
Recoverable pension and other postretirement costs				
Pension	\$ 1,983	\$ 1,961	\$ 1,497	\$ 1,476
Other postretirement costs	201	213	131	121
Fermi 2 asset retirement obligation	669	778	669	778
Recoverable undepreciated costs on retiring plants	657	630	657	630
Recoverable Michigan income taxes	189	201	152	161
Deferred environmental costs	66	69	—	—
Recoverable income taxes related to AFUDC equity	56	51	47	41
Unamortized loss on reacquired debt	56	60	40	43
Customer360 deferred costs	55	42	55	42
Energy Waste Reduction incentive	54	49	43	39
Nuclear Performance Evaluation and Review Committee Tracker	48	43	48	43
Enhanced Tree Trimming Program deferred costs	43	—	43	—
Other recoverable income taxes	20	23	20	23
Non-service pension and other postretirement costs	15	10	—	—
Transitional Reconciliation Mechanism	10	21	10	21
Accrued PSCR/GCR revenue	3	116	3	116
Removal costs asset	—	407	—	407
Other	51	47	38	36
	4,176	4,721	3,453	3,977
Less amount included in Current Assets	(5)	(153)	(5)	(148)
	\$ 4,171	\$ 4,568	\$ 3,448	\$ 3,829

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NOTES TO FINANCIAL STATEMENTS (Continued)			

	DTE Energy		DTE Electric	
	2019	2018	2019	2018
Liabilities	(In millions)			
Refundable federal income taxes	\$ 2,359	\$ 2,410	\$ 1,911	\$ 1,958
Removal costs liability	700	253	483	—
Negative other postretirement offset	93	101	69	79
Renewable energy	54	86	54	86
Non-service pension and other postretirement costs	46	22	21	11
Accrued PSCR/GCR refund	23	—	—	—
TCJA rate reduction liability	1	118	—	93
Other	53	58	48	42
	3,329	3,048	2,586	2,269
Less amount included in Current Liabilities	(65)	(126)	(40)	(98)
	\$ 3,264	\$ 2,922	\$ 2,546	\$ 2,171

As noted below, certain Regulatory assets for which costs have been incurred have been included (or are expected to be included, for costs incurred subsequent to the most recently approved rate case) in DTE Electric's or DTE Gas' rate base, thereby providing a return on invested costs (except as noted). Certain other regulatory assets are not included in rate base but accrue recoverable carrying charges until surcharges to collect the assets are billed. Certain Regulatory assets do not result from cash expenditures and therefore do not represent investments included in rate base or have offsetting liabilities that reduce rate base.

ASSETS

- *Recoverable pension and other postretirement costs* — Accounting standards for pension and other postretirement benefit costs require, among other things, the recognition in Other comprehensive income of the actuarial gains or losses and the prior service costs that arise during the period but that are not immediately recognized as components of net periodic benefit costs. DTE Electric and DTE Gas record the impact of actuarial gains or losses and prior service costs as a Regulatory asset since the traditional rate setting process allows for the recovery of pension and other postretirement costs. The asset will reverse as the deferred items are amortized and recognized as components of net periodic benefit costs.^(a)
- *Fermi 2 asset retirement obligation* — This obligation is for Fermi 2 decommissioning costs. The asset captures the timing differences between expense recognition and current recovery in rates and will reverse over the remaining life of the related plant.^(a)
- *Recoverable undepreciated costs on retiring plants* — Deferral of estimated remaining balances associated with coal power plants expected to be retired by 2023.
- *Recoverable Michigan income taxes* — The State of Michigan enacted a corporate income tax resulting in the establishment of state deferred tax liabilities for DTE Energy's utilities. Offsetting Regulatory assets were also recorded as the impacts of the deferred tax liabilities will be reflected in rates as the related taxable temporary differences reverse and flow through current income tax expense.

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- *Deferred environmental costs* — The MPSC approved the deferral of investigation and remediation costs associated with DTE Gas' former MGP sites. Amortization of deferred costs is over a ten-year period beginning in the year after costs were incurred, with recovery (net of any insurance proceeds) through base rate filings.^(a)
- *Recoverable income taxes related to AFUDC equity* — Accounting standards for income taxes require recognition of a deferred tax liability for the equity component of AFUDC. A regulatory asset is required for the future increase in taxes payable related to the equity component of AFUDC that will be recovered from customers through future rates over the remaining life of the related plant.
- *Unamortized loss on reacquired debt* — The unamortized discount, premium, and expense related to debt redeemed with a refinancing are deferred, amortized, and recovered over the life of the replacement issue.
- *Customer360 deferred costs* — The MPSC approved the deferral and amortization of certain costs associated with implementing Customer360, an integrated software application that enables improved interface among customer service, billing, meter reading, credit and collections, device management, account management, and retail access. Amortization of deferred costs over a 15-year amortization period began after the billing system was put into operation during the second quarter of 2017.
- *Energy Waste Reduction incentive* — DTE Electric and DTE Gas operate MPSC approved energy waste reduction programs designed to reduce overall energy usage by their customers. The utilities are eligible to earn an incentive by exceeding statutory savings targets. The utilities have consistently exceeded the savings targets and recognize the incentive as a regulatory asset in the period earned.^(a)
- *Nuclear Performance Evaluation and Review Committee Tracker* — Deferral and amortization of certain costs associated with oversight and review of DTE Electric's nuclear power generation program, including safety and regulatory compliance, nuclear leadership, nuclear facilities, as well as operation and financial performance, pursuant to the MPSC authorization. The approved five-year amortization period began January 1, 2018, with recovery through base rate filings.
- *Enhanced Tree Trimming Program deferred costs* — The MPSC approved the deferral of costs for the first three years of a tree trimming surge, aimed at reducing the number and duration of customer interruptions. The MPSC will review the surge program and amortization of deferred costs in future rate filings.
- *Other recoverable income taxes* — Income taxes receivable from DTE Electric's customers representing the difference in property-related deferred income taxes and amounts previously reflected in DTE Electric's rates. This asset will reverse over the remaining life of the related plant.
- *Non-service pension and other postretirement costs* — Upon adoption of ASU 2017-07 on January 1, 2018, certain non-service costs are no longer capitalized into Property, Plant & Equipment. Such costs may be recorded to regulatory assets for ratemaking purposes and recovered as amortization expense based on the composite depreciation rate for plant-in-service.
- *Transitional Reconciliation Mechanism* — The MPSC approved the recovery of the deferred net incremental revenue requirement associated with the transition of PLD customers to DTE Electric's distribution system, effective July 1, 2014. Annual reconciliations are filed and surcharges are implemented to recover approved amounts.

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- *Accrued PSCR/GCR revenue* — Receivable for the temporary under-recovery of and carrying costs on fuel and purchased power costs incurred by DTE Electric which are recoverable through the PSCR mechanism and temporary under-recovery of and carrying costs on gas costs incurred by DTE Gas which are recoverable through the GCR mechanism.
- *Removal costs asset* — Receivable for the recovery of asset removal expenditures in excess of amounts collected from customers.^(a) Cost of removal is included within depreciation rates approved by the MPSC. In connection with DTE Electric's recent rate order in 2019 which approved an updated depreciation study, DTE Electric re-measured the amount of historical depreciation expense that had been allocated between accumulated depreciation and cost of removal. The reallocation was performed following a settlement with the MPSC in which DTE Electric agreed to maintain specific, individual reserve accounts for the cost of removal for certain retiring plants. Based upon the reallocation, it was determined that the amounts collected for asset removal expenditures, as a component of depreciation, have exceeded actual asset removal expenditures. Accordingly, DTE Electric reallocated amounts from accumulated depreciation to the removal cost regulatory balance resulting in a net Removal costs liability as of December 31, 2019.

(a) Regulatory assets not earning a return or accruing carrying charges.

LIABILITIES

- *Refundable federal income taxes* — DTE Electric and DTE Gas' remeasurement of deferred taxes due to the enactment of the TCJA, which reflects the net impact of the tax rate change on cumulative temporary differences expected to reverse after the effective date of January 1, 2018. Refer to "2017 Tax Reform" section below for additional information.
- *Removal costs liability* — The amount collected from customers for the funding of future asset removal activities. For 2019, the liability includes amounts previously reflected within the Removal costs asset for DTE Electric, as noted above.
- *Negative other postretirement offset* — DTE Electric and DTE Gas' negative other postretirement costs are not included as a reduction to their authorized rates; therefore, DTE Electric and DTE Gas are accruing a Regulatory liability to eliminate the impact on earnings of the negative other postretirement expense accrual. The Regulatory liabilities will reverse to the extent DTE Electric and DTE Gas' other postretirement expense is positive in future years.
- *Renewable energy* — Amounts collected in rates in excess of renewable energy expenditures.
- *Non-service pension and other postretirement costs* — Upon adoption of ASU 2017-07 on January 1, 2018, certain non-service cost activity is no longer credited to Property, Plant & Equipment. Such costs may be recorded to regulatory liabilities for ratemaking purposes and refunded through credits to amortization expense based on the composite depreciation rate for plant-in-service.
- *Accrued PSCR/GCR refund* - Liability for the temporary over-recovery of and a return on power supply costs and transmission costs incurred by DTE Electric which are recoverable through the PSCR mechanism and temporary over-recovery of and a return on gas costs incurred by DTE Gas which are recoverable through the GCR mechanism.
- *TCJA rate reduction liability* — Due to the change in the corporate Federal income tax rate from 35% to 21%, DTE Electric and DTE Gas reduced rates charged to customers during 2018. A regulatory liability equal to the difference between revenues billed based on a 35% rate, and revenues based on a 21% rate, was accrued for the period January 1, 2018 through the date the lower rates were implemented. The refund of the liability occurred from January 1, 2019 through June 30, 2019.

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2018 Electric Rate Case Filing

DTE Electric filed a rate case with the MPSC on July 6, 2018 requesting an increase in base rates of \$328 million based on a projected twelve-month period ending April 30, 2020. The requested increase in base rates was primarily due to an increase in net plant resulting from infrastructure investments, depreciation expense, as requested in the 2016 DTE Electric Depreciation Case Filing, and reliability improvement projects. The rate filing also requested an increase in return on equity from 10.0% to 10.5% and included projected changes in sales, operation and maintenance expenses, and working capital. In addition, the rate filing requested an Infrastructure Recovery Mechanism to recover the incremental revenue requirement associated with certain distribution, fossil generation, and nuclear generation capital expenditures through 2022. Finally, as noted in the 2017 Tax Reform section below, DTE Electric proposed an amortization schedule for Calculation C in this filing. On February 1, 2019 DTE Electric reduced its initial requested increase in base rates to \$248.6 million, primarily reflecting the reduction in requested depreciation expense resulting from the MPSC's approval of new depreciation rates. On May 2, 2019, the MPSC issued an order approving an annual revenue increase of \$125 million for services rendered on or after May 9, 2019. The MPSC authorized a return on equity of 10.0%. In addition, the order approved the proposed amortization schedule for Calculation C but denied the requested Infrastructure Recovery Mechanism.

2019 Electric Rate Case Filing

DTE Electric filed a rate case with the MPSC on July 8, 2019 requesting an increase in base rates of \$351 million based on a projected twelve-month period ending April 30, 2021. The requested increase in base rates is primarily due to an increase in net plant resulting from infrastructure and generation investments. The rate filing also requests an increase in return on equity from 10.0% to 10.5% and includes projected changes in sales and operating and maintenance expenses. A final MPSC order in this case is expected by May 2020.

2016 DTE Electric Depreciation Case Filing

DTE Electric filed a depreciation case with the MPSC on November 1, 2016 requesting an increase in depreciation rates for plant in service balances as of December 31, 2015. The MPSC issued an order on December 6, 2018 authorizing DTE Electric to increase its composite depreciation rate from 3.06% to 3.72%. The new rates are effective for service rendered on or after May 9, 2019, per the final order in DTE Electric's 2018 rate case issued on May 2, 2019.

2017 Tax Reform

On December 27, 2017, the MPSC issued an order to consider changes in the rates of all Michigan rate-regulated utilities to reflect the effects of the federal TCJA. On January 19, 2018, DTE Electric and DTE Gas filed information with the MPSC regarding the potential change in revenue requirements due to the TCJA effective January 1, 2018 and outlined their recommended method to flow the current and deferred tax benefits of those impacts to ratepayers.

On February 22, 2018, the MPSC issued an order in this case requiring utilities, including DTE Electric and DTE Gas, to follow a 3-step approach of credits and calculations. In 2018, MPSC orders for the first two steps, Credit A and Credit B, were issued for DTE Electric and DTE Gas. The third step is to perform Calculation C to address all remaining issues relative to the new tax law, which is primarily the remeasurement of deferred taxes and how the amounts deferred as Regulatory liabilities will flow to ratepayers. DTE Gas filed its Calculation C case on November 16, 2018 to reduce the annual revenue requirement by \$12 million related to the amortization of deferred tax remeasurement. On August 20, 2019, the MPSC issued an order in this case approving a \$13 million reduction to DTE Gas' annual revenue requirement. This reduction in revenue will be offset by a corresponding reduction in income tax expenses with the Consolidated Statement of Operations. DTE Electric proposed an amortization schedule for Calculation C in its general rate case filed July 6, 2018, which was approved by the MPSC in the May 2, 2019 rate order.

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2019 Gas Rate Case Filing

DTE Gas filed a rate case with the MPSC on November 25, 2019 requesting an increase in base rates of \$204 million based on a projected twelve-month period ending September 30, 2021. The requested increase in base rates is primarily due to an increase in net plant resulting from infrastructure investments and operating and maintenance expenses. The rate filing also requests an increase in return on equity from 10.0% to 10.5% and includes projected changes in sales and working capital. A final MPSC order in this case is expected by September 2020.

NOTE 11 — INCOME TAXES

Income Tax Summary

DTE Energy files a consolidated federal income tax return. DTE Electric is a part of the consolidated federal income tax return of DTE Energy. DTE Energy and its subsidiaries file consolidated and/or separate company income tax returns in various states and localities, including a consolidated return in the State of Michigan. DTE Electric is part of the Michigan consolidated income tax return of DTE Energy. The federal, state and local income tax expense for DTE Electric is determined on an individual company basis with no allocation of tax expenses or benefits from other affiliates of DTE Energy. DTE Electric had income tax receivables with DTE Energy of \$14 million and \$8 million at December 31, 2019 and 2018, respectively.

The Registrants' total Income Tax Expense varied from the statutory federal income tax rate for the following reasons:

	2019	2018	2017
	(In millions)		
DTE Energy			
Income Before Income Taxes	\$ 1,324	\$ 1,216	\$ 1,287
Income tax expense at statutory rate - 21% in 2019 and 2018 - 35% in 2017	\$ 278	\$ 255	\$ 450
Production tax credits	(128)	(223)	(189)
Investment tax credits	(4)	(4)	(4)
TCJA regulatory liability amortization	(38)	—	—
Depreciation	2	2	(4)
Noncontrolling interests	—	2	8
AFUDC equity	(4)	(14)	(18)
Employee Stock Ownership Plan dividends	(3)	(3)	(5)
Stock based compensation	(7)	(3)	(14)
State and local income taxes, net of federal benefit	48	60	51
Enactment of the Tax Cuts and Jobs Act	—	21	(105)
Other, net	8	5	5
Income Tax Expense	\$ 152	\$ 98	\$ 175
Effective income tax rate	11.5%	8.1%	13.6%

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

	2019	2018	2017
DTE Electric			
	(In millions)		
Income Before Income Taxes	\$ 854	\$ 857	\$ 928
Income tax expense at statutory rate - 21% in 2019 and 2018 - 35% in 2017	\$ 179	\$ 180	\$ 325
Production tax credits	(45)	(35)	(36)
Investment tax credits	(4)	(3)	(4)
TCJA regulatory liability amortization	(35)	—	—
Depreciation	2	2	3
AFUDC equity	(4)	(3)	(5)
Employee Stock Ownership Plan dividends	(2)	(2)	(3)
State and local income taxes, net of federal benefit	49	49	48
Enactment of the Tax Cuts and Jobs Act	—	7	—
Other, net	(2)	(2)	(1)
Income Tax Expense	\$ 138	\$ 193	\$ 327
Effective income tax rate	16.2%	22.5%	35.2%

Components of the Registrants' Income Tax Expense were as follows:

	2019	2018	2017
DTE Energy			
	(In millions)		
Current income tax expense (benefit)			
Federal	\$ (184)	\$ (17)	\$ (22)
State and other income tax	7	1	1
Total current income taxes	(177)	(16)	(21)
Deferred income tax expense			
Federal	275	38	118
State and other income tax	54	76	78
Total deferred income taxes	329	114	196
	\$ 152	\$ 98	\$ 175

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

	2019	2018	2017
DTE Electric			
	(In millions)		
Current income tax expense (benefit)			
Federal	\$ 25	\$ —	\$ (17)
State and other income tax	16	4	(1)
Total current income taxes	41	4	(18)
Deferred income tax expense			
Federal	51	131	270
State and other income tax	46	58	75
Total deferred income taxes	97	189	345
	\$ 138	\$ 193	\$ 327

Deferred tax assets and liabilities are recognized for the estimated future tax effect of temporary differences between the tax basis of assets or liabilities and the reported amounts in the Registrant's Consolidated Financial Statements. Consistent with the original establishment of these deferred tax liabilities (assets), recognition of these non-cash transactions are not reflected in the Consolidated Statements of Cash Flows.

The Registrants' deferred tax assets (liabilities) were comprised of the following at December 31:

	DTE Energy		DTE Electric	
	2019	2018	2019	2018
	(In millions)			
Property, plant, and equipment	\$ (3,755)	\$ (3,462)	\$ (2,956)	\$ (2,840)
Regulatory assets and liabilities	(47)	(54)	4	(3)
Tax credit carry-forwards	1,161	1,178	252	250
Pension and benefits	300	311	258	258
Federal net operating loss carry-forward	276	117	—	2
State and local net operating loss carry-forwards	117	59	—	1
Investments in equity method investees	(465)	(216)	—	(1)
Other	138	125	87	87
	(2,275)	(1,942)	(2,355)	(2,246)
Less valuation allowance	(40)	(33)	—	—
Long-term deferred income tax liabilities	\$ (2,315)	\$ (1,975)	\$ (2,355)	\$ (2,246)
Deferred income tax assets	\$ 2,264	\$ 2,021	\$ 865	\$ 855
Deferred income tax liabilities	(4,579)	(3,996)	(3,220)	(3,101)
	\$ (2,315)	\$ (1,975)	\$ (2,355)	\$ (2,246)

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Tax credit carry-forwards for DTE Energy include \$1.01 billion of general business credits that expire from 2034 through 2039 and \$153 million of alternative minimum tax credits that will be refundable over the next three years. The alternative minimum tax credits are production tax credits earned prior to 2006 but not utilized. The majority of these alternative minimum tax credits were generated from projects that had received a private letter ruling (PLR) from the IRS. These PLRs provide assurance as to the appropriateness of using these credits to offset taxable income, however, these tax credits are subject to IRS audit and adjustment. No valuation allowance is required for the tax credits carry-forward deferred tax asset.

DTE Energy has a federal net operating loss carry-forward of \$1.3 billion as of December 31, 2019. The net operating loss carry-forwards generated in 2015 and 2016 will expire from 2035 through 2036, and the net operating loss carry-forward generated in 2018 and subsequent years will be carried forward indefinitely. No valuation allowance is required for the federal net operating loss deferred tax asset.

DTE Energy has state and local deferred tax assets related to net operating loss carry-forwards of \$117 million and \$59 million at December 31, 2019 and 2018, respectively. The state and local net operating loss carry-forwards expire from 2020 through 2039. DTE Energy has recorded valuation allowances at December 31, 2019 and 2018 of approximately \$40 million and \$33 million, respectively, which are primarily related to these deferred tax assets. In assessing the realizability of deferred tax assets, DTE Energy considers whether it is more likely than not that some portion or all of the deferred tax assets will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible.

Tax credit carry-forwards for DTE Electric include \$252 million of general business credits that expire from 2036 through 2039. No valuation allowance is required for the tax credits carry-forward deferred tax asset.

DTE Electric has no state and local deferred tax assets related to net operating loss carry-forwards at December 31, 2019, while there was \$1 million of state and local deferred tax assets related to net operating loss carry-forwards at December 31, 2018. No valuation allowance is required for DTE Electric's state and local net operating loss carry-forwards.

The above tables exclude unamortized investment tax credits that are shown separately on the Registrants' Consolidated Statements of Financial Position. Investment tax credits are deferred and amortized to income over the average life of the related property.

Tax Cuts and Jobs Act

On December 22, 2017, the TCJA was enacted reducing the corporate income tax rate from 35% to 21%, effective January 1, 2018. As a result of the enactment, the deferred tax assets and liabilities were remeasured to reflect the impact of the TCJA on the cumulative temporary differences expected to reverse after the effective date. The net impact of this remeasurement was a decrease in deferred tax liabilities of \$2.56 billion, of which \$2.45 billion was attributable to regulated utilities and offset to regulatory assets and liabilities. This regulatory treatment is consistent with prior precedent set by the MPSC from previous tax law changes. The remaining \$105 million was attributable to the non-utility entities and was recognized as a net reduction to income tax expense in 2017.

During the year ended December 31, 2018, DTE Energy and DTE Electric finalized their analysis and recorded true-up adjustments to the remeasurement of deferred taxes of \$21 million and \$7 million, respectively. The impact of the true-up adjustments was an increase in Income Tax Expense, of which \$17 million was attributable to the regulated utilities and increased Regulatory liabilities.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

During 2019, DTE Electric and DTE Gas began amortizing excess deferred tax liabilities in accordance with orders issued by the Michigan Public Service Commission. Refer to Note 10 to the Consolidated Financial Statements, "Regulatory Matters," for further detail regarding these orders.

Uncertain Tax Positions

A reconciliation of the beginning and ending amount of unrecognized tax benefits for the Registrants is as follows:

	2019	2018	2017
	(In millions)		
DTE Energy			
Balance at January 1	\$ 10	\$ 10	\$ 10
Additions for tax positions of prior years	—	—	—
Balance at December 31	\$ 10	\$ 10	\$ 10
	2019	2018	2017
	(In millions)		
DTE Electric			
Balance at January 1	\$ 13	\$ 13	\$ 13
Additions for tax positions of prior years	—	—	—
Balance at December 31	\$ 13	\$ 13	\$ 13

DTE Energy had \$8 million of unrecognized tax benefits at December 31, 2019 and 2018 that, if recognized, would favorably impact its effective tax rate. DTE Energy does not anticipate any material decrease in unrecognized tax benefits in the next twelve months.

DTE Electric had \$10 million of unrecognized tax benefits at December 31, 2019 and 2018 that, if recognized, would favorably impact its effective tax rate. DTE Electric does not anticipate any material decrease in unrecognized tax benefits in the next twelve months.

The Registrants recognize interest and penalties pertaining to income taxes in Interest expense and Other expenses, respectively, on their Consolidated Statements of Operations.

Accrued interest pertaining to income taxes for DTE Energy totaled \$4 million at December 31, 2019 and 2018. DTE Energy recognized interest expense related to income taxes of \$1 million in 2019 and 2018, and a nominal amount in 2017. DTE Energy had accrued no penalties pertaining to income taxes.

Accrued interest pertaining to income taxes for DTE Electric totaled \$6 million and \$5 million at December 31, 2019 and 2018, respectively. DTE Electric recognized interest expense related to income taxes of \$1 million in 2019 and 2018, and a nominal amount in 2017. DTE Electric had accrued no penalties pertaining to income taxes.

In 2019, DTE Energy, including DTE Electric, settled a federal tax audit for the 2017 tax year. DTE Energy's federal income tax returns for 2018 and subsequent years remain subject to examination by the IRS. DTE Energy's Michigan Business Tax returns for the years 2008-2011 and Michigan Corporate Income Tax returns for the year 2015 and subsequent years remain subject to examination by the State of Michigan. DTE Energy also files tax returns in numerous state and local jurisdictions with varying statutes of limitation.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

NOTE 12 — COMMON STOCK AND EARNINGS PER SHARE

Common Stock

On October 1, 2019, DTE Energy issued approximately 5.87 million shares of common stock under the stock repurchase contracts associated with DTE Energy's 2016 Series C Equity Units for \$675 million. Refer to Note 15 to the Consolidated Financial Statements, "Long-Term Debt" for additional information.

In conjunction with the acquisition of Blue Union and LEAP, in November 2019 DTE Energy issued 2.76 million shares of common stock at \$126.00 per share grossing \$348 million. Net proceeds from the offering were approximately \$339 million. Refer to Note 4 to the Consolidated Financial Statements, "Acquisitions" for additional information.

Earnings per Share

Basic earnings per share is calculated by dividing the net income, adjusted for income allocated to participating securities, by the weighted average number of common shares outstanding during the period. Diluted earnings per share reflect the dilution that would occur if any potentially dilutive instruments were exercised or converted into common shares. DTE Energy's participating securities are restricted shares under the stock incentive program that contain rights to receive non-forfeitable dividends. Equity units, performance shares, and stock options do not receive cash dividends; as such, these awards are not considered participating securities. For additional information, see Notes 15 and 22 to the Consolidated Financial Statements, "Long-Term Debt" and "Stock-Based Compensation," respectively.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

The following is a reconciliation of DTE Energy's basic and diluted income per share calculation for the years ended December 31:

	2019	2018	2017
	(In millions, except per share amounts)		
Basic Earnings per Share			
Net Income Attributable to DTE Energy Company	\$ 1,169	\$ 1,120	\$ 1,134
Less: Allocation of earnings to net restricted stock awards	(2)	(2)	(2)
Net income available to common shareholders — basic	\$ 1,167	\$ 1,118	\$ 1,132
 Average number of common shares outstanding — basic	185	181	179
Basic Earnings per Common Share	\$ 6.32	\$ 6.18	\$ 6.32
 Diluted Earnings per Share			
Net Income Attributable to DTE Energy Company	\$ 1,169	\$ 1,120	\$ 1,134
Less: Allocation of earnings to net restricted stock awards	(2)	(2)	(2)
Net income available to common shareholders — diluted	\$ 1,167	\$ 1,118	\$ 1,132
 Average number of common shares outstanding - diluted	185	181	179
Diluted Earnings per Common Share ^(a)	\$ 6.31	\$ 6.17	\$ 6.32

(a) Equity Units excluded from the calculation of diluted EPS were approximately 9.9 million for the year ended December 31, 2019 and 6.3 million for the years ended December 31, 2018 and 2017, as the dilutive stock price threshold was not met. For more information, see Note 15 to the Consolidated Financial Statements, "Long-Term Debt."

NOTE 13 — FAIR VALUE

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in a principal or most advantageous market. Fair value is a market-based measurement that is determined based on inputs, which refer broadly to assumptions that market participants use in pricing assets or liabilities. These inputs can be readily observable, market corroborated, or generally unobservable inputs. The Registrants make certain assumptions they believe that market participants would use in pricing assets or liabilities, including assumptions about risk, and the risks inherent in the inputs to valuation techniques. Credit risk of the Registrants and their counterparties is incorporated in the valuation of assets and liabilities through the use of credit reserves, the impact of which was immaterial at December 31, 2019 and 2018. The Registrants believe they use valuation techniques that maximize the use of observable market-based inputs and minimize the use of unobservable inputs.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

A fair value hierarchy has been established that prioritizes the inputs to valuation techniques used to measure fair value in three broad levels. The fair value hierarchy gives the highest priority to quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). In some cases, the inputs used to measure fair value might fall in different levels of the fair value hierarchy. All assets and liabilities are required to be classified in their entirety based on the lowest level of input that is significant to the fair value measurement in its entirety. Assessing the significance of a particular input may require judgment considering factors specific to the asset or liability and may affect the valuation of the asset or liability and its placement within the fair value hierarchy. The Registrants classify fair value balances based on the fair value hierarchy defined as follows:

- *Level 1* — Consists of unadjusted quoted prices in active markets for identical assets or liabilities that the Registrants have the ability to access as of the reporting date.
- *Level 2* — Consists of inputs other than quoted prices included within Level 1 that are directly observable for the asset or liability or indirectly observable through corroboration with observable market data.
- *Level 3* — Consists of unobservable inputs for assets or liabilities whose fair value is estimated based on internally developed models or methodologies using inputs that are generally less readily observable and supported by little, if any, market activity at the measurement date. Unobservable inputs are developed based on the best available information and subject to cost-benefit constraints.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

The following table presents assets and liabilities for DTE Energy measured and recorded at fair value on a recurring basis:

	December 31, 2019						December 31, 2018					
	Level 1	Level 2	Level 3	Other ^(b)	Netting ^(c)	Net Balance	Level 1	Level 2	Level 3	Other ^(b)	Netting ^(c)	Net Balance
(In millions)												
Assets												
Cash equivalents ^(d)	\$ 15	\$ —	\$ —	\$ —	\$ —	\$ 15	\$ 16	\$ 2	\$ —	\$ —	\$ —	\$ 18
Nuclear decommissioning trusts												
Equity securities	1,046	—	—	—	—	1,046	851	—	—	—	—	851
Fixed income securities	160	378	—	—	—	538	12	490	—	—	—	502
Private equity and other	—	—	—	43	—	43	—	—	—	20	—	20
Cash equivalents	34	—	—	—	—	34	5	—	—	—	—	5
Other investments ^(e)												
Equity securities	140	—	—	—	—	140	110	—	—	—	—	110
Fixed income securities	79	—	—	—	—	79	69	—	—	—	—	69
Cash equivalents	4	—	—	—	—	4	4	—	—	—	—	4
Derivative assets												
Commodity contracts												
Natural gas	205	76	74	—	(266)	89	199	87	63	—	(277)	72
Electricity	—	223	83	—	(225)	81	—	247	56	—	(252)	51
Environmental & Other	—	110	3	—	(110)	3	—	—	7	—	(1)	6
Foreign currency exchange contracts	—	1	—	—	—	1	—	4	—	—	—	4
Total derivative assets	205	410	160	—	(601)	174	199	338	126	—	(530)	133
Total	\$ 1,683	\$ 788	\$ 160	\$ 43	\$ (601)	\$ 2,073	\$ 1,266	\$ 830	\$ 126	\$ 20	\$ (530)	\$ 1,712

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DTE Electric Company		04/15/2020	2019/Q4
NOTES TO FINANCIAL STATEMENTS (Continued)			

Liabilities

Derivative liabilities

Commodity contracts

Natural gas	\$ (221)	\$ (41)	\$ (89)	\$ —	\$ 266	\$ (85)	\$ (197)	\$ (71)	\$ (112)	\$ —	\$ 272	\$ (108)
Electricity	—	(231)	(67)	—	225	(73)	—	(227)	(58)	—	240	(45)
Environmental & Other	—	(121)	—	—	110	(11)	—	(1)	—	—	1	—
Interest rate contracts	—	—	—	—	—	—	—	(3)	—	—	—	(3)
Total	\$ (221)	\$ (393)	\$ (156)	\$ —	\$ 601	\$ (169)	\$ (197)	\$ (302)	\$ (170)	\$ —	\$ 513	\$ (156)

Net Assets (Liabilities) at end of period	\$ 1,462	\$ 395	\$ 4	\$ 43	\$ —	\$ 1,904	\$ 1,069	\$ 528	\$ (44)	\$ 20	\$ (17)	\$ 1,556
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Assets

Current	\$ 218	\$ 320	\$ 123	\$ —	\$ (513)	\$ 148	\$ 212	\$ 273	\$ 96	\$ —	\$ (461)	\$ 120
Noncurrent	1,465	468	37	43	(88)	1,925	1,054	557	30	20	(69)	1,592
Total Assets	\$ 1,683	\$ 788	\$ 160	\$ 43	\$ (601)	\$ 2,073	\$ 1,266	\$ 830	\$ 126	\$ 20	\$ (530)	\$ 1,712

Liabilities

Current	\$ (211)	\$ (300)	\$ (85)	\$ —	\$ 513	\$ (83)	\$ (191)	\$ (251)	\$ (76)	\$ —	\$ 451	\$ (67)
Noncurrent	(10)	(93)	(71)	—	88	(86)	(6)	(51)	(94)	—	62	(89)
Total Liabilities	\$ (221)	\$ (393)	\$ (156)	\$ —	\$ 601	\$ (169)	\$ (197)	\$ (302)	\$ (170)	\$ —	\$ 513	\$ (156)

Net Assets (Liabilities) at end of period	\$ 1,462	\$ 395	\$ 4	\$ 43	\$ —	\$ 1,904	\$ 1,069	\$ 528	\$ (44)	\$ 20	\$ (17)	\$ 1,556
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(b) Amounts represent assets valued at NAV as a practical expedient for fair value.

(c) Amounts represent the impact of master netting agreements that allow DTE Energy to net gain and loss positions and cash collateral held or placed with the same counterparties.

(d) At December 31, 2019, the \$15 million consisted of \$4 million and \$11 million of cash equivalents included in Cash and Cash equivalents and Other investments on DTE Energy's Consolidated Statements of Financial Position, respectively. At December 31, 2018, the \$18 million consisted of \$3 million, \$5 million, and \$10 million of cash equivalents included in Cash and Cash equivalents, Restricted cash, and Other investments on DTE Energy's Consolidated Statements of Financial Position, respectively.

(e) Excludes cash surrender value of life insurance investments.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

The following table presents assets for DTE Electric measured and recorded at fair value on a recurring basis as of:

	December 31, 2019					December 31, 2018				
	Level 1	Level 2	Level 3	Other ^(a))	Net Balance	Level 1	Level 2	Level 3	Other ^(a))	Net Balance
(In millions)										
Assets										
Cash equivalents ^(b)	\$ 11	\$ —	\$ —	\$ —	\$ 11	\$ 8	\$ 2	\$ —	\$ —	\$ 10
Nuclear decommissioning trusts										
Equity securities	1,046	—	—	—	1,046	851	—	—	—	851
Fixed income securities	160	378	—	—	538	12	490	—	—	502
Private equity and other	—	—	—	43	43	—	—	—	20	20
Cash equivalents	34	—	—	—	34	5	—	—	—	5
Other investments										
Equity securities	13	—	—	—	13	10	—	—	—	10
Derivative assets — FTRs	—	—	3	—	3	—	—	6	—	6
Total	\$ 1,264	\$ 378	\$ 3	\$ 43	\$ 1,688	\$ 886	\$ 492	\$ 6	\$ 20	\$ 1,404
Assets										
Current	\$ 11	\$ —	\$ 3	\$ —	\$ 14	\$ 8	\$ 2	\$ 6	\$ —	\$ 16
Noncurrent	1,253	378	—	43	1,674	878	490	—	20	1,388
Total Assets	\$ 1,264	\$ 378	\$ 3	\$ 43	\$ 1,688	\$ 886	\$ 492	\$ 6	\$ 20	\$ 1,404

(a) Amounts represent assets valued at NAV as a practical expedient for fair value.

(b) At December 31, 2019, the \$11 million consisted of cash equivalents included in Other investments on DTE Electric's Consolidated Statements of Financial Position. At December 31, 2018, the \$10 million consisted of cash equivalents included in Other investments on DTE Electric's Consolidated Statements of Financial Position.

Cash Equivalents

Cash equivalents include investments with maturities of three months or less when purchased. The cash equivalents shown in the fair value table are comprised of short-term investments and money market funds.

Nuclear Decommissioning Trusts and Other Investments

The nuclear decommissioning trusts and other investments hold debt and equity securities directly and indirectly through commingled funds. Exchange-traded debt and equity securities held directly are valued using quoted market prices in actively traded markets. Commingled funds that hold exchange-traded equity or debt securities are valued based on stated NAVs. Non-exchange traded fixed income securities are valued based upon quotations available from brokers or pricing services. Other assets such as private equity investments are classified as NAV assets. A primary price source is identified by asset type, class, or issue for each security. The trustee monitors prices supplied by pricing services and may use a supplemental price source or change the primary price source of a given security if the trustee determines that another price source is considered preferable. The Registrants have obtained an understanding of how these prices are derived, including the nature and observability of the inputs used in deriving such prices.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Derivative Assets and Liabilities

Derivative assets and liabilities are comprised of physical and financial derivative contracts, including futures, forwards, options, and swaps that are both exchange-traded and over-the-counter traded contracts. Various inputs are used to value derivatives depending on the type of contract and availability of market data. Exchange-traded derivative contracts are valued using quoted prices in active markets. The Registrants consider the following criteria in determining whether a market is considered active: frequency in which pricing information is updated, variability in pricing between sources or over time, and the availability of public information. Other derivative contracts are valued based upon a variety of inputs including commodity market prices, broker quotes, interest rates, credit ratings, default rates, market-based seasonality, and basis differential factors. The Registrants monitor the prices that are supplied by brokers and pricing services and may use a supplemental price source or change the primary price source of an index if prices become unavailable or another price source is determined to be more representative of fair value. The Registrants have obtained an understanding of how these prices are derived. Additionally, the Registrants selectively corroborate the fair value of their transactions by comparison of market-based price sources. Mathematical valuation models are used for derivatives for which external market data is not readily observable, such as contracts which extend beyond the actively traded reporting period. The Registrants have established a Risk Management Committee whose responsibilities include directly or indirectly ensuring all valuation methods are applied in accordance with predefined policies. The development and maintenance of the Registrants' forward price curves has been assigned to DTE Energy's Risk Management Department, which is separate and distinct from the trading functions within DTE Energy.

The following table presents the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for DTE Energy:

	Year Ended December 31, 2019				Year Ended December 31, 2018			
	Natural Gas	Electricity	Other	Total	Natural Gas	Electricity	Other	Total
	(In millions)							
Net Assets (Liabilities) as of January 1	\$ (49)	\$ (2)	\$ 7	\$ (44)	\$ (29)	\$ 12	\$ 8	\$ (9)
Transfers from Level 3 into Level 2	—	—	—	—	(3)	—	—	(3)
Total gains (losses)								
Included in earnings	15	77	(1)	91	(146)	29	1	(116)
Recorded in Regulatory liabilities	—	—	2	2	—	—	9	9
Purchases, issuances, and settlements:								
Settlements	19	(59)	(5)	(45)	129	(43)	(11)	75
Net Assets (Liabilities) as of December 31	\$ (15)	\$ 16	\$ 3	\$ 4	\$ (49)	\$ (2)	\$ 7	\$ (44)
The amount of total gains (losses) included in Net Income attributed to the change in unrealized gains (losses) related to assets and liabilities held at December 31, 2019 and 2018 and reflected in Operating Revenues — Non-utility operations and Fuel, purchased power, and gas — non-utility in DTE Energy's Consolidated Statements of Operations	\$ (1)	\$ 59	\$ (38)	\$ 20	\$ (119)	\$ 15	\$ (16)	\$ (120)

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

The following table presents the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for DTE Electric:

	Year Ended December 31,	
	2019	2018
	(In millions)	
Net Assets as of January 1	\$ 6	\$ 9
Change in fair value recorded in Regulatory liabilities	2	9
Purchases, issuances, and settlements:		
Settlements	(5)	(12)
Net Assets as of December 31	\$ 3	\$ 6
The amount of total gains (losses) included in Regulatory liabilities attributed to the change in unrealized gains (losses) related to assets and liabilities held at December 31, 2019 and 2018 and reflected in DTE Electric's Consolidated Statements of Financial Position	\$ 3	\$ 6

Derivatives are transferred between levels primarily due to changes in the source data used to construct price curves as a result of changes in market liquidity. Transfers in and transfers out are reflected as if they had occurred at the beginning of the period.

There were no transfers between Levels 1 and 2 for the Registrants during the years ended December 31, 2019 and 2018, and there were no transfers from or into Level 3 for DTE Electric during the same periods.

The following tables present the unobservable inputs related to DTE Energy's Level 3 assets and liabilities:

Commodity Contracts	December 31, 2019		Valuation Techniques	Unobservable Input	Range	Weighted Average
	Derivative Assets	Derivative Liabilities				
	(In millions)					
Natural Gas	\$ 74	\$ (89)	Discounted Cash Flow	Forward basis price (per MMBtu)	\$ (1.78) — \$ 5.78/MMBtu	\$ (0.09)/MMBtu
Electricity	\$ 83	\$ (67)	Discounted Cash Flow	Forward basis price (per MWh)	\$ (10) — \$ 6/MWh	\$ —/MWh
Commodity Contracts	December 31, 2018		Valuation Techniques	Unobservable Input	Range	Weighted Average
	Derivative Assets	Derivative Liabilities				
	(In millions)					
Natural Gas	\$ 63	\$ (112)	Discounted Cash Flow	Forward basis price (per MMBtu)	\$ (2.15) — \$ 5.59/MMBtu	\$ (0.10)/MMBtu
Electricity	\$ 56	\$ (58)	Discounted Cash Flow	Forward basis price (per MWh)	\$ (7) — \$ 9/MWh	\$ 1/MWh

The unobservable inputs used in the fair value measurement of the electricity and natural gas commodity types consist of inputs that are less observable due in part to lack of available broker quotes, supported by little, if any, market activity at the measurement date or are based on internally developed models. Certain basis prices (i.e., the difference in pricing between two locations) included in the valuation of natural gas and electricity contracts were deemed unobservable.

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The inputs listed above would have a direct impact on the fair values of the above security types if they were adjusted. A significant increase (decrease) in the basis price would result in a higher (lower) fair value for long positions, with offsetting impacts to short positions.

Fair Value of Financial Instruments

The following table presents the carrying amount and fair value of financial instruments for DTE Energy:

	December 31, 2019				December 31, 2018			
	Carrying	Fair Value			Carrying	Fair Value		
	Amount	Level 1	Level 2	Level 3	Amount	Level 1	Level 2	Level 3
(In millions)								
Notes receivable — Other ^(a) , excluding lessor finance leases	\$ 184	\$ —	\$ —	\$ 184	\$ 40	\$ —	\$ —	\$ 40
Dividends payable	\$ 195	\$ 195	\$ —	\$ —	\$ 172	\$ 172	\$ —	\$ —
Short-term borrowings	\$ 828	\$ —	\$ 828	\$ —	\$ 609	\$ —	\$ 609	\$ —
Notes payable — Other ^(b) , excluding lessee finance leases	\$ 25	\$ —	\$ —	\$ 25	\$ 41	\$ —	\$ —	\$ 41
Long-term debt ^(c)	\$ 16,606	\$ 2,572	\$ 14,207	\$ 1,252	\$ 13,622	\$ 1,796	\$ 10,712	\$ 1,317

(a) Current portion included in Current Assets — Other on DTE Energy's Consolidated Statements of Financial Position.

(b) Included in Current Liabilities — Other and Other Liabilities — Other on DTE Energy's Consolidated Statements of Financial Position.

(c) Includes debt due within one year, unamortized debt discounts, and issuance costs. Excludes finance lease obligations.

The following table presents the carrying amount and fair value of financial instruments for DTE Electric:

	December 31, 2019				December 31, 2018			
	Carrying	Fair Value			Carrying	Fair Value		
	Amount	Level 1	Level 2	Level 3	Amount	Level 1	Level 2	Level 3
(In millions)								
Notes receivable — Other ^(a) , excluding lessor finance leases	\$ 9	\$ —	\$ —	\$ 9	\$ 6	\$ —	\$ —	\$ 6
Short-term borrowings — affiliates	\$ 97	\$ —	\$ —	\$ 97	\$ 101	\$ —	\$ —	\$ 101
Short-term borrowings — other	\$ 354	\$ —	\$ 354	\$ —	\$ 149	\$ —	\$ 149	\$ —
Notes payable — Other ^(b) , excluding lessee finance leases	\$ 21	\$ —	\$ —	\$ 21	\$ 21	\$ —	\$ —	\$ 21
Long-term debt ^(c)	\$ 7,180	\$ —	\$ 7,916	\$ 173	\$ 6,538	\$ —	\$ 6,552	\$ 161

(a) Included in Current Assets — Other on DTE Electric's Consolidated Statements of Financial Position.

(b) Included in Current Liabilities — Other and Other Liabilities — Other on DTE Electric's Consolidated Statements of Financial Position.

(c) Includes debt due within one year, unamortized debt discounts, and issuance costs. Excludes finance lease obligations.

For further fair value information on financial and derivative instruments, see Note 14 to the Consolidated Financial Statements, "Financial and Other Derivative Instruments."

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Nuclear Decommissioning Trust Funds

DTE Electric has a legal obligation to decommission its nuclear power plants following the expiration of its operating licenses. This obligation is reflected as an Asset retirement obligation on DTE Electric's Consolidated Statements of Financial Position. Rates approved by the MPSC provide for the recovery of decommissioning costs of Fermi 2 and the disposal of low-level radioactive waste. See Note 9 to the Consolidated Financial Statements, "Asset Retirement Obligations."

The following table summarizes DTE Electric's fair value of the nuclear decommissioning trust fund assets:

	December 31,	
	2019	2018
	(In millions)	
Fermi 2	\$ 1,650	\$ 1,372
Fermi 1	3	3
Low-level radioactive waste	8	3
	<u>\$ 1,661</u>	<u>\$ 1,378</u>

The costs of securities sold are determined on the basis of specific identification. The following table sets forth DTE Electric's gains and losses and proceeds from the sale of securities by the nuclear decommissioning trust funds:

	Year Ended December 31,		
	2019	2018	2017
	(In millions)		
Realized gains	\$ 56	\$ 65	\$ 83
Realized losses	\$ (31)	\$ (42)	\$ (29)
Proceeds from sale of securities	\$ 788	\$ 1,203	\$ 1,240

Realized gains and losses from the sale of securities and unrealized gains and losses incurred by the Fermi 2 trust are recorded to the Regulatory asset and Nuclear decommissioning liability. Realized gains and losses from the sale of securities and unrealized gains and losses on the low-level radioactive waste funds are recorded to the Nuclear decommissioning liability.

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The following table sets forth DTE Electric's fair value and unrealized gains and losses for the nuclear decommissioning trust funds:

	December 31, 2019			December 31, 2018		
	Fair Value	Unrealized Gains	Unrealized Losses	Fair Value	Unrealized Gains	Unrealized Losses
	(In millions)					
Equity securities	\$ 1,046	\$ 396	\$ (39)	\$ 851	\$ 235	\$ (79)
Fixed income securities	538	24	(1)	502	7	(8)
Private equity and other	43	—	—	20	—	—
Cash equivalents	34	—	—	5	—	—
	<u>\$ 1,661</u>	<u>\$ 420</u>	<u>\$ (40)</u>	<u>\$ 1,378</u>	<u>\$ 242</u>	<u>\$ (87)</u>

The following table summarizes the fair value of the fixed income securities held in nuclear decommissioning trust funds by contractual maturity:

	December 31, 2019
	(In millions)
Due within one year	\$ 15
Due after one through five years	102
Due after five through ten years	109
Due after ten years	312
	<u>\$ 538</u>

Other Securities

At December 31, 2019 and 2018, the Registrants' securities, included in Other investments on the Consolidated Statements of Financial Position, were comprised primarily of money market and equity securities. Net gains related to equity securities held at December 31, 2019 were \$37 million. Net losses related to equity securities held at December 31, 2018 were \$11 million and net gains related to equity securities held at December 31, 2017 were \$26 million. Gains or losses related to the Rabbi Trust assets are allocated from DTE Energy to DTE Electric.

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NOTE 14 — FINANCIAL AND OTHER DERIVATIVE INSTRUMENTS

The Registrants recognize all derivatives at their fair value as Derivative assets or liabilities on their respective Consolidated Statements of Financial Position unless they qualify for certain scope exceptions, including the normal purchases and normal sales exception. Further, derivatives that qualify and are designated for hedge accounting are classified as either hedges of a forecasted transaction or the variability of cash flows to be received or paid related to a recognized asset or liability (cash flow hedge); or as hedges of the fair value of a recognized asset or liability or of an unrecognized firm commitment (fair value hedge). For cash flow hedges, the derivative gain or loss is deferred in Accumulated other comprehensive income (loss) and later reclassified into earnings when the underlying transaction occurs. For fair value hedges, changes in fair values for the derivative and hedged item are recognized in earnings each period. For derivatives that do not qualify or are not designated for hedge accounting, changes in fair value are recognized in earnings each period.

The Registrants' primary market risk exposure is associated with commodity prices, credit, and interest rates. The Registrants have risk management policies to monitor and manage market risks. The Registrants use derivative instruments to manage some of the exposure. DTE Energy uses derivative instruments for trading purposes in its Energy Trading segment. Contracts classified as derivative instruments include electricity, natural gas, oil, certain environmental contracts, forwards, futures, options, swaps, and foreign currency exchange contracts. Items not classified as derivatives include natural gas and environmental inventory, pipeline transportation contracts, some environmental contracts, and natural gas storage assets.

DTE Electric — DTE Electric generates, purchases, distributes, and sells electricity. DTE Electric uses forward contracts to manage changes in the price of electricity and fuel. Substantially all of these contracts meet the normal purchases and normal sales exception and are therefore accounted for under the accrual method. Other derivative contracts are MTM and recoverable through the PSCR mechanism when settled. This results in the deferral of unrealized gains and losses as Regulatory assets or liabilities until realized.

DTE Gas — DTE Gas purchases, stores, transports, distributes, and sells natural gas, buys and sells transportation capacity, and sells storage capacity. DTE Gas has fixed-priced contracts for portions of its expected natural gas supply requirements through March 2022. Substantially all of these contracts meet the normal purchases and normal sales exception and are therefore accounted for under the accrual method. DTE Gas may also sell forward transportation and storage capacity contracts. Forward transportation and storage contracts are generally not derivatives and are therefore accounted for under the accrual method.

Gas Storage and Pipelines — This segment is primarily engaged in services related to the gathering, transportation, and storage of natural gas. Primarily fixed-priced contracts are used in the marketing and management of transportation and storage services. Generally, these contracts are not derivatives and are therefore accounted for under the accrual method.

Power and Industrial Projects — This segment manages and operates energy and pulverized coal projects, a coke battery, reduced emissions fuel projects, renewable gas recovery, and power generation assets. Primarily fixed-price contracts are used in the marketing and management of the segment assets. These contracts are generally not derivatives and are therefore accounted for under the accrual method.

Energy Trading — Commodity Price Risk — Energy Trading markets and trades electricity, natural gas physical products, and energy financial instruments, and provides energy and asset management services utilizing energy commodity derivative instruments. Forwards, futures, options, and swap agreements are used to manage exposure to the risk of market price and volume fluctuations in its operations. These derivatives are accounted for by recording changes in fair value to earnings unless hedge accounting criteria are met.

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Energy Trading — Foreign Currency Exchange Risk — Energy Trading has foreign currency exchange forward contracts to economically hedge fixed Canadian dollar commitments existing under natural gas and power purchase and sale contracts and natural gas transportation contracts. Energy Trading enters into these contracts to mitigate price volatility with respect to fluctuations of the Canadian dollar relative to the U.S. dollar. These derivatives are accounted for by recording changes in fair value to earnings unless hedge accounting criteria are met.

Corporate and Other — Interest Rate Risk — DTE Energy may use interest rate swaps, treasury locks, and other derivatives to hedge the risk associated with interest rate market volatility.

Credit Risk — DTE Energy maintains credit policies that significantly minimize overall credit risk. These policies include an evaluation of potential customers' and counterparties' financial condition, including the viability of underlying productive assets, credit rating, collateral requirements, or other credit enhancements such as letters of credit or guarantees. DTE Energy generally uses standardized agreements that allow the netting of positive and negative transactions associated with a single counterparty. DTE Energy maintains a provision for credit losses based on factors surrounding the credit risk of its customers, historical trends, and other information. Based on DTE Energy's credit policies and its December 31, 2019 provision for credit losses, DTE Energy's exposure to counterparty nonperformance is not expected to have a material adverse effect on DTE Energy's Consolidated Financial Statements.

Derivative Activities

DTE Energy manages its MTM risk on a portfolio basis based upon the delivery period of its contracts and the individual components of the risks within each contract. Accordingly, it records and manages the energy purchase and sale obligations under its contracts in separate components based on the commodity (e.g. electricity or natural gas), the product (e.g. electricity for delivery during peak or off-peak hours), the delivery location (e.g. by region), the risk profile (e.g. forward or option), and the delivery period (e.g. by month and year). The following describes the categories of activities represented by their operating characteristics and key risks:

- *Asset Optimization* — Represents derivative activity associated with assets owned and contracted by DTE Energy, including forward natural gas purchases and sales, natural gas transportation, and storage capacity. Changes in the value of derivatives in this category typically economically offset changes in the value of underlying non-derivative positions, which do not qualify for fair value accounting. The difference in accounting treatment of derivatives in this category and the underlying non-derivative positions can result in significant earnings volatility.
- *Marketing and Origination* — Represents derivative activity transacted by originating substantially hedged positions with wholesale energy marketers, producers, end-users, utilities, retail aggregators, and alternative energy suppliers.
- *Fundamentals Based Trading* — Represents derivative activity transacted with the intent of taking a view, capturing market price changes, or putting capital at risk. This activity is speculative in nature as opposed to hedging an existing exposure.
- *Other* — Includes derivative activity at DTE Electric related to FTRs. Changes in the value of derivative contracts at DTE Electric are recorded as Derivative assets or liabilities, with an offset to Regulatory assets or liabilities as the settlement value of these contracts will be included in the PSCR mechanism when realized.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following table presents the fair value of derivative instruments for DTE Energy:

	December 31, 2019		December 31, 2018	
	Derivative Assets	Derivative Liabilities	Derivative Assets	Derivative Liabilities
(In millions)				
Derivatives designated as hedging instruments				
Interest rate contracts	\$ —	\$ —	\$ —	\$ (3)
Derivatives not designated as hedging instruments				
Commodity contracts				
Natural gas	\$ 355	\$ (351)	\$ 349	\$ (380)
Electricity	306	(298)	303	(285)
Environmental & Other	113	(121)	7	(1)
Foreign currency exchange contracts	1	—	4	—
Total derivatives not designated as hedging instruments	\$ 775	\$ (770)	\$ 663	\$ (666)
Current	\$ 646	\$ (596)	\$ 563	\$ (518)
Noncurrent	129	(174)	100	(151)
Total derivatives	\$ 775	\$ (770)	\$ 663	\$ (669)

The following table presents the fair value of derivative instruments for DTE Electric:

	December 31,	
	2019	2018
(In millions)		
FTRs — Other current assets	\$ 3	\$ 6
Total derivatives not designated as hedging instruments	\$ 3	\$ 6

Certain of DTE Energy's derivative positions are subject to netting arrangements which provide for offsetting of asset and liability positions as well as related cash collateral. Such netting arrangements generally do not have restrictions. Under such netting arrangements, DTE Energy offsets the fair value of derivative instruments with cash collateral received or paid for those contracts executed with the same counterparty, which reduces DTE Energy's Total Assets and Liabilities. Cash collateral is allocated between the fair value of derivative instruments and customer accounts receivable and payable with the same counterparty on a pro-rata basis to the extent there is exposure. Any cash collateral remaining, after the exposure is netted to zero, is reflected in Accounts receivable and Accounts payable as collateral paid or received, respectively.

DTE Energy also provides and receives collateral in the form of letters of credit which can be offset against net Derivative assets and liabilities as well as Accounts receivable and payable. DTE Energy had issued letters of credit of \$6 million outstanding at December 31, 2019 and \$4 million at December 31, 2018, which could be used to offset net Derivative liabilities. Letters of credit received from third parties which could be used to offset net Derivative assets were \$4 million and \$8 million at December 31, 2019 and 2018, respectively. Such balances of letters of credit are excluded from the tables below and are not netted with the recognized assets and liabilities in DTE Energy's Consolidated Statements of Financial Position.

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For contracts with certain clearing agents, the fair value of derivative instruments is netted against realized positions with the net balance reflected as either 1) a Derivative asset or liability or 2) an Account receivable or payable. Other than certain clearing agents, Accounts receivable and Accounts payable that are subject to netting arrangements have not been offset against the fair value of Derivative assets and liabilities.

The following table presents net cash collateral offsetting arrangements for DTE Energy:

	December 31,	
	2019	2018
	(In millions)	
Cash collateral netted against Derivative assets	\$ —	\$ (17)
Cash collateral recorded in Accounts receivable ^(a)	13	10
Cash collateral recorded in Accounts payable ^(a)	(3)	(6)
Total net cash collateral posted (received)	\$ 10	\$ (13)

(a) Amounts are recorded net by counterparty.

The following table presents the netting offsets of Derivative assets and liabilities for DTE Energy:

	December 31, 2019			December 31, 2018		
	Gross Amounts of Recognized Assets (Liabilities)	Gross Amounts Offset in the Consolidated Statements of Financial Position	Net Amounts of Assets (Liabilities) Presented in the Consolidated Statements of Financial Position	Gross Amounts of Recognized Assets (Liabilities)	Gross Amounts Offset in the Consolidated Statements of Financial Position	Net Amounts of Assets (Liabilities) Presented in the Consolidated Statements of Financial Position
	(In millions)					
Derivative assets						
Commodity contracts						
Natural gas	\$ 355	\$ (266)	\$ 89	\$ 349	\$ (277)	\$ 72
Electricity	306	(225)	81	303	(252)	51
Environmental & Other	113	(110)	3	7	(1)	6
Foreign currency exchange contracts	1	—	1	4	—	4
Total derivative assets	\$ 775	\$ (601)	\$ 174	\$ 663	\$ (530)	\$ 133
Derivative liabilities						
Commodity contracts						
Natural gas	\$ (351)	\$ 266	\$ (85)	\$ (380)	\$ 272	\$ (108)
Electricity	(298)	225	(73)	(285)	240	(45)
Environmental & Other	(121)	110	(11)	(1)	1	—
Interest rate contracts	—	—	—	(3)	—	(3)
Total derivative liabilities	\$ (770)	\$ 601	\$ (169)	\$ (669)	\$ 513	\$ (156)

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The following table presents the netting offsets of Derivative assets and liabilities showing the reconciliation of derivative instruments to DTE Energy's Consolidated Statements of Financial Position:

	December 31, 2019				December 31, 2018			
	Derivative Assets		Derivative Liabilities		Derivative Assets		Derivative Liabilities	
	Current	Noncurrent	Current	Noncurrent	Current	Noncurrent	Current	Noncurrent
(In millions)								
Total fair value of derivatives	\$ 646	\$ 129	\$ (596)	\$ (174)	\$ 563	\$ 100	\$ (518)	\$ (151)
Counterparty netting	(513)	(88)	513	88	(451)	(62)	451	62
Collateral adjustment	—	—	—	—	(10)	(7)	—	—
Total derivatives as reported	\$ 133	\$ 41	\$ (83)	\$ (86)	\$ 102	\$ 31	\$ (67)	\$ (89)

The effect of derivatives not designated as hedging instruments on DTE Energy's Consolidated Statements of Operations is as follows:

	Location of Gain (Loss) Recognized in Income on Derivatives	Gain (Loss) Recognized in Income on Derivatives for Years Ended December 31,		
		2019	2018	2017
		(In millions)		
Commodity contracts				
Natural gas	Operating Revenues — Non-utility operations	\$ 44	\$ (42)	\$ (74)
Natural gas	Fuel, purchased power, and gas — non-utility	(5)	(94)	97
Electricity	Operating Revenues — Non-utility operations	44	49	105
Environmental & Other	Operating Revenues — Non-utility operations	(26)	(1)	2
Foreign currency exchange contracts	Operating Revenues — Non-utility operations	(2)	7	(2)
Total		\$ 55	\$ (81)	\$ 128

Revenues and energy costs related to trading contracts are presented on a net basis in DTE Energy's Consolidated Statements of Operations. Commodity derivatives used for trading purposes, and financial non-trading commodity derivatives, are accounted for using the MTM method with unrealized and realized gains and losses recorded in Operating Revenues — Non-utility operations. Non-trading physical commodity sale and purchase derivative contracts are generally accounted for using the MTM method with unrealized and realized gains and losses for sales recorded in Operating Revenues — Non-utility operations and purchases recorded in Fuel, purchased power, and gas — non-utility.

The following represents the cumulative gross volume of DTE Energy's derivative contracts outstanding as of December 31, 2019:

Commodity	Number of Units
Natural gas (MMBtu)	1,699,804,805
Electricity (MWh)	31,351,229
Foreign currency exchange (CAD)	78,563,487

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Various subsidiaries of DTE Energy have entered into contracts which contain ratings triggers and are guaranteed by DTE Energy. These contracts contain provisions which allow the counterparties to require that DTE Energy post cash or letters of credit as collateral in the event that DTE Energy's credit rating is downgraded below investment grade. Certain of these provisions (known as "hard triggers") state specific circumstances under which DTE Energy can be required to post collateral upon the occurrence of a credit downgrade, while other provisions (known as "soft triggers") are not as specific. For contracts with soft triggers, it is difficult to estimate the amount of collateral which may be requested by counterparties and/or which DTE Energy may ultimately be required to post. The amount of such collateral which could be requested fluctuates based on commodity prices (primarily natural gas, power, and coal) and the provisions and maturities of the underlying transactions. As of December 31, 2019, DTE Energy's contractual obligation to post collateral in the form of cash or letters of credit in the event of a downgrade to below investment grade, under both hard trigger and soft trigger provisions, was \$527 million.

As of December 31, 2019, DTE Energy had \$678 million of derivatives in net liability positions, for which hard triggers exist. There is no collateral that has been posted against such liabilities, including cash and letters of credit. Associated derivative net asset positions for which contractual offset exists were \$593 million. The net remaining amount of \$85 million is derived from the \$527 million noted above.

NOTE 15 — LONG-TERM DEBT

Long-Term Debt

DTE Energy's long-term debt outstanding and weighted average interest rates of debt outstanding at December 31 were:

	Interest Rate ^(a)	Maturity Date	2019	2018
(In millions)				
Mortgage bonds, notes, and other				
DTE Energy Debt, Unsecured	3.2%	2022 — 2033	\$ 6,625	\$ 4,425
DTE Electric Taxable Debt, Principally Secured	4.2%	2020 — 2049	6,930	6,280
DTE Electric Tax-Exempt Revenue Bonds ^(b)	4.3%	2020 — 2030	310	310
DTE Gas Taxable Debt, Principally Secured	4.3%	2020 — 2049	1,710	1,550
Other Long-Term Debt, including Non-Recourse Debt			—	1
			15,575	12,566
Unamortized debt discount			(24)	(16)
Unamortized debt issuance costs			(91)	(73)
Long-term debt due within one year			(682)	(1,495)
			<u>\$ 14,778</u>	<u>\$ 10,982</u>
Junior Subordinated Debentures				
Subordinated Debentures	5.5%	2062 — 2077	\$ 1,180	\$ 1,180
Unamortized debt issuance costs			(34)	(35)
			<u>\$ 1,146</u>	<u>\$ 1,145</u>

(a) Weighted average interest rate as of December 31, 2019.

(b) DTE Electric Tax-Exempt Revenue Bonds are issued by a public body that loans the proceeds to DTE Electric on terms substantially mirroring the Revenue Bonds.

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DTE Electric's long-term debt outstanding and weighted average interest rates of debt outstanding at December 31 were:

	Interest Rate ^(a)	Maturity Date	2019	2018
(In millions)				
Mortgage bonds, notes, and other				
Taxable Debt, Principally Secured	4.2%	2020 — 2049	\$ 6,930	\$ 6,280
Tax-Exempt Revenue Bonds ^(b)	4.3%	2020 — 2030	310	310
			<u>7,240</u>	<u>6,590</u>
Unamortized debt discount			(15)	(11)
Unamortized debt issuance costs			(45)	(41)
Long-term debt due within one year			(632)	—
			<u>\$ 6,548</u>	<u>\$ 6,538</u>

(a) Weighted average interest rate as of December 31, 2019.

(b) Tax-Exempt Revenue Bonds are issued by a public body that loans the proceeds to DTE Electric on terms substantially mirroring the Revenue Bonds.

Debt Issuances

In 2019, the following debt was issued:

Company	Month	Type	Interest Rate	Maturity Date	Amount
(In millions)					
DTE Electric	February	Mortgage Bonds ^(a)	3.95%	2049	\$ 650
DTE Energy	June	Senior Notes ^(b)	2.60%	2022	300
DTE Energy	June	Senior Notes ^(b)	3.40%	2029	500
DTE Gas	October	Mortgage Bonds ^(b)	2.95%	2029	140
DTE Gas	October	Mortgage Bonds ^(b)	3.72%	2049	140
DTE Energy	November	Senior Notes ^(c)	2.25%	2022	500
DTE Energy	November	Senior Notes ^(c)	2.95%	2030	300
DTE Energy	November	Equity Units ^(c)	(d)	2025	1,300
					<u>\$ 3,830</u>

(a) Bonds were issued as Green Bonds and the proceeds will be used to finance expenditures for solar and wind energy, payments under power purchase agreements for solar and wind energy, and energy optimization programs.

(b) Proceeds were used for the repayment of short-term borrowings and general corporate purposes.

(c) Proceeds were used to pay a portion of the purchase price of the Blue Union and LEAP acquisition. Refer to "Acquisition Financing" below for additional information.

(d) See "Acquisition Financing" below for more information regarding the rates associated with the Equity Units.

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Debt Redemptions

In 2019, the following debt was redeemed:

Company	Month	Type	Interest Rate	Maturity Date	Amount
(In millions)					
DTE Energy	October	Senior Notes	1.50%	2019	\$ 400
DTE Gas	October	Senior Notes	5.00%	2019	120
DTE Energy	December	Senior Notes	2.40%	2019	300
DTE Energy	Various	Other long-term debt	Various	2019	1
					\$ 821

The following table shows the Registrants' scheduled debt maturities, excluding any unamortized discount on debt:

	2020	2021	2022	2023	2024	2025 and Thereafter	Total
(In millions)							
DTE Energy ^(a)	\$ 682	\$ 462	\$ 2,716	\$ 1,177	\$ 1,425	\$ 10,293	\$ 16,755
DTE Electric	\$ 632	\$ 462	\$ 316	\$ 202	\$ 400	\$ 5,228	\$ 7,240

(a) Amounts include DTE Electric's scheduled debt maturities.

In January 2020, DTE Electric sent notice to optionally redeem its \$300 million 2010 Series A 4.89% Senior Notes due September 2020. The notes are expected to be redeemed in March 2020.

Junior Subordinated Debentures

DTE Energy has the right to defer interest payments on the Junior Subordinated Debentures. Should DTE Energy exercise this right, it cannot declare or pay dividends on, or redeem, purchase or acquire, any of its capital stock during the deferral period. Any deferred interest payments will bear additional interest at the rate associated with the related debt issue. As of December 31, 2019, no interest payments have been deferred on the Junior Subordinated Debentures.

Cross Default Provisions

Substantially all of the net utility properties of DTE Electric and DTE Gas are subject to the lien of mortgages. Should DTE Electric or DTE Gas fail to timely pay their indebtedness under these mortgages, such failure may create cross defaults in the indebtedness of DTE Energy.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

2016 Acquisition Senior Notes Remarketing

In October 2016, DTE Energy issued \$675 million of 2016 Equity Units, initially in the form of Corporate Units. The Corporate Units were listed on the New York Stock Exchange under the symbol DTV. Each Corporate Unit consisted of a stock purchase contract and a 1/20 interest in a RSN issued by DTE Energy. The stock purchase contract obligated the holders to purchase shares of DTE Energy's common stock at a future settlement date. The purchase price under the stock purchase contracts was \$50 per Corporate Unit and the number of shares purchased was determined by a formula based upon the average closing price of DTE Energy common stock near the settlement date. The RSNs were pledged as collateral to secure the purchase of common stock under the related stock purchase contracts.

In August 2019, DTE Energy remarketed the \$675 million 2016 Series C 1.5% RSNs due 2024 pursuant to the terms of the 2016 Equity Units. As a result of the remarketing, the interest rate was reset to 2.529%, payable semi-annually at the new rate beginning October 1, 2019. DTE Energy did not receive any proceeds from the remarketing. All proceeds belonged to the investors holding the related 2016 Equity Units and were temporarily used to purchase a portfolio of treasury securities. The securities were released on behalf of investors on October 1, 2019 to satisfy the related stock purchase contracts and pay the purchase price to DTE Energy for the issuance of approximately 5.87 million shares of common stock.

Gas Storage and Pipelines Segment Acquisition Financing

In December 2019, DTE Energy closed on the purchase of midstream natural gas assets. The acquisition was financed through the issuance of Equity Units, Senior Notes, and common stock. For information on the common stock issuance, refer to Note 12 to the Consolidated Financial Statements, "Common Stock and Earnings Per Share."

In November 2019, DTE issued \$1.3 billion of 2019 Equity Units. Each Equity Unit has a stated amount of \$50 and was initially issued in the form of a Corporate Unit, comprised of (i) a forward purchase contract to buy DTE Energy common stock (stock purchase contract) and (ii) a 1/20 undivided beneficial ownership interest in \$1,000 principal amount of DTE Energy's 2019 Series F 2.25% RSNs due 2025. The RSN debt instruments and the stock purchase contract equity instruments are deemed to be separate instruments as the investor may trade the RSNs separately from the stock purchase contracts and may also settle the stock purchase contracts separately. The Corporate Units are listed on the New York Stock Exchange under the symbol DTP.

The stock purchase contract obligates the holder to purchase from DTE Energy on the settlement date, November 1, 2022, for a price of \$50 per stock purchase contract, the following number of shares of DTE Energy's common stock, subject to anti-dilution adjustments:

- if the AMV of DTE Energy's common stock, which is the average volume-weighted average price of DTE Energy's common stock for the trading days during the 20 consecutive scheduled trading day period ending on the third scheduled trading day immediately preceding the stock purchase contract settlement date, is equal to or greater than \$157.50, 0.3175 shares of common stock;
- if the AMV is less than \$157.50 but greater than \$126.00, a number of shares of common stock equal to \$50 divided by the AMV; and
- if the AMV is less than or equal to \$126.00, 0.3968 shares of common stock.

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The RSNs bear interest at a rate of 2.25% per year, payable quarterly, and mature on November 1, 2025. The RSNs will be remarketed in 2022. If this remarketing is successful, the interest rate on the RSNs will be reset, and thereafter interest will be payable semi-annually at the reset rate. If there is no successful remarketing, the interest rate on the RSNs will not be reset, and the holders of the RSNs will have the right to put the RSNs to DTE Energy at a price equal to 100% of the principal amount, and the proceeds of the put right will be deemed to have been applied against the holders' obligation under the stock purchase contracts. DTE Energy may also redeem, in whole or in part, the RSNs in the event of a failed final remarketing.

DTE Energy will also pay the stock purchase contract holders quarterly contract adjustment payments at a rate of 4% per year of the stated amount of \$50 per Equity Unit, or \$2 per year, commencing on February 1, 2020. The present value of the future contract adjustment payments of \$150 million is recorded as a reduction of shareholders' equity, offset by the stock purchase contract liability. The stock purchase contract liability is included in Current Liabilities — Other and Other Liabilities — Other on DTE Energy's Consolidated Statements of Financial Position. Interest payments on the RSNs are recorded as interest expense and stock purchase contract payments are charged against the liability. Accretion of the stock purchase contract liability is recorded as imputed interest expense. The treasury stock method will be used to compute diluted EPS for the stock purchase contract. Under the treasury stock method, the stock purchase contract will only have a dilutive effect when the settlement rate is based on the market value of DTE's common stock that is greater than \$157.50 (the threshold appreciation price). If payments for the stock purchase contract are deferred, DTE Energy may not make any cash distributions related to its capital stock, including dividends, redemptions, repurchases, liquidation payments or guarantee payments. Also, during the deferral period, DTE Energy may not make any payments on or redeem or repurchase any debt securities that are equal in right of payment with, or subordinated to, the RSNs.

Until settlement of the stock purchase contracts, the shares of stock underlying each contract are not outstanding. Under the terms of the stock purchase contracts, assuming no anti-dilution or other adjustments, DTE Energy will issue between 8.3 million and 10.3 million shares of its common stock in November 2022. A total of 13 million shares of DTE Energy's common stock have been reserved for issuance in connection with the stock purchase contracts.

Selected information about DTE Energy's 2019 Equity Units is presented below:

Issuance Date	Units Issued	Total Net Proceeds	Total Long-Term Debt	RSN Annual Interest Rate	Stock Purchase Contract Annual Rate	Stock Purchase Settlement Date	Stock Purchase Contract Liability	RSN Maturity Date
(In millions, except interest rates)								
11/1/19	26	\$ 1,268	\$ 1,300	2.25%	4.0%	11/1/2022	\$ 150	11/1/2025

In November 2019, DTE Energy issued \$500 million of 2019 Series G 2.25% Senior Notes due 2022 and \$300 million of Series H 2.95% Senior Notes due 2030. The proceeds from the Senior Notes were used for the acquisition.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

NOTE 16 — PREFERRED AND PREFERENCE SECURITIES

As of December 31, 2019, the amount of authorized and unissued stock is as follows:

Company	Type of Stock	Par Value	Shares Authorized
DTE Energy	Preferred	\$ —	5,000,000
DTE Electric	Preferred	\$ 100	6,747,484
DTE Electric	Preference	\$ 1	30,000,000
DTE Gas	Preferred	\$ 1	7,000,000
DTE Gas	Preference	\$ 1	4,000,000

NOTE 17 — SHORT-TERM CREDIT ARRANGEMENTS AND BORROWINGS

DTE Energy, DTE Electric, and DTE Gas have unsecured revolving credit agreements that can be used for general corporate borrowings, but are intended to provide liquidity support for each of the companies' commercial paper programs. Borrowings under the revolvers are available at prevailing short-term interest rates. Additionally, DTE Energy has other facilities to support letter of credit issuance.

The agreements require DTE Energy, DTE Electric, and DTE Gas to maintain a total funded debt to capitalization ratio of no more than 0.65 to 1. In the agreements, "total funded debt" means all indebtedness of each respective company and their consolidated subsidiaries, including finance lease obligations, hedge agreements, and guarantees of third parties' debt, but excluding contingent obligations, nonrecourse and junior subordinated debt, and certain equity-linked securities and, except for calculations at the end of the second quarter, certain DTE Gas short-term debt. "Capitalization" means the sum of (a) total funded debt plus (b) "consolidated net worth," which is equal to consolidated total equity of each respective company and their consolidated subsidiaries (excluding pension effects under certain FASB statements), as determined in accordance with accounting principles generally accepted in the United States of America. At December 31, 2019, the total funded debt to total capitalization ratios for DTE Energy, DTE Electric, and DTE Gas were 0.58 to 1, 0.51 to 1, and 0.48 to 1, respectively, and were in compliance with this financial covenant.

The availability under the facilities in place at December 31, 2019 is shown in the following table:

	DTE Energy	DTE Electric	DTE Gas	Total
	(In millions)			
Unsecured letter of credit facility, expiring in February 2021	\$ 150	\$ —	\$ —	\$ 150
Unsecured letter of credit facility, expiring in August 2021	110	—	—	110
Unsecured revolving credit facility, expiring April 2024	1,500	500	300	2,300
	1,760	500	300	2,560
Amounts outstanding at December 31, 2019				
Commercial paper issuances	280	354	194	828
Letters of credit	229	—	—	229
	509	354	194	1,057
Net availability at December 31, 2019	\$ 1,251	\$ 146	\$ 106	\$ 1,503

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NOTES TO FINANCIAL STATEMENTS (Continued)			

DTE Energy has \$9 million of other outstanding letters of credit which are used for various corporate purposes and are not included in the facilities described above.

The weighted average interest rate for short-term borrowings was 2.0% and 2.9% at December 31, 2019 and 2018, respectively, for DTE Energy. The weighted average interest rate for short-term borrowings was 1.9% and 2.9% at December 31, 2019 and 2018, respectively, for DTE Electric.

In conjunction with maintaining certain exchange-traded risk management positions, DTE Energy may be required to post collateral with its clearing agent. DTE Energy has a demand financing agreement for up to \$100 million with its clearing agent. The agreement, as amended, also allows for up to \$50 million of additional margin financing provided that DTE Energy posts a letter of credit for the incremental amount and allows the right of setoff with posted collateral. At December 31, 2019, the capacity under this facility was \$150 million. The amount outstanding under this agreement was \$114 million and \$93 million at December 31, 2019 and 2018, respectively, and was fully offset by the posted collateral.

Dividend Restrictions

Certain of DTE Energy's credit facilities contain a provision requiring DTE Energy to maintain a total funded debt to capitalization ratio, as defined in the agreements, of no more than 0.65 to 1, which has the effect of limiting the amount of dividends DTE Energy can pay in order to maintain compliance with this provision. At December 31, 2019, the effect of this provision was to restrict the payment of approximately \$3.2 billion of Retained earnings totaling \$6.6 billion. There are no other effective limitations with respect to DTE Energy's ability to pay dividends.

NOTE 18 — LEASES

Disclosures related to the year ended December 31, 2019 are presented as required under Topic 842. Prior period disclosures for the year ended December 31, 2018 are presented under Topic 840. The Registrants have elected to use a practical expedient provided by Topic 842 whereby comparative disclosures for prior periods are allowed to be presented under Topic 840. As a result, the disclosures presented under Topic 842 and Topic 840 will not be fully comparable in specific disclosure requirements.

Lessee

Topic 842 — Leases at DTE Energy are primarily comprised of various forms of equipment, computer hardware, coal railcars, production facilities, buildings, and certain easement leases with terms ranging from approximately 2 to 40 years. Leases at DTE Electric are primarily comprised of various forms of equipment, computer hardware, coal railcars, and certain easement leases with terms ranging from approximately 2 to 40 years.

A lease is deemed to exist when the Registrants have the right to control the use of identified property, plant or equipment, as conveyed through a contract, for a certain period of time and consideration paid. The right to control is deemed to occur when the Registrants have the right to obtain substantially all of the economic benefits of the identified assets and the right to direct the use of such assets.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Lease liabilities are determined utilizing a discount rate to determine the present values of lease payments. Topic 842 requires the use of the rate implicit in the lease when it is readily determinable. When the rate implicit in the lease is not readily determinable, the incremental borrowing rate is used. The Registrants have determined their respective incremental borrowing rates based upon the rate of interest that would have been paid on a collateralized basis over similar tenors to that of the leases. The incremental borrowing rates for DTE Electric and DTE Gas have been determined utilizing respective secured borrowing rates for first mortgage bonds with like tenors of remaining lease terms. Incremental borrowing rates for non-utility entities have been determined utilizing an implied secured borrowing rate based upon an unsecured rate for a similar tenor of remaining lease terms, which is then adjusted for the estimated impact of collateral.

Certain leases of the Registrants contain escalation clauses whereby the payments are adjusted for consumer price or labor indices. DTE Energy has leases with non-index based escalation clauses for fixed dollar or percentage increases. DTE Electric has leases with non-index based escalation clauses for fixed dollar increases. DTE Energy also has leases with variable payments based upon usage of, or revenues associated with, the leased assets. DTE Electric also has leases with variable payments based upon the usage of the leased assets.

Certain leases of easements and coal railcars contain provisions whereby the Registrants have the option to terminate the lease agreement by giving notice of such termination during the time frames specified in the respective lease. The Registrants have considered such provisions in the determination of the lease term when it is reasonably certain that the lease would be terminated.

The Registrants have certain leases which contain purchase options. Based upon the nature of the leased property and terms of the purchase options, the Registrants have determined it is not reasonably certain that such purchase options will be utilized. Thus, the impact of the purchase options has not been included in the determination of right-of-use assets and lease liabilities for the subject leases.

The Registrants have certain leases which contain renewal options. Where the renewal options were deemed reasonably certain to occur, the impacts of such options were included in the determination of the right of use assets and lease liabilities.

The Registrants have agreements with lease and non-lease components, which are generally accounted for separately. Consideration in a lease is allocated between lease and non-lease components based upon the estimated relative standalone prices. The Registrants have certain coal railcar leases for which non-lease and lease components are accounted for as a single lease component, as permitted under Topic 842.

The components of lease cost for the year ended December 31, 2019 were as follows:

	DTE Energy	DTE Electric
	(In millions)	
Operating lease cost	\$ 41	\$ 17
Finance lease cost:		
Amortization of right-of-use assets	4	4
Interest of lease liabilities	—	—
Total finance lease cost	4	4
Variable lease cost	10	—
Short-term lease cost	10	3
	<u>\$ 65</u>	<u>\$ 24</u>

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The Registrants have elected not to apply the recognition requirements of Topic 842 to leases with a term of 12 months or less. DTE Energy and DTE Electric record operating, variable, and short-term lease costs as Operating Expenses on the Consolidated Statements of Operations, except for certain amounts that may be capitalized to other assets.

Other information related to leases for the year ended December 31, 2019 were as follows:

	DTE Energy	DTE Electric
	(In millions)	
Supplemental Cash Flows Information		
Cash paid for amounts included in the measurement of these liabilities:		
Operating cash flows for finance leases	\$ 5	\$ 5
Operating cash flows for operating leases	\$ 40	\$ 16
Right-of-use assets obtained in exchange for lease obligations:		
Operating leases	\$ 68	\$ 27
Finance leases	\$ 8	\$ —
Weighted Average Remaining Lease Term		
Operating leases	9.7 years	10.6 years
Finance leases	9.1 years	2.0 years
Weighted Average Discount Rate		
Operating leases	3.5%	3.3%
Finance leases	3.1%	3.1%

The Registrants' future minimum lease payments under leases for remaining periods as of December 31, 2019 were as follows:

	DTE Energy		DTE Electric	
	Operating Leases	Finance Leases	Operating Leases	Finance Leases
	(In millions)			
2020	\$ 38	\$ 5	\$ 14	\$ 3
2021	30	5	13	4
2022	26	1	12	—
2023	20	1	10	—
2024	12	1	8	—
2025 and thereafter	67	4	38	—
Total future minimum lease payments	193	17	95	7
Imputed interest	(33)	(2)	(16)	—
	\$ 160	\$ 15	\$ 79	\$ 7

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Finance leases reported on the Consolidated Statement of Financial Position were as follows:

	DTE Energy	DTE Electric
	December 31, 2019	
	(In millions)	
Right-of-use assets, within Property, plant, and equipment, net	\$ 15	\$ 7
Current lease liabilities, within Current Liabilities — Other	\$ 4	\$ 3

Topic 840 — The following disclosures are presented under Topic 840 for the year ended December 31, 2018.

The Registrants lease various assets under operating leases, including coal railcars, office buildings, a warehouse, computers, vehicles, and other equipment. The lease arrangements expire at various dates through 2051 and 2046 for DTE Energy and DTE Electric, respectively.

The Registrants' future minimum lease payments under non-cancelable operating leases at December 31, 2018 were as follows:

	DTE Energy	DTE Electric
	(In millions)	
2019	\$ 42	\$ 17
2020	30	12
2021	18	10
2022	11	7
2023	8	5
2024 and thereafter	45	29
	\$ 154	\$ 80

The Registrants are the lessee under certain capital leases related to software and information technology related equipment. Property under capital leases for the Registrants as of December 31, 2018 were as follows:

	DTE Energy	DTE Electric
	(In millions)	
Gross property under capital leases	\$ 18	\$ 18
Accumulated amortization of property under capital leases	\$ 7	\$ 7

Lessor

Topic 842 — DTE Energy leases a portion of its pipeline system to the Vector Pipeline through a finance lease contract that has been renewed through 2025, with additional renewal options reasonably certain to be exercised through 2040. DTE Energy owns a 40% interest in the Vector Pipeline. In addition, DTE Energy has an energy services agreement that expires in 2026, of which a portion is accounted for as a finance lease.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

DTE Energy also leases various assets under operating leases for a pipeline, energy facilities and related equipment. Such leases are comprised of both fixed payments and variable payments which are contingent on volumes, with terms ranging from 3 to 24 years. Generally, the operating leases do not have renewal provisions or options to purchase the assets at the end of the lease. The operating leases generally do not have termination for convenience provisions. Termination may be allowed under specific circumstances stated in the lease contract, such as under an event of default.

Certain of the finance and operating leases have lease terms that extend to the end of the estimated economic life of the leased assets, thereby resulting in no residual value. Any remaining residual values under the finance and operating leases are expected to be recovered through rates, renewals or new lease contracts. Residual values have been determined using the estimated economic life of the leased assets. The finance and operating leases do not contain residual value guarantees.

Certain of the operating leases have both lease and non-lease components. The lease and non-lease components are allocated based upon estimated relative standalone selling prices.

A lease is deemed to exist when the Registrants have provided other parties with the right to control the use of identified property, plant or equipment, as conveyed through a contract, for a certain period of time and consideration received. The right to control is deemed to occur when the Registrants have provided other parties with the right to obtain substantially all of the economic benefits of the identified assets and the right to direct the use of such assets.

DTE Energy's lease income associated with operating leases was as follows for the year ended December 31, 2019:

	DTE Energy
	(In millions)
Fixed payments ^(a)	\$ 65
Variable payments ^(a)	128
	\$ 193

(a) Includes \$130 million of lease payments reported in Operating Revenues and \$63 million of lease payments reported in Other income on DTE Energy's Consolidated Statements of Operations.

DTE Energy's minimum future rental revenues under operating leases for remaining periods as of December 31, 2019 were as follows:

	DTE Energy
	(In millions)
2020	\$ 64
2021	62
2022	22
2023	22
2024	22
2025 and thereafter	194
	\$ 386

Depreciation expense associated with DTE Energy's property under operating leases was \$26 million for the year ended December 31, 2019.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Property under operating leases for DTE Energy as of December 31, 2019 were as follows:

	DTE Energy
	(In millions)
Gross property under operating leases	\$ 445
Accumulated amortization of property under operating leases	\$ 173

The components of DTE Energy's net investment in finance leases for remaining periods as of December 31, 2019 were as follows:

	DTE Energy
	(In millions)
2020	\$ 9
2021	4
2022	4
2023	5
2024	5
2025 and thereafter	55
Total minimum future lease receipts	82
Residual value of leased pipeline	19
Less unearned income	55
Net investment in finance lease	46
Less current portion	5
	\$ 41

Interest income recognized under finance leases was \$5 million for the year ended December 31, 2019.

Topic 840 — DTE Energy leases various assets under operating leases for energy facilities and related equipment.

DTE Energy's minimum future rental revenues under non-cancelable operating leases as of December 31, 2018 were as follows:

	DTE Energy
	(In millions)
2019	\$ 66
2020	66
2021	64
2022	20
2023	20
2024 and thereafter	196
	\$ 432

The amounts listed above do not include contingent rentals associated with the leased assets. DTE Energy had contingent rental revenues of \$107 million, \$91 million, and \$101 million in 2018, 2017, and 2016, respectively.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

DTE Energy leases a portion of its pipeline system to the Vector Pipeline through a capital lease contract that was set to expire in 2020, with renewal options extending for five years. DTE Energy owns a 40% interest in the Vector Pipeline. In addition, DTE Energy has two energy services agreements, for which a portion of are accounted for as capital leases. These agreements were set to expire in 2019 and 2026.

The components of DTE Energy's net investment in capital leases at December 31, 2018 were as follows:

	DTE Energy
	(In millions)
2019	\$ 10
2020	9
2021	—
2022	—
2023	—
2024 and thereafter	1
Total minimum future lease receipts	20
Residual value of leased pipeline	40
Less unearned income	9
Net investment in capital lease	51
Less current portion	5
	\$ 46

Property under operating leases for DTE Energy as of December 31, 2018 were as follows:

	DTE Energy
	(In millions)
Gross property under operating leases	\$ 447
Accumulated amortization of property under operating leases	\$ 148

NOTE 19 — COMMITMENTS AND CONTINGENCIES

Environmental

DTE Electric

Air — DTE Electric is subject to the EPA ozone and fine particulate transport and acid rain regulations that limit power plant emissions of SO₂ and NO_x. The EPA and the State of Michigan have also issued emission reduction regulations relating to ozone, fine particulate, regional haze, mercury, and other air pollution. These rules have led to controls on fossil-fueled power plants to reduce SO₂, NO_x, mercury, and other emissions. Additional rulemakings may occur over the next few years which could require additional controls for SO₂, NO_x, and other hazardous air pollutants.

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The EPA proposed revised air quality standards for ground level ozone in November 2014 and specifically requested comments on the form and level of the ozone standards. The standards were finalized in October 2015. The State of Michigan recommended to the EPA in October 2016 which areas of the state are not attaining the new standard. On April 30, 2018, the EPA finalized the State of Michigan's recommended marginal non-attainment designation for southeast Michigan. The State is required to develop and implement a plan to address the southeast Michigan ozone non-attainment area by 2021. The Registrants cannot predict the financial impact of the State's plan to address the ozone non-attainment area at this time.

In July 2009, the Registrants received a NOV/FOV from the EPA alleging, among other things, that five DTE Electric power plants violated New Source Performance standards, Prevention of Significant Deterioration requirements, and operating permit requirements under the Clean Air Act. In June 2010, the EPA issued a NOV/FOV making similar allegations related to a project and outage at Unit 2 of the Monroe Power Plant. In March 2013, DTE Energy received a supplemental NOV from the EPA relating to the July 2009 NOV/FOV. The supplemental NOV alleged additional violations relating to the New Source Review provisions under the Clean Air Act, among other things.

In August 2010, the U.S. Department of Justice, at the request of the EPA, brought a civil suit in the U.S. District Court for the Eastern District of Michigan against DTE Energy and DTE Electric, related to the June 2010 NOV/FOV and the outage work performed at Unit 2 of the Monroe Power Plant. In August 2011, the U.S. District Court judge granted DTE Energy's motion for summary judgment in the civil case, dismissing the case and entering judgment in favor of DTE Energy and DTE Electric. In October 2011, the EPA filed a Notice of Appeal to the Court of Appeals for the Sixth Circuit. In March 2013, the Court of Appeals remanded the case to the U.S. District Court for review of the procedural component of the New Source Review notification requirements. In September 2013, the EPA filed a motion seeking leave to amend their complaint regarding the June 2010 NOV/FOV adding additional claims related to outage work performed at the Trenton Channel and Belle River Power Plants as well as additional claims related to work performed at the Monroe Power Plant. In March 2014, the U.S. District Court judge again granted DTE Energy's motion for summary judgment dismissing the civil case related to Monroe Unit 2. In April 2014, the U.S. District Court judge granted motions filed by the EPA and the Sierra Club to amend their New Source Review complaint adding additional claims for Monroe Units 1, 2, and 3, Belle River Units 1 and 2, and Trenton Channel Unit 9. In October 2014, the EPA and the U.S. Department of Justice filed a notice of appeal of the U.S. District Court judge's dismissal of the Monroe Unit 2 case. The amended New Source Review claims were all stayed pending resolution of the appeal by the Court of Appeals for the Sixth Circuit. On January 10, 2017, a divided panel of the Court reversed the decision of the U.S. District Court. On May 8, 2017, DTE Energy and DTE Electric filed a motion to stay the mandate pending filing of a petition for writ of certiorari with the U.S. Supreme Court. The Sixth Circuit granted the motion on May 16, 2017, staying the claims in the U.S. District Court until the U.S. Supreme Court disposes of the case. DTE Electric and DTE Energy filed a petition for writ of certiorari on July 31, 2017. On December 11, 2017, the U.S. Supreme Court denied certiorari. As a result of the Supreme Court electing not to review the matter, the case was sent back to the U.S. District Court for further proceedings and on June 14, 2018 the case was stayed pending settlement negotiations. The proceedings at the District Court remain stayed while the parties discuss potential resolution of the matter.

The Registrants believe that the plants and generating units identified by the EPA and the Sierra Club have complied with all applicable federal environmental regulations. Depending upon the outcome of the litigation and further discussions with the EPA regarding the two NOV/FOVs, DTE Electric could be required to install additional pollution control equipment at some or all of the power plants in question, implement early retirement of facilities where control equipment is not economical, engage in supplemental environmental programs, and/or pay fines. The Registrants do not expect the outcome of this matter to have a material impact on their Consolidated Financial Statements.

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The EPA has implemented regulatory actions under the Clean Air Act to address emissions of GHGs from the utility sector and other sectors of the economy. Among these actions, in 2015 the EPA finalized performance standards for emissions of carbon dioxide from new and existing fossil-fuel fired EGUs. The performance standards for existing EGUs, known as the EPA Clean Power Plan, were challenged by petitioners and stayed by the U.S. Supreme Court in February 2016 pending final review by the courts. On October 10, 2017, the EPA, under a new administration, proposed to rescind the Clean Power Plan, and in August 2018, the EPA proposed revised emission guidelines for GHGs from existing EGUs. On June 19, 2019, the EPA Administrator officially repealed the Clean Power Plan and finalized its replacement, named the ACE rule. The ACE Rule requires the state of Michigan to submit a plan in 2022 that includes GHG standards for existing coal-fired power plant units in Michigan. These final rules do not impact DTE Energy's revised commitment to reduce carbon emissions 32% by the early 2020s, 50% by 2030, and 80% by 2040, or its goal of net zero emissions by 2050 for DTE Electric, from the 2005 carbon emissions levels.

In addition to the GHG standards for existing EGUs, in December 2018, the EPA issued proposed revisions to the carbon dioxide performance standards for new, modified, or reconstructed fossil-fuel fired EGUs. The carbon standards for new sources are not expected to have a material impact on DTE Electric, since DTE Electric has no plans to build new coal-fired generation and any potential new gas generation will be able to comply with the standards.

Pending or future legislation or other regulatory actions could have a material impact on DTE Electric's operations and financial position and the rates charged to its customers. Impacts include expenditures for environmental equipment beyond what is currently planned, financing costs related to additional capital expenditures, the purchase of emission credits from market sources, higher costs of purchased power, and the retirement of facilities where control equipment is not economical. DTE Electric would seek to recover these incremental costs through increased rates charged to its utility customers, as authorized by the MPSC.

To comply with air pollution requirements, DTE Electric spent approximately \$2.4 billion through 2019. DTE Electric does not anticipate additional capital expenditures for air pollution requirements through 2026, subject to the results of future rulemakings.

Water — In response to an EPA regulation, DTE Electric was required to examine alternatives for reducing the environmental impacts of the cooling water intake structures at several of its facilities. Based on the results of completed studies and expected future studies, DTE Electric may be required to install technologies to reduce the impacts of the water intake structures. A final rule became effective in October 2014. The final rule requires studies to be completed and submitted as part of the National Pollutant Discharge Elimination System (NPDES) permit application process to determine the type of technology needed to reduce impacts to fish. DTE Electric has initiated the process of completing the required studies. Final compliance for the installation of any required technology will be determined by the state on a case by case, site specific basis. DTE Electric is currently evaluating the compliance options and working with the State of Michigan on evaluating whether any controls are needed. These evaluations/studies may require modifications to some existing intake structures. It is not possible to quantify the impact of this rulemaking at this time.

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Contaminated and Other Sites — Prior to the construction of major interstate natural gas pipelines, gas for heating and other uses was manufactured locally from processes involving coal, coke, or oil. The facilities, which produced gas, have been designated as MGP sites. DTE Electric conducted remedial investigations at contaminated sites, including three former MGP sites. The investigations have revealed contamination related to the by-products of gas manufacturing at each MGP site. In addition to the MGP sites, DTE Electric is also in the process of cleaning up other contaminated sites, including the area surrounding an ash landfill, electrical distribution substations, electric generating power plants, and underground and aboveground storage tank locations. The findings of these investigations indicated that the estimated cost to remediate these sites is expected to be incurred over the next several years. At December 31, 2019 and 2018, DTE Electric had \$8 million and \$7 million, respectively, accrued for remediation. Any change in assumptions, such as remediation techniques, nature and extent of contamination, and regulatory requirements, could impact the estimate of remedial action costs for the sites and affect DTE Electric's financial position and cash flows. DTE Electric believes the likelihood of a material change to the accrued amount is remote based on current knowledge of the conditions at each site.

Coal Combustion Residuals and Effluent Limitations Guidelines — A final EPA rule for the disposal of coal combustion residuals, commonly known as coal ash, became effective in October 2015, and was revised in October 2016 and July 2018. The rule is based on the continued listing of coal ash as a non-hazardous waste and relies on various self-implementation design and performance standards. DTE Electric owns and operates three permitted engineered coal ash storage facilities to dispose of coal ash from coal-fired power plants and operates a number of smaller impoundments at its power plants subject to certain provisions in the CCR rule. At certain facilities, the rule currently requires the installation of monitoring wells, compliance with groundwater standards, and the closure of basins at the end of the useful life of the associated power plant. At other facilities, the rule requires ash laden waters be moved from earthen basins to steel and concrete tanks. DTE Electric has estimated the impact of the current rule to be \$608 million.

On December 2, 2019 a proposed revision to the CCR Rule was published in the Federal Register to address the D.C. Circuit's 2018 decision regarding CCR impoundments that are not lined with an engineered liner system. The rule proposes that all CCR impoundments that do not meet the engineered liner requirements must close by specific dates, and it further confirms that all clay lined impoundments are viewed as unlined. The EPA is also preparing a rulemaking, expected to be proposed early in 2020, that will provide mechanisms to determine if certain alternative liner systems may be as protective as the current liners specified in the CCR rule. DTE Electric is currently evaluating options based on the range of outcomes of the current proposed rule and the anticipated proposed rule to determine any changes to DTE Electric's plans in the operation and closure of coal ash impoundments.

At the State level, legislation was signed by the Governor in December 2018 and provides for further regulation of the CCR program in Michigan. Additionally, the bill provides the basis of a CCR program that EGLE will submit to the EPA for approval to fully regulate the CCR program in Michigan in lieu of a Federal permit program.

In November 2015, the EPA finalized the ELG Rule for the steam electric power generating industry which requires additional controls to be installed between 2018 and 2023. Compliance schedules for individual facilities and individual waste streams are determined through issuance of new National Pollutant Discharge Elimination System (NPDES) permits by the State of Michigan. The State of Michigan has issued a NPDES permit for the Belle River Power Plant establishing a compliance deadline of December 31, 2021. No new permits that would require ELG compliance have been issued for other facilities, consequently no compliance timelines have been established.

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On April 12, 2017, the EPA granted a petition for reconsideration of the 2015 ELG Rule. The EPA also signed an administrative stay of the ELG Rule's compliance deadlines for fly ash transport water, bottom ash transport water, and flue gas desulfurization (FGD) wastewater, among others. On June 6, 2017, the EPA published in the Federal Register a proposed rule (Postponement Rule) to postpone certain applicable deadlines within the 2015 ELG rule. The Postponement Rule was published on September 18, 2017. The Postponement Rule nullified the administrative stay but also extended the earliest compliance deadlines for only FGD wastewater and bottom ash transport water until November 1, 2020 in order for the EPA to propose and finalize a new ruling. On November 22, 2019, the EPA issued a proposed rule to revise the technology-based effluent limitations guidelines and standards applicable to flue gas desulfurization wastewater and bottom ash transport water. The ELG compliance requirements and final deadlines for bottom ash transport water and FGD wastewater, and total ELG related compliance costs will not be known until the EPA completes its reconsideration of the ELG Rule expected by the end of 2020.

DTE Gas

Contaminated and Other Sites — DTE Gas owns or previously owned, 14 former MGP sites. Investigations have revealed contamination related to the by-products of gas manufacturing at each site. Cleanup of eight of the MGP sites is complete and the sites are closed. DTE Gas has also completed partial closure of four additional sites. Cleanup activities associated with the remaining sites will continue over the next several years. The MPSC has established a cost deferral and rate recovery mechanism for investigation and remediation costs incurred at former MGP sites. In addition to the MGP sites, DTE Gas is also in the process of cleaning up other contaminated sites, including gate stations, gas pipeline releases, and underground storage tank locations. As of December 31, 2019 and 2018, DTE Gas had \$25 million accrued for remediation. Any change in assumptions, such as remediation techniques, nature and extent of contamination, and regulatory requirements, could impact the estimate of remedial action costs for the sites and affect DTE Gas' financial position and cash flows. DTE Gas anticipates the cost amortization methodology approved by the MPSC, which allows for amortization of the MGP costs over a ten-year period beginning with the year subsequent to the year the MGP costs were incurred, will prevent the associated investigation and remediation costs from having a material adverse impact on DTE Gas' results of operations.

Non-utility

DTE Energy's non-utility businesses are subject to a number of environmental laws and regulations dealing with the protection of the environment from various pollutants.

In March 2019, the EPA issued a finding of violation to EES Coke, the Michigan coke battery facility that is a wholly-owned subsidiary of DTE Energy, alleging that the 2008 and 2014 permits issued by EGLE did not comply with the Clean Air Act. EES Coke evaluated the EPA's alleged violations and believes that the permits approved by EGLE complied with the Clean Air Act. Discussions with the EPA are ongoing. At the present time, DTE Energy does not believe this will have a material financial impact.

Other

In 2010, the EPA finalized a new one-hour SO₂ ambient air quality standard that requires states to submit plans and associated timelines for non-attainment areas that demonstrate attainment with the new SO₂ standard in phases. Phase 1 addresses non-attainment areas designated based on ambient monitoring data. Phase 2 addresses non-attainment areas with large sources of SO₂ and modeled concentrations exceeding the National Ambient Air Quality Standards for SO₂. Phase 3 addresses smaller sources of SO₂ with modeled or monitored exceedances of the new SO₂ standard.

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Michigan's Phase 1 non-attainment area includes DTE Energy facilities in southwest Detroit and areas of Wayne County. Modeling runs by EGLE suggest that emission reductions may be required by significant sources of SO₂ emissions in these areas, including DTE Electric power plants and DTE Energy's Michigan coke battery facility. As part of the state implementation plan (SIP) process, DTE Energy has worked with EGLE to develop air permits reflecting significant SO₂ emission reductions that, in combination with other non-DTE Energy sources' emission reduction strategies, will help the state attain the standard and sustain its attainment. Since several non-DTE Energy sources are also part of the proposed compliance plan, DTE Energy is unable to determine the full impact of the final required emissions reductions on DTE's facilities at this time.

Michigan's Phase 2 non-attainment area includes DTE Electric facilities in St. Clair County. State implementation plan submittal and EPA approval describing the control strategy and timeline for demonstrating compliance with the new SO₂ standard is the next step in the process and is expected to be completed by first quarter 2020. DTE Energy is currently working with EGLE to develop the required SIP. DTE Energy is unable to determine the full impact of the SIP strategy.

Synthetic Fuel Guarantees

DTE Energy discontinued the operations of its synthetic fuel production facilities throughout the United States as of December 31, 2007. DTE Energy provided certain guarantees and indemnities in conjunction with the sales of interests in its synfuel facilities. The guarantees cover potential commercial, environmental, oil price, and tax-related obligations that will survive until 90 days after expiration of all applicable statutes of limitations. DTE Energy estimates that its maximum potential liability under these guarantees at December 31, 2019 was approximately \$400 million. Payment under these guarantees are considered remote.

REF Guarantees

DTE Energy has provided certain guarantees and indemnities in conjunction with the sales of interests in or lease of its REF facilities. The guarantees cover potential commercial, environmental, and tax-related obligations that will survive until 90 days after expiration of all applicable statutes of limitations. DTE Energy estimates that its maximum potential liability under these guarantees at December 31, 2019 was \$549 million. Payments under these guarantees are considered remote.

NEXUS Guarantees

NEXUS is party to certain 15-year capacity agreements for the transportation of natural gas with DTE Gas and Texas Eastern Transmission, LP, an unrelated third party. In conjunction with these agreements, DTE Energy provided certain guarantees on behalf of NEXUS to DTE Gas and Texas Eastern Transmission, LP, with maximum potential payments totaling \$226 million and \$360 million at December 31, 2019, respectively; each representing 50% of all payment obligations due and payable by NEXUS. Each guarantee terminates at the earlier of (i) such time as all of the guaranteed obligations have been fully performed, or (ii) two months following the end of the primary term of the capacity agreements. In October 2018, NEXUS Pipeline was placed in service. The amount of each guarantee decreases annually as payments are made by NEXUS to each of the aforementioned counterparties.

NEXUS is also party to certain 15-year capacity agreements for the transportation of natural gas with Vector, an equity method investee of DTE Energy. Pursuant to the terms of those agreements, in October 2018, DTE Energy executed a guarantee agreement with Vector, with a maximum potential payment totaling \$7 million at December 31, 2019, representing 50% of the first-year payment obligations due and payable by NEXUS. The guarantee terminates at the earlier of (i) such time as all of the guaranteed obligations have been fully performed or (ii) 15 years from the date DTE Energy entered into the guarantee.

Should NEXUS fail to perform under the terms of these agreements, DTE Energy is required to perform on its behalf. Payments under these guarantees are considered remote.

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Other Guarantees

In certain limited circumstances, the Registrants enter into contractual guarantees. The Registrants may guarantee another entity's obligation in the event it fails to perform and may provide guarantees in certain indemnification agreements. Finally, the Registrants may provide indirect guarantees for the indebtedness of others. DTE Energy's guarantees are not individually material with maximum potential payments totaling \$56 million at December 31, 2019. Payments under these guarantees are considered remote.

DTE Energy is periodically required to obtain performance surety bonds in support of obligations to various governmental entities and other companies in connection with its operations. As of December 31, 2019, DTE Energy had \$109 million of performance bonds outstanding. In the event that such bonds are called for nonperformance, DTE Energy would be obligated to reimburse the issuer of the performance bond. DTE Energy is released from the performance bonds as the contractual performance is completed and does not believe that a material amount of any currently outstanding performance bonds will be called.

Vector Line of Credit

In July 2019, DTE Energy, as lender, entered into a revolving term credit facility with Vector, as borrower, in the amount of C\$70 million. The credit facility was executed in response to the passage of Canadian regulations requiring oil and gas pipelines to demonstrate their financial ability to respond to a catastrophic event and exists for the sole purpose of satisfying these regulations. Vector may only draw upon the facility if the funds are required to respond to a catastrophic event. The maximum potential payments under the line of credit at December 31, 2019 is \$54 million. The funding of a loan under the terms of the credit facility is considered remote.

Labor Contracts

There are several bargaining units for DTE Energy subsidiaries' approximate 5,300 represented employees, including DTE Electric's approximate 2,800 represented employees. The majority of the represented employees are under contracts that expire in 2021 and 2022.

Purchase Commitments

As of December 31, 2019, the Registrants were party to numerous long-term purchase commitments relating to a variety of goods and services required for their businesses. These agreements primarily consist of fuel supply commitments and renewable energy contracts for the Registrants, as well as energy trading contracts for DTE Energy. The Registrants estimate the following commitments from 2020 through 2051 for DTE Energy, and 2020 through 2039 for DTE Electric, as detailed in the following table:

	DTE Energy	DTE Electric
	(In millions)	
2020	\$ 3,152	\$ 1,556
2021	1,055	299
2022	561	95
2023	418	96
2024	365	96
2025 and thereafter	1,503	688
	<u>\$ 7,054</u>	<u>\$ 2,830</u>

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Utility capital expenditures, expenditures for non-utility businesses, and contributions to equity method investees will be approximately \$4.5 billion and \$2.6 billion in 2020 for DTE Energy and DTE Electric, respectively. The Registrants have made certain commitments in connection with the estimated 2020 annual capital expenditures and contributions to equity method investees.

Bankruptcies

DTE Energy's Power and Industrial Projects segment holds ownership interests in, and operates, five generating plants that sell electric output from renewable sources under long-term power purchase agreements with PG&E. PG&E filed for Chapter 11 bankruptcy protection on January 29, 2019. As of December 31, 2019, PG&Es account is substantially current and outstanding accounts receivable from PG&E are not material. Therefore, DTE Energy determined no reserve was necessary.

As of December 31, 2019, the book value of long-lived assets used in producing electric output for sale to PG&E was approximately \$101 million. The Power and Industrial Projects segment also has equity investments, including a note receivable, of approximately \$74 million in entities that sell power to PG&E. In January 2019, following the bankruptcy filing, DTE Energy performed an impairment analysis on its long-lived assets. Based on its undiscounted cash flow projections, DTE Energy determined it did not have an impairment loss as of December 31, 2018. DTE Energy also determined there was not an other-than-temporary decline in its equity investments. DTE has not identified subsequent facts or circumstances that would cause a change to these conclusions through December 31, 2019. DTE Energy's assumptions and conclusions may change, and it could have impairment losses if any of the terms of the contracts are not honored by PG&E or the contracts are rejected through the bankruptcy process.

Other Contingencies

The Registrants are involved in certain other legal, regulatory, administrative, and environmental proceedings before various courts, arbitration panels, and governmental agencies concerning claims arising in the ordinary course of business. These proceedings include certain contract disputes, additional environmental reviews and investigations, audits, inquiries from various regulators, and pending judicial matters. The Registrants cannot predict the final disposition of such proceedings. The Registrants regularly review legal matters and record provisions for claims that they can estimate and are considered probable of loss. The resolution of these pending proceedings is not expected to have a material effect on the Registrants' Consolidated Financial Statements in the periods they are resolved.

For a discussion of contingencies related to regulatory matters and derivatives, see Notes 10 and 14 to the Consolidated Financial Statements, "Regulatory Matters" and "Financial and Other Derivative Instruments," respectively.

NOTE 20 — NUCLEAR OPERATIONS

Property Insurance

DTE Electric maintains property insurance policies specifically for the Fermi 2 plant. These policies cover such items as replacement power and property damage. NEIL is the primary supplier of the insurance policies.

DTE Electric maintains a policy for extra expenses, including replacement power costs necessitated by Fermi 2's unavailability due to an insured event. This policy has a 12-week waiting period and provides an aggregate \$490 million of coverage over a three-year period.

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DTE Electric has \$1.5 billion in primary coverage and \$1.25 billion of excess coverage for stabilization, decontamination, debris removal, repair and/or replacement of property, and decommissioning. The combined coverage limit for total property damage is \$2.75 billion. The total limit for property damage for non-nuclear events is \$2.0 billion and an aggregate of \$328 million of coverage for extra expenses over a two-year period.

On January 13, 2015, the Terrorism Risk Insurance Program Reauthorization Act of 2015 was signed, extending TRIA through December 31, 2020. For multiple terrorism losses caused by acts of terrorism not covered under the TRIA occurring within one year after the first loss from terrorism, the NEIL policies would make available to all insured entities up to \$3.2 billion, plus any amounts recovered from reinsurance, government indemnity, or other sources to cover losses.

Under NEIL policies, DTE Electric could be liable for maximum assessments of up to \$42 million per event if the loss associated with any one event at any nuclear plant should exceed the accumulated funds available to NEIL.

Public Liability Insurance

As required by federal law, DTE Electric maintains \$450 million of public liability insurance for a nuclear incident. For liabilities arising from a terrorist act outside the scope of TRIA, the policy is subject to one industry aggregate limit of \$300 million. Further, under the Price-Anderson Amendments Act of 2005, deferred premium charges up to \$138 million could be levied against each licensed nuclear facility, but not more than \$20 million per year per facility. Thus, deferred premium charges could be levied against all owners of licensed nuclear facilities in the event of a nuclear incident at any of these facilities.

Nuclear Fuel Disposal Costs

In accordance with the Federal Nuclear Waste Policy Act of 1982, DTE Electric has a contract with the DOE for the future storage and disposal of spent nuclear fuel from Fermi 2 that required DTE Electric to pay the DOE a fee of 1 mill per kWh of Fermi 2 electricity generated and sold. The fee was a component of nuclear fuel expense. The 1 mill per kWh DOE fee was reduced to zero effective May 16, 2014.

The DOE's Yucca Mountain Nuclear Waste Repository program for the acceptance and disposal of spent nuclear fuel was terminated in 2011. DTE Electric is a party in the litigation against the DOE for both past and future costs associated with the DOE's failure to accept spent nuclear fuel under the timetable set forth in the Federal Nuclear Waste Policy Act of 1982. In July 2012, DTE Electric executed a settlement agreement with the federal government for costs associated with the DOE's delay in acceptance of spent nuclear fuel from Fermi 2 for permanent storage. The settlement agreement, including extensions, provides for a claims process and payment of delay-related costs experienced by DTE Electric through 2019. DTE Electric's claims are being settled and paid on a timely basis. The settlement proceeds reduce the cost of the dry cask storage facility assets and provide reimbursement for related operating expenses.

DTE Electric currently employs a spent nuclear fuel storage strategy utilizing a fuel pool and a dry cask storage facility. The spent nuclear fuel storage strategy is expected to provide sufficient spent fuel storage capability for the life of the plant as defined by DTE Electric's operating license agreement.

The federal government continues to maintain its legal obligation to accept spent nuclear fuel from Fermi 2 for permanent storage. Issues relating to long-term waste disposal policy and to the disposition of funds contributed by DTE Electric ratepayers to the federal waste fund await future governmental action.

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NOTE 21 — RETIREMENT BENEFITS AND TRUSTEED ASSETS

DTE Energy's subsidiary, DTE Energy Corporate Services, LLC, sponsors defined benefit pension plans and other postretirement plans covering certain employees of the Registrants.

The table below represents the pension and other postretirement benefit plans of each Registrant at December 31, 2019:

	Registrants	
	DTE Energy	DTE Electric
Qualified Pension Plans		
DTE Energy Company Retirement Plan	X	X
DTE Gas Company Retirement Plan for Employees Covered by Collective Bargaining Agreements	X	
Shenango Inc. Pension Plan	X	
Nonqualified Pension Plans		
DTE Energy Company Supplemental Retirement Plan	X	X
DTE Energy Company Executive Supplemental Retirement Plan ^(a)	X	X
DTE Energy Company Supplemental Severance Benefit Plan	X	
Other Postretirement Benefit Plans		
The DTE Energy Company Comprehensive Non-Health Welfare Plan	X	X
The DTE Energy Company Comprehensive Retiree Group Health Care Plan	X	X
DTE Supplemental Retiree Benefit Plan	X	X
DTE Energy Company Retiree Reimbursement Arrangement Plan	X	X

(a) Sponsored by the DTE Energy subsidiary, DTE Energy Holding Company.

DTE Electric participates in various plans that provide pension and other postretirement benefits for DTE Energy and its affiliates. The plans are sponsored by the LLC. DTE Electric accounts for its participation in DTE Energy's qualified and nonqualified pension plans by applying multiemployer accounting. DTE Electric accounts for its participation in other postretirement benefit plans by applying multiple-employer accounting. Within multiemployer and multiple-employer plans, participants pool plan assets for investment purposes and to reduce the cost of plan administration. The primary difference between plan types is assets contributed in multiemployer plans can be used to provide benefits for all participating employers, while assets contributed within a multiple-employer plan are restricted for use by the contributing employer. As a result of multiemployer accounting treatment, capitalized costs associated with these plans are reflected in Property, plant, and equipment in DTE Electric's Consolidated Statements of Financial Position. The same capitalized costs are reflected as Regulatory assets and liabilities in DTE Energy's Consolidated Statements of Financial Position. In addition, the service cost and non-service cost components are presented in Operation and maintenance in DTE Electric's Consolidated Statements of Operations. The same non-service cost components are presented in Other (Income) and Deductions — Non-operating retirement benefits, net in DTE Energy's Consolidated Statements of Operations. Plan participants of all plans are solely DTE Energy and affiliate participants.

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Pension Plan Benefits

DTE Energy has qualified defined benefit retirement plans for eligible represented and non-represented employees. The plans are noncontributory and provide traditional retirement benefits based on the employee's years of benefit service, average final compensation, and age at retirement. In addition, certain represented and non-represented employees are covered under cash balance provisions that determine benefits on annual employer contributions and interest credits. DTE Energy also maintains supplemental nonqualified, noncontributory, retirement benefit plans for certain management employees. These plans provide for benefits that supplement those provided by DTE Energy's other retirement plans.

Net pension cost for DTE Energy includes the following components:

	2019	2018	2017
	(In millions)		
Service cost	\$ 84	\$ 99	\$ 92
Interest cost	219	202	214
Expected return on plan assets	(325)	(329)	(311)
Amortization of:			
Net actuarial loss	133	176	176
Prior service cost	1	—	1
Net pension cost	\$ 112	\$ 148	\$ 172

	2019	2018
	(In millions)	
Other changes in plan assets and benefit obligations recognized in Regulatory assets and Other comprehensive income (loss)		
Net actuarial loss	\$ 156	\$ 125
Amortization of net actuarial loss	(133)	(176)
Amortization of prior service cost	(1)	—
Total recognized in Regulatory assets and Other comprehensive income (loss)	\$ 22	\$ (51)
Total recognized in net periodic pension cost, Regulatory assets, and Other comprehensive income (loss)	\$ 134	\$ 97
Estimated amounts to be amortized from Regulatory assets and Accumulated other comprehensive income (loss) into net periodic benefit cost during next fiscal year		
Net actuarial loss	\$ 171	\$ 131
Prior service cost	\$ 1	\$ 1

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The following table reconciles the obligations, assets, and funded status of the plans as well as the amounts recognized as prepaid pension cost or pension liability in DTE Energy's Consolidated Statements of Financial Position at December 31:

	DTE Energy	
	2019	2018
	(In millions)	
Accumulated benefit obligation, end of year	\$ 5,387	\$ 4,779
Change in projected benefit obligation		
Projected benefit obligation, beginning of year	\$ 5,124	\$ 5,576
Service cost	84	99
Interest cost	219	202
Actuarial (gain) loss	719	(438)
Benefits paid	(336)	(315)
Projected benefit obligation, end of year	\$ 5,810	\$ 5,124
Change in plan assets		
Plan assets at fair value, beginning of year	\$ 4,273	\$ 4,636
Actual return on plan assets	888	(233)
Company contributions	168	185
Benefits paid	(336)	(315)
Plan assets at fair value, end of year	\$ 4,993	\$ 4,273
Funded status	\$ (817)	\$ (851)
Amount recorded as:		
Current liabilities	\$ (9)	\$ (14)
Noncurrent liabilities	(808)	(837)
	\$ (817)	\$ (851)
Amounts recognized in Accumulated other comprehensive income (loss), pre-tax		
Net actuarial loss	\$ 153	\$ 152
Prior service cost	4	5
	\$ 157	\$ 157
Amounts recognized in Regulatory assets^(a)		
Net actuarial loss	\$ 1,995	\$ 1,973
Prior service credit	(12)	(12)
	\$ 1,983	\$ 1,961

(a) See Note 10 to the Consolidated Financial Statements, "Regulatory Matters."

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

The Registrants' policy is to fund pension costs by contributing amounts consistent with the provisions of the Pension Protection Act of 2006, and additional amounts when it deems appropriate. The following table provides contributions to the qualified pension plans in:

	2019	2018	2017
	(In millions)		
DTE Energy	\$ 150	\$ 175	\$ 223
DTE Electric	\$ 100	\$ 175	\$ 185

During 2019, DTE Energy contributed the following amounts of DTE Energy common stock to the DTE Energy Company Affiliates Employee Benefit Plans Master Trust:

Date	Number of Shares	Price per Share	Amount
			(In millions)
March 5, 2019	814,597	\$122.76	\$ 100

The above contribution was made on behalf of DTE Electric, for which DTE Electric paid DTE Energy cash consideration of \$100 million in March 2019. DTE Energy made additional cash contributions of \$50 million to the qualified pension plans in 2019.

At the discretion of management, and depending upon financial market conditions, DTE Energy anticipates making up to \$185 million in contributions, including \$160 million of DTE Electric contributions, to the qualified pension plans in 2020.

DTE Energy's subsidiaries are responsible for their share of qualified and nonqualified pension benefit costs. DTE Electric's allocated portion of pension benefit costs included in capital expenditures and operating and maintenance expense were \$93 million for the year ended December 31, 2019, \$120 million for the year ended December 31, 2018, and \$136 million for the year ended December 31, 2017. These amounts include recognized contractual termination benefit charges, curtailment gains, and settlement charges.

At December 31, 2019, the benefits related to DTE Energy's qualified and nonqualified pension plans expected to be paid in each of the next five years and in the aggregate for the five fiscal years thereafter are as follows:

	(In millions)
2020	\$ 311
2021	319
2022	324
2023	330
2024	334
2025-2029	1,723
Total	<u>\$ 3,341</u>

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Assumptions used in determining the projected benefit obligation and net pension costs of DTE Energy are:

	2019	2018	2017
Projected benefit obligation			
Discount rate	3.28%	4.40%	3.70%
Rate of compensation increase	4.98%	4.98%	4.98%
Net pension costs			
Discount rate	4.40%	3.70%	4.25%
Rate of compensation increase	4.98%	4.98%	4.65%
Expected long-term rate of return on plan assets	7.30%	7.50%	7.50%

DTE Energy employs a formal process in determining the long-term rate of return for various asset classes. Management reviews historic financial market risks and returns and long-term historic relationships between the asset classes of equities, fixed income, and other assets, consistent with the widely accepted capital market principle that asset classes with higher volatility generate a greater return over the long-term. Current market factors such as inflation, interest rates, asset class risks, and asset class returns are evaluated and considered before long-term capital market assumptions are determined. The long-term portfolio return is also established employing a consistent formal process, with due consideration of diversification, active investment management, and rebalancing. Peer data is reviewed to check for reasonableness. As a result of this process, the Registrants have long-term rate of return assumptions for the pension plans of 7.10% and other postretirement benefit plans of 7.20% for 2020. The Registrants believe these rates are a reasonable assumption for the long-term rate of return on plan assets for 2020 given the current investment strategy.

The DTE Energy Company Affiliates Employee Benefit Plans Master Trust employs a liability driven investment program whereby the characteristics of plan liabilities are considered when determining investment policy. Risk tolerance is established through consideration of future plan cash flows, plan funded status, and corporate financial considerations. The investment portfolio contains a diversified blend of equity, fixed income, and other investments. Furthermore, equity investments are diversified across U.S. and non-U.S. stocks and large and small market capitalizations. Fixed income investments generally include U.S. Treasuries, other governmental debt, diversified corporate bonds, bank loans, and mortgage-backed securities. Other investments are used to enhance long-term returns while improving portfolio diversification. Derivatives may be utilized in a risk controlled manner, to potentially increase the portfolio beyond the market value of invested assets and/or reduce portfolio investment risk. Investment risk is measured and monitored on an ongoing basis through annual liability measurements, periodic asset/liability studies, and quarterly investment portfolio reviews.

Target allocations for DTE Energy's pension plan assets as of December 31, 2019 are listed below:

U.S. Large Capitalization (Cap) Equity Securities	16 %
U.S. Small Cap and Mid Cap Equity Securities	4
Non-U.S. Equity Securities	15
Fixed Income Securities	42
Hedge Funds and Similar Investments	14
Private Equity and Other	9
	100 %

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

The following tables provide the fair value measurement amounts for DTE Energy's pension plan assets at December 31, 2019 and 2018(a):

	December 31, 2019				December 31, 2018			
	Level 1	Level 2	Other(b)	Total	Level 1	Level 2	Other(b)	Total
DTE Energy asset category:	(In millions)							
Short-term Investments(c)	\$ 99	\$ —	\$ —	\$ 99	\$ —	\$ 27	\$ —	\$ 27
Equity Securities								
Domestic(d)	172	—	870	1,042	729	4	—	733
International(e)	387	—	322	709	337	9	240	586
Fixed Income Securities								
Governmental(f)	569	—	—	569	—	868	—	868
Corporate(g)	—	1,452	—	1,452	6	1,024	—	1,030
Hedge Funds and Similar Investments(h)	169	—	502	671	88	—	542	630
Private Equity and Other(i)	—	—	451	451	—	—	399	399
DTE Energy Total	\$ 1,396	\$ 1,452	\$ 2,145	\$ 4,993	\$ 1,160	\$ 1,932	\$ 1,181	\$ 4,273

(a) For a description of levels within the fair value hierarchy, see Note 13 to the Consolidated Financial Statements, "Fair Value."

(b) Amounts represent assets valued at NAV as a practical expedient for fair value.

(c) This category predominantly represents certain short-term fixed income securities and money market investments that are managed in separate accounts or commingled funds. Pricing for investments in this category are obtained from quoted prices in actively traded markets or valuations from brokers or pricing services.

(d) This category represents portfolios of large, medium and small capitalization domestic equities. Investments in this category include exchange-traded securities for which unadjusted quoted prices can be obtained and exchange-traded securities held in a commingled fund classified as NAV assets.

(e) This category primarily consists of portfolios of non-U.S. developed and emerging market equities. Investments in this category are exchange-traded securities whereby unadjusted quoted prices can be obtained. Exchange-traded securities held in a commingled fund are classified as NAV assets.

(f) This category includes U.S. Treasuries, bonds, and other governmental debt. Pricing for investments in this category is obtained from quoted prices in actively traded markets and quotations from broker or pricing services.

(g) This category primarily consists of corporate bonds from diversified industries, bank loans, and mortgage backed securities. Pricing for investments in this category is obtained from quoted prices in actively traded markets and quotations from broker or pricing services.

(h) This category utilizes a diversified group of strategies that attempt to capture financial market inefficiencies and includes publicly traded mutual funds, commingled funds and limited partnership funds. Pricing for mutual funds in this category is obtained from quoted prices in actively traded markets. Commingled funds and limited partnership funds are classified as NAV assets.

(i) This category includes a diversified group of funds and strategies that primarily invests in private equity partnerships. This category also includes investments in real estate and private debt. All pricing for investments in this category are classified as NAV assets.

The pension trust holds debt and equity securities directly and indirectly through commingled funds. Exchange-traded debt and equity securities held directly are valued using quoted market prices in actively traded markets. The commingled funds hold exchange-traded equity or debt securities and are valued based on stated NAVs. Non-exchange traded fixed income securities are valued by the trustee based upon quotations available from brokers or pricing services. A primary price source is identified by asset type, class, or issue for each security. The trustee monitors prices supplied by pricing services and may use a supplemental price source or change the primary price source of a given security if the trustee challenges an assigned price and determines that another price source is considered preferable. DTE Energy has obtained an understanding of how these prices are derived, including the nature and observability of the inputs used in deriving such prices.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Other Postretirement Benefits

The Registrants participate in defined benefit plans sponsored by the LLC that provide certain other postretirement health care and life insurance benefits for employees who are eligible for these benefits. The Registrants' policy is to fund certain trusts to meet its other postretirement benefit obligations. DTE Energy did not make any contributions to these trusts during 2019 and does not anticipate making any contributions to the trusts in 2020.

DTE Energy and DTE Electric offer a defined contribution VEBA for eligible represented and non-represented employees, in lieu of defined benefit post-employment health care benefits. The Registrants allocate a fixed amount per year to an account in a defined contribution VEBA for each employee. These accounts are managed either by the Registrant (for non-represented and certain represented groups) or by the Utility Workers of America for Local 223 employees. DTE Energy contributions to the VEBA for these accounts were \$13 million in 2019, \$11 million in 2018, and \$8 million in 2017, including DTE Electric contributions of \$6 million in 2019 and \$5 million in 2018 and 2017.

The Registrants also contribute a fixed amount to a Retiree Reimbursement Account, for certain non-represented and represented retirees, spouses, and surviving spouses when the youngest of the retiree's covered household becomes eligible for Medicare Part A based on age. The amount of the annual allocation to each participant is determined by the employee's retirement date and increases each year for each eligible participant at the lower of the rate of medical inflation or 2%.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Net other postretirement credit for DTE Energy includes the following components:

	2019	2018	2017
	(In millions)		
Service cost	\$ 22	\$ 27	\$ 27
Interest cost	70	69	73
Expected return on plan assets	(96)	(143)	(130)
Amortization of:			
Net actuarial loss	12	11	13
Prior service credit	(9)	—	(14)
Net other postretirement credit	\$ (1)	\$ (36)	\$ (31)
	2019	2018	
	(In millions)		
Other changes in plan assets and accumulated postretirement benefit obligation recognized in Regulatory assets and Other comprehensive income (loss)			
Net actuarial (gain) loss	\$ 34	\$ (8)	
Amortization of net actuarial loss	(12)	(11)	
Prior service credit	(53)	(44)	
Amortization of prior service credit	9	—	
Total recognized in Regulatory assets and Other comprehensive income (loss)	\$ (22)	\$ (63)	
Total recognized in net periodic benefit cost, Regulatory assets, and Other comprehensive income (loss)	\$ (23)	\$ (99)	
Estimated amounts to be amortized from Regulatory assets and Accumulated other comprehensive income (loss) into net periodic benefit cost during next fiscal year			
Net actuarial loss	\$ 16	\$ 12	
Prior service credit	\$ (19)	\$ (9)	

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Net other postretirement credit for DTE Electric includes the following components:

	2019	2018	2017
	(In millions)		
Service cost	\$ 16	\$ 20	\$ 20
Interest cost	53	53	56
Expected return on plan assets	(65)	(98)	(90)
Amortization of:			
Net actuarial loss	5	8	8
Prior service credit	(7)	—	(10)
Net other postretirement cost (credit)	\$ 2	\$ (17)	\$ (16)

	2019	2018
	(In millions)	
Other changes in plan assets and accumulated postretirement benefit obligation recognized in Regulatory assets		
Net actuarial (gain) loss	\$ 41	\$ (46)
Amortization of net actuarial loss	(5)	(8)
Prior service cost	(33)	—
Amortization of prior service (cost) credit	7	(35)
Total recognized in Regulatory assets	\$ 10	\$ (89)
Total recognized in net periodic benefit cost and Regulatory assets	\$ 12	\$ (106)
Estimated amounts to be amortized from Regulatory assets into net periodic benefit cost during next fiscal year		
Net actuarial loss	\$ 11	\$ 5
Prior service credit	\$ (14)	\$ (7)

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following table reconciles the obligations, assets, and funded status of the plans including amounts recorded as Accrued postretirement liability in the Registrants' Consolidated Statements of Financial Position at December 31:

	DTE Energy		DTE Electric	
	2019	2018	2019	2018
(In millions)				
Change in accumulated postretirement benefit obligation				
Accumulated postretirement benefit obligation, beginning of year	\$ 1,645	\$ 1,910	\$ 1,247	\$ 1,470
Service cost	22	27	16	20
Interest cost	70	69	53	53
Plan amendments	(53)	(44)	(33)	(35)
Actuarial (gain) loss	153	(227)	118	(196)
Benefits paid	(86)	(90)	(64)	(65)
Accumulated postretirement benefit obligation, end of year	\$ 1,751	\$ 1,645	\$ 1,337	\$ 1,247
Change in plan assets				
Plan assets at fair value, beginning of year	\$ 1,689	\$ 1,848	\$ 1,158	\$ 1,272
Actual return on plan assets	215	(75)	141	(52)
Benefits paid	(85)	(84)	(63)	(62)
Plan assets at fair value, end of year	\$ 1,819	\$ 1,689	\$ 1,236	\$ 1,158
Funded status	\$ 68	\$ 44	\$ (101)	\$ (89)
Amount recorded as:				
Noncurrent assets	\$ 69	\$ 45	\$ 266	\$ 189
Current liabilities	(1)	(1)	—	—
Noncurrent liabilities	—	—	(367)	(278)
	\$ 68	\$ 44	\$ (101)	\$ (89)
Amounts recognized in Accumulated other comprehensive income (loss), pre-tax				
Net actuarial (gain) loss	\$ (8)	\$ 1	\$ —	\$ —
	\$ (8)	\$ 1	\$ —	\$ —
Amounts recognized in Regulatory assets^(a)				
Net actuarial loss	\$ 289	\$ 257	\$ 193	\$ 156
Prior service credit	(88)	(44)	(62)	(35)
	\$ 201	\$ 213	\$ 131	\$ 121

(a) See Note 10 to the Consolidated Financial Statements, "Regulatory Matters."

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NOTES TO FINANCIAL STATEMENTS (Continued)			

At December 31, 2019, the benefits expected to be paid, including prescription drug benefits, in each of the next five years and in the aggregate for the five fiscal years thereafter for the Registrants are as follows:

	DTE Energy	DTE Electric
	(In millions)	
2020	\$ 84	\$ 64
2021	88	67
2022	92	70
2023	94	72
2024	96	73
2025-2029	496	378
Total	<u>\$ 950</u>	<u>\$ 724</u>

Assumptions used in determining the accumulated postretirement benefit obligation and net other postretirement benefit costs of the Registrants are:

	2019	2018	2017
Accumulated postretirement benefit obligation			
Discount rate	3.29%	4.40%	3.70%
Health care trend rate pre- and post- 65	6.75 / 7.25%	6.75 / 7.25%	6.75 / 7.25%
Ultimate health care trend rate	4.50%	4.50%	4.50%
Year in which ultimate reached pre- and post- 65	2032	2031	2030
Other postretirement benefit costs			
Discount rate	4.40%	3.70%	4.25%
Expected long-term rate of return on plan assets	7.30%	7.75%	7.75%
Health care trend rate pre- and post- 65	6.75 / 7.25%	6.75 / 7.25%	6.50 / 6.75%
Ultimate health care trend rate	4.50%	4.50%	4.50%
Year in which ultimate reached pre- and post- 65	2031	2030	2028

A one percentage point increase in health care cost trend rates would have increased the total service cost and interest cost components of benefit costs for DTE Energy by \$3 million, including \$2 million for DTE Electric, in 2019 and would have increased the accumulated benefit obligation for DTE Energy by \$62 million, including \$44 million for DTE Electric, at December 31, 2019. A one percentage point decrease in the health care cost trend rates would have decreased the total service and interest cost components of benefit costs for DTE Energy by \$3 million, including \$2 million for DTE Electric, in 2019 and would have decreased the accumulated benefit obligation for DTE Energy by \$54 million, including \$39 million for DTE Electric, at December 31, 2019.

The process used in determining the long-term rate of return on assets for the other postretirement benefit plans is similar to that previously described for the pension plans.

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DTE Electric Company		04/15/2020	2019/Q4
NOTES TO FINANCIAL STATEMENTS (Continued)			

The DTE Energy Company Master VEBA Trust employs a liability driven investment program whereby the characteristics of plan liabilities are considered when determining investment policy. Risk tolerance is established through consideration of future plan cash flows, plan funded status, and corporate financial considerations. The investment portfolio contains a diversified blend of equity, fixed income, and other investments. Furthermore, equity investments are diversified across U.S. and non-U.S. stocks and large and small market capitalizations. Fixed income investments generally include U.S. Treasuries, other governmental debt, diversified corporate bonds, bank loans, and mortgage-backed securities. Other investments are used to enhance long-term returns while improving portfolio diversification. Derivatives may be utilized in a risk controlled manner to potentially increase the portfolio beyond the market value of invested assets and/or reduce portfolio investment risk. Investment risk is measured and monitored on an ongoing basis through annual liability measurements, periodic asset/liability studies, and quarterly investment portfolio reviews.

Target allocations for the Registrants' other postretirement benefit plan assets as of December 31, 2019 are listed below:

U.S. Large Cap Equity Securities	16 %
U.S. Small Cap and Mid Cap Equity Securities	3
Non-U.S. Equity Securities	16
Fixed Income Securities	37
Hedge Funds and Similar Investments	14
Private Equity and Other	14
	<u>100 %</u>

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NOTES TO FINANCIAL STATEMENTS (Continued)			

The following tables provide the fair value measurement amounts for the Registrants' other postretirement benefit plan assets at December 31, 2019 and 2018^(a):

	December 31, 2019				December 31, 2018			
	Level 1	Level 2	Other ^(b)	Total	Level 1	Level 2	Other ^(b)	Total
DTE Energy asset category:	(In millions)							
Short-term Investments ^(c)	\$ 80	\$ —	\$ —	\$ 80	\$ 14	\$ 2	\$ —	\$ 16
Equity Securities								
Domestic ^(d)	51	—	273	324	300	—	—	300
International ^(e)	182	—	89	271	234	—	67	301
Fixed Income Securities								
Governmental ^(f)	74	—	—	74	—	85	—	85
Corporate ^(g)	—	256	251	507	11	265	130	406
Hedge Funds and Similar Investments ^(h)	71	—	182	253	97	—	203	300
Private Equity and Other ⁽ⁱ⁾	—	—	310	310	—	—	281	281
DTE Energy Total	\$ 458	\$ 256	\$ 1,105	\$ 1,819	\$ 656	\$ 352	\$ 681	\$ 1,689
DTE Electric asset category:								
Short-term Investments ^(c)	\$ 55	\$ —	\$ —	\$ 55	\$ 10	\$ 1	\$ —	\$ 11
Equity Securities								
Domestic ^(d)	34	—	185	219	206	—	—	206
International ^(e)	124	—	60	184	163	—	45	208
Fixed Income Securities								
Governmental ^(f)	48	—	—	48	—	53	—	53
Corporate ^(g)	—	168	176	344	7	179	92	278
Hedge Funds and Similar Investments ^(h)	49	—	123	172	68	—	139	207
Private Equity and Other ⁽ⁱ⁾	—	—	214	214	—	—	195	195
DTE Electric Total	\$ 310	\$ 168	\$ 758	\$ 1,236	\$ 454	\$ 233	\$ 471	\$ 1,158

(a) For a description of levels within the fair value hierarchy see Note 13 to the Consolidated Financial Statements, "Fair Value."

(b) Amounts represent assets valued at NAV as a practical expedient for fair value.

(c) This category predominantly represents certain short-term fixed income securities and money market investments that are managed in separate accounts or commingled funds. Pricing for investments in this category are obtained from quoted prices in actively traded markets or valuations from brokers or pricing services.

(d) This category represents portfolios of large, medium and small capitalization domestic equities. Investments in this category include exchange-traded securities for which unadjusted quoted prices can be obtained and exchange-traded securities held in a commingled fund classified as NAV assets.

(e) This category primarily consists of portfolios of non-U.S. developed and emerging market equities. Investments in this category are exchange-traded securities whereby unadjusted quoted prices can be obtained. Exchange-traded securities held in a commingled fund are classified as NAV assets.

(f) This category includes U.S. Treasuries, bonds and other governmental debt. Pricing for investments in this category is obtained from quoted prices in actively traded markets and quotations from broker or pricing services.

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DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

- (g) This category primarily consists of corporate bonds from diversified industries, bank loans, and mortgage backed securities. Pricing for investments in this category is obtained from quoted prices in actively traded markets and quotations from broker or pricing services. Non-exchange traded securities and exchange-traded securities held in commingled funds are classified as NAV assets.
- (h) This category utilizes a diversified group of strategies that attempt to capture financial market inefficiencies and includes publicly traded mutual funds, commingled funds and limited partnership funds. Pricing for mutual funds in this category is obtained from quoted prices in actively traded markets. Commingled funds and limited partnership funds are classified as NAV assets.
- (i) This category includes a diversified group of funds and strategies that primarily invests in private equity partnerships. This category also includes investments in real estate and private debt. All investments in this category are classified as NAV assets.

The DTE Energy Company Master VEBA Trust holds debt and equity securities directly and indirectly through commingled funds. Exchange-traded debt and equity securities held directly are valued using quoted market prices in actively traded markets. The commingled funds hold exchange-traded equity or debt securities and are valued based on NAVs. Non-exchange traded fixed income securities are valued by the trustee based upon quotations available from brokers or pricing services. A primary price source is identified by asset type, class, or issue for each security. The trustee monitors prices supplied by pricing services and may use a supplemental price source or change the primary price source of a given security if the trustee challenges an assigned price and determines that another price source is considered preferable. The Registrants have obtained an understanding of how these prices are derived, including the nature and observability of the inputs used in deriving such prices.

Defined Contribution Plans

The Registrants also sponsor defined contribution retirement savings plans. Participation in one of these plans is available to substantially all represented and non-represented employees. For substantially all employees, the Registrants match employee contributions up to certain predefined limits based upon eligible compensation and the employee's contribution rate. Additionally, for eligible represented and non-represented employees who do not participate in the Pension Plans, the Registrants annually contribute an amount equivalent to 4% (8% for certain DTE Gas represented employees) of an employee's eligible pay to the employee's defined contribution retirement savings plan. For DTE Energy, the cost of these plans was \$65 million, \$61 million, and \$57 million for the years ended December 31, 2019, 2018, and 2017, respectively. For DTE Electric, the cost of these plans was \$31 million, \$29 million, and \$27 million for the years ended December 31, 2019, 2018, and 2017, respectively.

NOTE 22 — STOCK-BASED COMPENSATION

DTE Energy's stock incentive program permits the grant of incentive stock options, non-qualifying stock options, stock awards, performance shares, and performance units to employees and members of its Board of Directors. As a result of a stock award, a settlement of an award of performance shares, or by exercise of a participant's stock option, DTE Energy may deliver common stock from its authorized but unissued common stock and/or from outstanding common stock acquired by or on behalf of DTE Energy in the name of the participant. Key provisions of the stock incentive program are:

- Authorized limit is 16,500,000 shares of common stock;
- Prohibits the grant of a stock option with an exercise price that is less than the fair market value of DTE Energy's stock on the date of the grant; and

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NOTES TO FINANCIAL STATEMENTS (Continued)			

- Imposes the following award limits to a single participant in a single calendar year, (1) options for more than 500,000 shares of common stock; (2) stock awards for more than 150,000 shares of common stock; (3) performance share awards for more than 300,000 shares of common stock (based on the maximum payout under the award); or (4) more than 1,000,000 performance units, which have a face amount of \$1.00 each.

DTE Energy records compensation expense at fair value over the vesting period for all awards it grants.

The following table summarizes the components of stock-based compensation for DTE Energy:

	2019	2018	2017
	(In millions)		
Stock-based compensation expense	\$ 71	\$ 64	\$ 58
Tax benefit	\$ 13	\$ 13	\$ 23
Stock-based compensation cost capitalized in Property, plant, and equipment	\$ 16	\$ 11	\$ 9

Stock Options

Options are exercisable according to the terms of the individual stock option award agreements and expire ten years after the date of the grant. The option exercise price equals the fair value of the stock on the date that the option was granted. Stock options vest ratably over a three-year period.

There were no options granted and no options expensed during 2019, 2018, or 2017. The intrinsic value of options outstanding and options exercised for the years ended December 31, 2019, 2018, and 2017 were not material.

Restricted Stock Awards

Stock awards granted under the plan are restricted for varying periods, generally for three years. Participants have all rights of a shareholder with respect to a stock award, including the right to receive dividends and vote the shares. Prior to vesting in stock awards, the participant: (i) may not sell, transfer, pledge, exchange, or otherwise dispose of shares; (ii) shall not retain custody of the share certificates; and (iii) will deliver to DTE Energy a stock power with respect to each stock award upon request.

The stock awards are recorded at cost that approximates fair value on the date of grant. The cost is amortized to compensation expense over the vesting period.

The fair value of awards vested were not material for the years ended December 31, 2019, 2018, and 2017. Compensation cost charged against income was \$11 million for the years ended December 31, 2019, 2018, and 2017.

Performance Share Awards

Performance shares awarded under the plan are for a specified number of shares of DTE Energy common stock that entitle the holder to receive a cash payment, shares of DTE Energy common stock, or a combination thereof. The final value of the award is determined by the achievement of certain performance objectives and market conditions. The awards vest at the end of a specified period, usually three years. Awards granted in 2019, 2018, and 2017 were primarily deemed to be equity awards. The DTE Energy stock price and number of probable shares attributable to market conditions for such equity awards are fair valued only at the grant date. DTE Energy accounts for performance share awards by accruing compensation expense over the vesting period based on: (i) the number of shares expected to be paid which is based on the probable achievement of performance objectives; and (ii) the closing stock price market value. The settlement of the award is based on the closing price at the settlement date.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

DTE Energy recorded compensation expense for performance share awards as follows:

	2019	2018	2017
	(In millions)		
Compensation expense	\$ 60	\$ 53	\$ 47
Cash settlements ^(a)	\$ 19	\$ 13	\$ 15
Stock settlements ^(a)	\$ 79	\$ 39	\$ 66

(a) Sum of cash and stock settlements approximates the intrinsic value of the awards.

During the vesting period, the recipient of a performance share award has no shareholder rights. During the period beginning on the date the performance shares are awarded and ending on the certification date of the performance objectives, the number of performance shares awarded will be increased, assuming full dividend reinvestment at the fair market value on the dividend payment date. The cumulative number of performance shares will be adjusted to determine the final payment based on the performance objectives achieved. Performance share awards are nontransferable and are subject to risk of forfeiture.

The following table summarizes DTE Energy's performance share activity for the period ended December 31, 2019:

	Performance Shares	Weighted Average Grant Date Fair Value
Balance at December 31, 2018	1,286,686	\$ 97.17
Grants	446,579	\$ 115.85
Forfeitures	(44,044)	\$ 102.42
Payouts	(463,190)	\$ 88.53
Balance at December 31, 2019	1,226,031	\$ 107.35

Unrecognized Compensation Costs

As of December 31, 2019, DTE Energy's total unrecognized compensation cost related to non-vested stock incentive plan arrangements and the weighted average recognition period was as follows:

	Unrecognized Compensation Cost	Weighted Average to be Recognized
	(In millions)	(In years)
Stock awards	\$ 19	1.57
Performance shares	62	1.05
	\$ 81	1.17

Allocated Stock-Based Compensation

DTE Electric received an allocation of costs from DTE Energy associated with stock-based compensation. DTE Electric's allocation for 2019, 2018, and 2017 for stock-based compensation expense was \$43 million, \$38 million, and \$34 million, respectively.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

NOTE 23 — SEGMENT AND RELATED INFORMATION

DTE Energy sets strategic goals, allocates resources, and evaluates performance based on the following structure:

Electric segment consists principally of DTE Electric, which is engaged in the generation, purchase, distribution, and sale of electricity to approximately 2.2 million residential, commercial, and industrial customers in southeastern Michigan.

Gas segment consists principally of DTE Gas, which is engaged in the purchase, storage, transportation, distribution, and sale of natural gas to approximately 1.3 million residential, commercial, and industrial customers throughout Michigan and the sale of storage and transportation capacity.

Gas Storage and Pipelines is primarily engaged in services related to the gathering, transportation, and storage of natural gas.

Power and Industrial Projects is comprised primarily of projects that deliver energy and utility-type products and services to industrial, commercial, and institutional customers, produce reduced emissions fuel, and sell electricity and pipeline-quality gas from renewable energy projects.

Energy Trading consists of energy marketing and trading operations.

Corporate and Other includes various holding company activities, holds certain non-utility debt, and holds energy-related investments.

The federal income tax provisions or benefits of DTE Energy's subsidiaries are determined on an individual company basis and recognize the tax benefit of tax credits and net operating losses, if applicable. The state and local income tax provisions of the utility subsidiaries are determined on an individual company basis and recognize the tax benefit of various tax credits and net operating losses, if applicable. The subsidiaries record federal, state, and local income taxes payable to or receivable from DTE Energy based on the federal, state, and local tax provisions of each company.

Inter-segment billing for goods and services exchanged between segments is based upon tariffed or market-based prices of the provider and primarily consists of the sale of reduced emissions fuel, power sales, and natural gas sales in the following segments:

	Year Ended December 31,		
	2019	2018	2017
	(In millions)		
Electric	\$ 56	\$ 52	\$ 48
Gas	12	12	8
Gas Storage and Pipelines	27	36	42
Power and Industrial Projects	596	642	569
Energy Trading	22	27	35
Corporate and Other	2	2	2
	<u>\$ 715</u>	<u>\$ 771</u>	<u>\$ 704</u>

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Financial data of DTE Energy's business segments follows:

	Electric	Gas	Gas Storage and Pipelines	Power and Industrial Projects	Energy Trading	Corporate and Other	Reclassification s and Eliminations	Total
	(In millions)							
2019								
Operating Revenues — Utility operations	\$ 5,224	1,482	—	—	—	—	(68)	\$ 6,638
Operating Revenues — Non-utility operations	\$ 5	—	501	1,560	4,610	2	(647)	\$ 6,031
Depreciation and amortization	\$ 949	144	94	69	6	1	—	\$ 1,263
Interest expense	\$ 315	78	73	33	8	266	(132)	\$ 641
Interest income	\$ (2)	(6)	(8)	(9)	(4)	(120)	132	\$ (17)
Equity in earnings of equity method investees	\$ 1	2	97	14	—	(3)	—	\$ 111
Income Tax Expense (Benefit)	\$ 137	62	74	(63)	17	(75)	—	\$ 152
Net Income (Loss) Attributable to DTE Energy Company	\$ 714	185	204	133	49	(116)	—	\$ 1,169
Investment in equity method investees	\$ 5	11	1,685	130	—	31	—	\$ 1,862
Capital expenditures and acquisitions	\$ 2,368	530	2,510	54	5	—	—	\$ 5,467
Goodwill	\$ 1,208	743	470	26	17	—	—	\$ 2,464
Total Assets	\$ 24,617	5,717	4,832	537	798	7,679	(2,298)	\$ 41,882

	Electric	Gas	Gas Storage and Pipelines	Power and Industrial Projects	Energy Trading	Corporate and Other	Reclassification s and Eliminations	Total
	(In millions)							
2018								
Operating Revenues — Utility operations	\$ 5,298	1,436	—	—	—	—	(64)	\$ 6,670
Operating Revenues — Non-utility operations	\$ —	—	485	2,204	5,557	3	(707)	\$ 7,542
Depreciation and amortization	\$ 836	133	82	67	5	1	—	\$ 1,124
Interest expense	\$ 283	70	68	31	6	220	(119)	\$ 559
Interest income	\$ —	(6)	(9)	(9)	(3)	(104)	119	\$ (12)
Equity in earnings of equity method investees	\$ —	2	123	3	—	4	—	\$ 132
Income Tax Expense (Benefit)	\$ 193	67	68	(195)	13	(48)	—	\$ 98
Net Income (Loss) Attributable to DTE Energy Company	\$ 664	150	235	161	39	(129)	—	\$ 1,120
Investment in equity method investees	\$ 7	12	1,585	134	—	33	—	\$ 1,771
Capital expenditures and acquisitions	\$ 1,979	460	176	91	5	2	—	\$ 2,713
Goodwill	\$ 1,208	743	299	26	17	—	—	\$ 2,293
Total Assets	\$ 22,501	5,378	3,161	495	909	6,153	(2,309)	\$ 36,288

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

	Electric	Gas	Gas Storage and Pipelines	Power and Industrial Projects	Energy Trading	Corporate and Other	Reclassification s and Eliminations	Total
(In millions)								
2017								
Operating Revenues — Utility operations	\$ 5,102	1,388	—	—	—	—	(56)	\$ 6,434
Operating Revenues — Non-utility operations	\$ —	—	453	2,089	4,277	2	(648)	\$ 6,173
Depreciation and amortization	\$ 753	123	76	72	5	1	—	\$ 1,030
Interest expense	\$ 274	65	77	29	5	192	(106)	\$ 536
Interest income	\$ —	(7)	(14)	(7)	(2)	(88)	106	\$ (12)
Equity in earnings of equity method investees	\$ 1	2	90	9	—	—	—	\$ 102
Income Tax Expense (Benefit) ^(a)	\$ 321	78	(30)	(195)	49	(48)	—	\$ 175
Net Income (Loss) Attributable to DTE Energy Company	\$ 606	146	275	138	72	(103)	—	\$ 1,134
Investment in equity method investees	\$ 7	11	879	150	—	26	—	\$ 1,073
Capital expenditures and acquisitions	\$ 1,574	463	137	56	7	13	—	\$ 2,250
Goodwill	\$ 1,208	743	299	26	17	—	—	\$ 2,293
Total Assets	\$ 21,163	5,072	2,594	593	725	5,324	(1,704)	\$ 33,767

(a) Includes Income Tax Expense (Benefit) of \$(5) million, \$(115) million, \$(21) million, \$2 million, and \$34 million for Electric — non-utility, Gas Storage and Pipelines, Power and Industrial Projects, Energy Trading, and Corporate and Other, respectively, related to the enactment of the TCJA.

NOTE 24 — RELATED PARTY TRANSACTIONS

DTE Energy enters into related party transactions with certain equity method investees, primarily between DTE Gas and NEXUS. DTE Gas is party to a 15-year capacity lease agreement with NEXUS for the transportation of natural gas. Under the lease agreement, DTE Gas provides firm pipeline capacity in the DTE Gas system in order for NEXUS to provide service to its customers from an interconnect between NEXUS and DTE Gas. NEXUS is charged a fixed daily pipeline reservation charge. DTE Gas operating revenues from this agreement was \$32 million and \$6 million in 2019 and 2018, respectively. DTE Gas is also party to a 15-year service agreement with NEXUS for the transportation of natural gas. Under the service agreement, NEXUS provides firm pipeline capacity to transport natural gas to service DTE Gas customers. DTE Gas incurs a firm daily pipeline reservation charge, which totaled \$21 million and \$2 million in 2019 and 2018, respectively. These expenses are included in Fuel, purchased power, and gas - utility on the Consolidated Statements of Operations and are recovered through the GCR mechanism. Other related party transactions with equity method investees include transactions with Vector Pipeline and Millennium Pipeline. These transactions were not material for the years ended December 31, 2019, 2018, and 2017.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

DTE Electric has agreements with affiliated companies to sell energy for resale, purchase fuel and power, provide fuel supply services, and provide power plant operation and maintenance services. DTE Electric has agreements with certain DTE Energy affiliates where DTE Electric charges the affiliates for their use of the shared capital assets of DTE Electric. A shared services company accumulates various corporate support services expenses and charges various subsidiaries of DTE Energy, including DTE Electric. DTE Electric records federal, state, and local income taxes payable to or receivable from DTE Energy based on its federal, state, and local tax provisions.

The following is a summary of DTE Electric's transactions with affiliated companies:

	2019	2018	2017
	(In millions)		
Revenues			
Energy sales	\$ 10	\$ 9	\$ 9
Other services	\$ 5	\$ 4	\$ 4
Shared capital assets	\$ 47	\$ 43	\$ 39
Costs			
Fuel and purchased power	\$ 9	\$ 7	\$ 6
Other services and interest	\$ 23	\$ 33	\$ (2)
Corporate expenses, net	\$ 372	\$ 377	\$ 370
Other			
Dividends declared	\$ 494	\$ 461	\$ 432
Dividends paid	\$ 494	\$ 461	\$ 432
Capital contribution from DTE Energy	\$ 180	\$ 325	\$ 100

DTE Electric's Accounts receivable and Accounts payable related to Affiliates are payable upon demand and are generally settled in cash within a monthly business cycle. Notes receivable and Short-term borrowings related to Affiliates are subject to a credit agreement with DTE Energy whereby short-term excess cash or cash shortfalls are remitted to or funded by DTE Energy. This credit arrangement involves the charge and payment of interest at market-based rates. Refer to DTE Electric's Consolidated Statements of Financial Position for affiliate balances at December 31, 2019 and 2018.

There were no contributions made by DTE Electric to the DTE Energy Foundation for the years ended December 31, 2019 and 2018. There were \$7 million in charitable contributions made by DTE Electric to the DTE Energy Foundation for the year ended December 31, 2017. The DTE Energy Foundation is a non-consolidated not-for-profit private foundation, the purpose of which is to contribute and assist charitable organizations.

See the following notes for other related party transactions impacting DTE Electric's Consolidated Financial Statements:

Note	Title
1	Organization and Basis of Presentation
21	Retirement Benefits and Trusteed Assets
22	Stock-Based Compensation

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

NOTE 25 — SUPPLEMENTARY QUARTERLY FINANCIAL INFORMATION (UNAUDITED)

DTE Energy

Quarterly earnings per share may not equal full year totals, since quarterly computations are based on weighted average common shares outstanding during each quarter.

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Year
(In millions, except per share amounts)					
2019					
Operating Revenues	\$ 3,514	\$ 2,888	\$ 3,119	\$ 3,148	\$ 12,669
Operating Income	\$ 542	\$ 300	\$ 450	\$ 415	\$ 1,707
Net Income Attributable to DTE Energy Company	\$ 401	\$ 182	\$ 319	\$ 267	\$ 1,169
Basic Earnings per Share	\$ 2.20	\$ 0.99	\$ 1.74	\$ 1.40	\$ 6.32
Diluted Earnings per Share	\$ 2.19	\$ 0.99	\$ 1.73	\$ 1.40	\$ 6.31
2018					
Operating Revenues	\$ 3,753	\$ 3,159	\$ 3,550	\$ 3,750	\$ 14,212
Operating Income	\$ 504	\$ 329	\$ 429	\$ 332	\$ 1,594
Net Income Attributable to DTE Energy Company	\$ 361	\$ 234	\$ 334	\$ 191	\$ 1,120
Basic Earnings per Share	\$ 2.01	\$ 1.29	\$ 1.84	\$ 1.05	\$ 6.18
Diluted Earnings per Share	\$ 2.00	\$ 1.29	\$ 1.84	\$ 1.05	\$ 6.17

DTE Electric

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Year
(In millions)					
2019					
Operating Revenues	\$ 1,235	\$ 1,190	\$ 1,519	\$ 1,280	\$ 5,224
Operating Income	\$ 226	\$ 223	\$ 440	\$ 224	\$ 1,113
Net Income	\$ 147	\$ 133	\$ 307	\$ 129	\$ 716
2018					
Operating Revenues	\$ 1,205	\$ 1,276	\$ 1,521	\$ 1,296	\$ 5,298
Operating Income	\$ 253	\$ 269	\$ 444	\$ 168	\$ 1,134
Net Income	\$ 140	\$ 163	\$ 305	\$ 56	\$ 664

DTE Electric Company
Notes to Financial Statements — (Continued)

SUBSEQUENT EVENT

Subsequent to the filing of DTE Electric's annual report, the COVID-19 pandemic began impacting countries, communities, supply chains and markets. COVID-19 did not impact the financial results for the year ended December 31, 2019 presented in this document. For 2020, the continued spread of COVID-19 and efforts to contain the virus, such as quarantines or closures or reduced operations of businesses, governmental agencies and other institutions, has caused an economic slowdown, and could lead to a recession, result in significant disruptions in various public, commercial or industrial activities and cause employee absences which could interfere with operation and maintenance of our facilities. Travel bans and restrictions, quarantines, and shelter-in-place orders (including those in effect in our service areas in the State of Michigan) could also cause us to experience operational delays, delay the delivery of critical infrastructure and other supplies we source globally, delay the connection of electric service to new customers, and significantly reduce the use of electricity by our customers. We have experienced lower sales volumes, and any of the foregoing circumstances could further adversely affect customer demand or revenues, impact the ability of our suppliers, vendors or contractors to perform, or cause other unpredictable events, which could adversely affect our business, results of operations or financial condition. The continued spread of COVID-19 has also led to disruption and volatility in the financial markets, which could increase our costs to fund capital requirements. To the extent that our access to the capital markets is adversely affected by COVID-19, we may need to consider alternative sources of funding for our operations and for working capital, any of which could increase our cost of capital. The extent to which COVID-19 may impact our liquidity, financial condition, and results of operations will depend on future developments, which are highly uncertain and cannot be predicted, including new information concerning the severity of COVID-19 and the actions taken to contain it or treat its impact, and the extent to which normal economic and operating conditions can resume, among others. Our business continuity plans and insurance coverage may be insufficient to mitigate these adverse impacts to our business. In addition, our decision to suspend shut-offs for certain customers may adversely impact our collections process, which could have a negative impact on our results of operations, financial condition, and liquidity.

1. Report in columns (b),(c),(d) and (e) the amounts of accumulated other comprehensive income items, on a net-of-tax basis, where appropriate.
2. Report in columns (f) and (g) the amounts of other categories of other cash flow hedges.
3. For each category of hedges that have been accounted for as "fair value hedges", report the accounts affected and the related amounts in a footnote.
4. Report data on a year-to-date basis.

[illegible]

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION. AMORTIZATION AND DEPLETION					
Report in Column (c) the amount for electric function, in column (d) the amount for gas function, in column (e), (f), and (g) report other (specify) and in column (h) common function.					
Line No.	Classification (a)	Total Company for the Current Year/Quarter Ended (b)		Electric (c)	
1	Utility Plant				
2	In Service				
3	Plant in Service (Classified)	22,406,687,897		22,406,687,897	
4	Property Under Capital Leases	90,519,772		90,519,772	
5	Plant Purchased or Sold				
6	Completed Construction not Classified	1,144,597,682		1,144,597,682	
7	Experimental Plant Unclassified				
8	Total (3 thru 7)	23,641,805,351		23,641,805,351	
9	Leased to Others				
10	Held for Future Use	52,022,124		52,022,124	
11	Construction Work in Progress	1,547,447,865		1,547,447,865	
12	Acquisition Adjustments	130,599,505		130,599,505	
13	Total Utility Plant (8 thru 12)	25,371,874,845		25,371,874,845	
14	Accum Prov for Depr, Amort, & Depl	7,772,889,087		7,772,889,087	
15	Net Utility Plant (13 less 14)	17,598,985,758		17,598,985,758	
16	Detail of Accum Prov for Depr, Amort & Depl				
17	In Service:				
18	Depreciation	7,772,889,087		7,772,889,087	
19	Amort & Depl of Producing Nat Gas Land/Land Right				
20	Amort of Underground Storage Land/Land Rights				
21	Amort of Other Utility Plant				
22	Total In Service (18 thru 21)	7,772,889,087		7,772,889,087	
23	Leased to Others				
24	Depreciation				
25	Amortization and Depletion				
26	Total Leased to Others (24 & 25)				
27	Held for Future Use				
28	Depreciation				
29	Amortization				
30	Total Held for Future Use (28 & 29)				
31	Abandonment of Leases (Natural Gas)				
32	Amort of Plant Acquisition Adj				
33	Total Accum Prov (equals 14) (22,26,30,31,32)	7,772,889,087		7,772,889,087	

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION					
Gas (d)	Other (Specify) (e)	Other (Specify) (f)	Other (Specify) (g)	Common (h)	Line No.
					1
					2
					3
					4
					5
					6
					7
					8
					9
					10
					11
					12
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Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 200 Line No.: 4 Column: b

Property under Operating Leases, \$83,643,303.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
NUCLEAR FUEL MATERIALS (Account 120.1 through 120.6 and 157)					
<p>1. Report below the costs incurred for nuclear fuel materials in process of fabrication, on hand, in reactor, and in cooling; owned by the respondent.</p> <p>2. If the nuclear fuel stock is obtained under leasing arrangements, attach a statement showing the amount of nuclear fuel leased, the quantity used and quantity on hand, and the costs incurred under such leasing arrangements.</p>					
Line No.	Description of item (a)	Balance Beginning of Year (b)	Changes during Year Additions (c)		
1	Nuclear Fuel in process of Refinement, Conv, Enrichment & Fab (120.1)				
2	Fabrication				
3	Nuclear Materials	3,061,520	78,035,196		
4	Allowance for Funds Used during Construction				
5	(Other Overhead Construction Costs, provide details in footnote)				
6	SUBTOTAL (Total 2 thru 5)	3,061,520			
7	Nuclear Fuel Materials and Assemblies				
8	In Stock (120.2)				
9	In Reactor (120.3)	303,375,505	478,139		
10	SUBTOTAL (Total 8 & 9)	303,375,505			
11	Spent Nuclear Fuel (120.4)	1,120,432,967			
12	Nuclear Fuel Under Capital Leases (120.6)				
13	(Less) Accum Prov for Amortization of Nuclear Fuel Assem (120.5)	1,272,241,445			
14	TOTAL Nuclear Fuel Stock (Total 6, 10, 11, 12, less 13)	154,628,547			
15	Estimated net Salvage Value of Nuclear Materials in line 9				
16	Estimated net Salvage Value of Nuclear Materials in line 11				
17	Est Net Salvage Value of Nuclear Materials in Chemical Processing				
18	Nuclear Materials held for Sale (157)				
19	Uranium				
20	Plutonium				
21	Other (provide details in footnote):				
22	TOTAL Nuclear Materials held for Sale (Total 19, 20, and 21)				

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of <u>2019/Q4</u>
NUCLEAR FUEL MATERIALS (Account 120.1 through 120.6 and 157)					
Changes during Year				Balance End of Year (f)	Line No.
Amortization (d)	Other Reductions (Explain in a footnote) (e)				
					1
					2
	478,139			80,618,577	3
					4
					5
				80,618,577	6
					7
					8
				303,853,644	9
				303,853,644	10
				1,120,432,967	11
					12
-60,218,772				1,332,460,217	13
				172,444,971	14
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					21
					22

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 202 Line No.: 3 Column: c

There was \$78,035,196 of Nuclear Fuel Purchases recorded to WIP.

Schedule Page: 202 Line No.: 3 Column: e

Nuclear Fuel moved from WIP into the reactor \$478,139.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106)					
<p>1. Report below the original cost of electric plant in service according to the prescribed accounts.</p> <p>2. In addition to Account 101, Electric Plant in Service (Classified), this page and the next include Account 102, Electric Plant Purchased or Sold; Account 103, Experimental Electric Plant Unclassified; and Account 106, Completed Construction Not Classified-Electric.</p> <p>3. Include in column (c) or (d), as appropriate, corrections of additions and retirements for the current or preceding year.</p> <p>4. For revisions to the amount of initial asset retirement costs capitalized, included by primary plant account, increases in column (c) additions and reductions in column (e) adjustments.</p> <p>5. Enclose in parentheses credit adjustments of plant accounts to indicate the negative effect of such accounts.</p> <p>6. Classify Account 106 according to prescribed accounts, on an estimated basis if necessary, and include the entries in column (c). Also to be included in column (c) are entries for reversals of tentative distributions of prior year reported in column (b). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, include in column (d) a tentative distribution of such retirements, on an estimated basis, with appropriate contra entry to the account for accumulated depreciation provision. Include also in column (d)</p>					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)		
1	1. INTANGIBLE PLANT				
2	(301) Organization				
3	(302) Franchises and Consents				
4	(303) Miscellaneous Intangible Plant	824,581,159	137,632,051		
5	TOTAL Intangible Plant (Enter Total of lines 2, 3, and 4)	824,581,159	137,632,051		
6	2. PRODUCTION PLANT				
7	A. Steam Production Plant				
8	(310) Land and Land Rights	14,120,766			
9	(311) Structures and Improvements	1,152,805,634	23,448,054		
10	(312) Boiler Plant Equipment	5,572,215,975	121,984,169		
11	(313) Engines and Engine-Driven Generators				
12	(314) Turbogenerator Units	814,431,114	25,818,829		
13	(315) Accessory Electric Equipment	183,987,166	1,784,392		
14	(316) Misc. Power Plant Equipment	28,009,652	2,869,905		
15	(317) Asset Retirement Costs for Steam Production	146,328,654	55,697,546		
16	TOTAL Steam Production Plant (Enter Total of lines 8 thru 15)	7,911,898,961	231,602,895		
17	B. Nuclear Production Plant				
18	(320) Land and Land Rights				
19	(321) Structures and Improvements	252,658,089	9,866,130		
20	(322) Reactor Plant Equipment	540,343,168	18,346,160		
21	(323) Turbogenerator Units	194,958,348	25,631,654		
22	(324) Accessory Electric Equipment	81,245,776	11,191,797		
23	(325) Misc. Power Plant Equipment	103,856,498	-64,468		
24	(326) Asset Retirement Costs for Nuclear Production	228,094,022			
25	TOTAL Nuclear Production Plant (Enter Total of lines 18 thru 24)	1,401,155,901	64,971,273		
26	C. Hydraulic Production Plant				
27	(330) Land and Land Rights	3,190,436			
28	(331) Structures and Improvements	32,965,248	76,974		
29	(332) Reservoirs, Dams, and Waterways	118,587,497	392,450		
30	(333) Water Wheels, Turbines, and Generators	256,271,612	59,127,620		
31	(334) Accessory Electric Equipment	44,319,329	19,394,220		
32	(335) Misc. Power Plant Equipment	9,377,524	414,168		
33	(336) Roads, Railroads, and Bridges	1,862,785			
34	(337) Asset Retirement Costs for Hydraulic Production				
35	TOTAL Hydraulic Production Plant (Enter Total of lines 27 thru 34)	466,574,431	79,405,432		
36	D. Other Production Plant				
37	(340) Land and Land Rights	1,356,530			
38	(341) Structures and Improvements	10,804,914	1,415,007		
39	(342) Fuel Holders, Products, and Accessories	14,818,267	2,195,758		
40	(343) Prime Movers	141,780,572	30,166,505		
41	(344) Generators	1,283,381,904	294,461,479		
42	(345) Accessory Electric Equipment	39,223,185	16,480,944		
43	(346) Misc. Power Plant Equipment	142,329,665	17,169		
44	(347) Asset Retirement Costs for Other Production	56,989,702	-3,213,157		
45	TOTAL Other Prod. Plant (Enter Total of lines 37 thru 44)	1,690,684,739	341,523,705		
46	TOTAL Prod. Plant (Enter Total of lines 16, 25, 35, and 45)	11,470,314,032	717,503,305		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106) (Continued)

distributions of these tentative classifications in columns (c) and (d), including the reversals of the prior years tentative account distributions of these amounts. Careful observance of the above instructions and the texts of Accounts 101 and 106 will avoid serious omissions of the reported amount of respondent's plant actually in service at end of year.

7. Show in column (f) reclassifications or transfers within utility plant accounts. Include also in column (f) the additions or reductions of primary account classifications arising from distribution of amounts initially recorded in Account 102, include in column (e) the amounts with respect to accumulated provision for depreciation, acquisition adjustments, etc., and show in column (f) only the offset to the debits or credits distributed in column (f) to primary account classifications.

8. For Account 399, state the nature and use of plant included in this account and if substantial in amount submit a supplementary statement showing subaccount classification of such plant conforming to the requirement of these pages.

9. For each amount comprising the reported balance and changes in Account 102, state the property purchased or sold, name of vendor or purchase, and date of transaction. If proposed journal entries have been filed with the Commission as required by the Uniform System of Accounts, give also date

Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)	Line No.
				1
				2
				3
106,238,873			855,974,337	4
106,238,873			855,974,337	5
				6
				7
-131,000		-71,980	14,179,786	8
5,070,040		-2,338,376	1,168,845,272	9
67,069,504		2,787,778	5,629,918,418	10
				11
17,154,257		18,454	823,114,140	12
736,648		640,104	185,675,014	13
346,271		-4,904,853	25,628,433	14
9,784,624			192,241,576	15
100,030,344		-3,868,873	8,039,602,639	16
				17
				18
625,809		-122,803	261,775,607	19
10,204,501			548,484,827	20
10,201,681			210,388,321	21
698,318			91,739,255	22
-869,028		-8,737	104,652,321	23
			228,094,022	24
20,861,281		-131,540	1,445,134,353	25
				26
			3,190,436	27
126,525			32,915,697	28
			118,979,947	29
22,499,048			292,900,184	30
1,649,834			62,063,715	31
12,382			9,779,310	32
			1,862,785	33
				34
24,287,789			521,692,074	35
				36
			1,356,530	37
152,991		-25,917	12,041,013	38
-107,410			17,121,435	39
1,280,640			170,666,437	40
14,873,841		-47,697	1,562,921,845	41
507,230			55,196,899	42
		-19,021	142,327,813	43
			53,776,545	44
16,707,292		-92,635	2,015,408,517	45
161,886,706		-4,093,048	12,021,837,583	46

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106) (Continued)					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)		
47	3. TRANSMISSION PLANT				
48	(350) Land and Land Rights				
49	(352) Structures and Improvements				
50	(353) Station Equipment	82,744,431			
51	(354) Towers and Fixtures				
52	(355) Poles and Fixtures				
53	(356) Overhead Conductors and Devices				
54	(357) Underground Conduit				
55	(358) Underground Conductors and Devices				
56	(359) Roads and Trails				
57	(359.1) Asset Retirement Costs for Transmission Plant				
58	TOTAL Transmission Plant (Enter Total of lines 48 thru 57)	82,744,431			
59	4. DISTRIBUTION PLANT				
60	(360) Land and Land Rights	43,433,025	3,128,253		
61	(361) Structures and Improvements	181,641,377	6,757,385		
62	(362) Station Equipment	1,402,390,254	88,044,075		
63	(363) Storage Battery Equipment	1,999,834			
64	(364) Poles, Towers, and Fixtures	1,480,394,894	148,006,757		
65	(365) Overhead Conductors and Devices	2,267,997,646	188,691,393		
66	(366) Underground Conduit	384,547,852	61,548,808		
67	(367) Underground Conductors and Devices	1,346,567,953	125,292,772		
68	(368) Line Transformers	611,181,874	20,728,679		
69	(369) Services	387,014,260	22,165,555		
70	(370) Meters	399,691,893	5,413,169		
71	(371) Installations on Customer Premises	55,782,439	1,557,061		
72	(372) Leased Property on Customer Premises				
73	(373) Street Lighting and Signal Systems	234,401,124	21,124,343		
74	(374) Asset Retirement Costs for Distribution Plant	2,496,802	-421		
75	TOTAL Distribution Plant (Enter Total of lines 60 thru 74)	8,799,541,227	692,457,829		
76	5. REGIONAL TRANSMISSION AND MARKET OPERATION PLANT				
77	(380) Land and Land Rights				
78	(381) Structures and Improvements				
79	(382) Computer Hardware				
80	(383) Computer Software				
81	(384) Communication Equipment				
82	(385) Miscellaneous Regional Transmission and Market Operation Plant				
83	(386) Asset Retirement Costs for Regional Transmission and Market Oper				
84	TOTAL Transmission and Market Operation Plant (Total lines 77 thru 83)				
85	6. GENERAL PLANT				
86	(389) Land and Land Rights	13,476,382	4,742,584		
87	(390) Structures and Improvements	377,194,525	62,694,378		
88	(391) Office Furniture and Equipment	237,824,660	87,292,365		
89	(392) Transportation Equipment	190,865,302	31,858,967		
90	(393) Stores Equipment	2,672,520	1,377,132		
91	(394) Tools, Shop and Garage Equipment	100,976,839	8,466,189		
92	(395) Laboratory Equipment	20,651,456	1,769,427		
93	(396) Power Operated Equipment	25,619,447	2,568,462		
94	(397) Communication Equipment	138,495,056	-1,249,603		
95	(398) Miscellaneous Equipment	20,850,706	3,100,185		
96	SUBTOTAL (Enter Total of lines 86 thru 95)	1,128,626,893	202,620,086		
97	(399) Other Tangible Property				
98	(399.1) Asset Retirement Costs for General Plant	1,531,073			
99	TOTAL General Plant (Enter Total of lines 96, 97 and 98)	1,130,157,966	202,620,086		
100	TOTAL (Accounts 101 and 106)	22,307,338,815	1,750,213,271		
101	(102) Electric Plant Purchased (See Instr. 8)				
102	(Less) (102) Electric Plant Sold (See Instr. 8)				
103	(103) Experimental Plant Unclassified				
104	TOTAL Electric Plant in Service (Enter Total of lines 100 thru 103)	22,307,338,815	1,750,213,271		

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106) (Continued)					
Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.
					47
					48
					49
1,219,661			81,524,770		50
					51
					52
					53
					54
					55
					56
					57
1,219,661			81,524,770		58
					59
	3,854	68,126	46,633,258		60
273,495		481,467	188,606,734		61
11,075,209		6,404	1,479,365,524		62
			1,999,834		63
25,576,589			1,602,825,062		64
47,659,302			2,409,029,737		65
1,116,761			444,979,899		66
16,283,086			1,455,577,639		67
2,400,515			629,510,038		68
1,624,739			407,555,076		69
3,475,102			401,629,960		70
973,609			56,365,891		71
					72
4,740,063			250,785,404		73
332,748			2,163,633		74
115,531,218	3,854	555,997	9,377,027,689		75
					76
					77
					78
					79
					80
					81
					82
					83
					84
					85
			18,218,966		86
9,702,172		138,861	430,325,592		87
14,611,690			310,505,335		88
11,466,341			211,257,928		89
			4,049,652		90
1,520,351			107,922,677		91
1,919,332		48,265	20,549,816		92
831,729			27,356,180		93
80,119,646		393,263	57,519,070		94
1,218,788		2,952,808	25,684,911		95
121,390,049		3,533,197	1,213,390,127		96
					97
			1,531,073		98
121,390,049		3,533,197	1,214,921,200		99
506,266,507	3,854	-3,854	23,551,285,579		100
					101
					102
					103
506,266,507	3,854	-3,854	23,551,285,579		104

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 204 Line No.: 104 Column: c
Property under Operating Leases of \$83,643,303 is not Included in this Total.
Schedule Page: 204 Line No.: 104 Column: g
Property under Operating Leases of \$83,643,303 is not Included in this Total.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC PLANT HELD FOR FUTURE USE (Account 105)					
1. Report separately each property held for future use at end of the year having an original cost of \$250,000 or more. Group other items of property held for future use.					
2. For property having an original cost of \$250,000 or more previously used in utility operations, now held for future use, give in column (a), in addition to other required information, the date that utility use of such property was discontinued, and the date the original cost was transferred to Account 105.					
Line No.	Description and Location Of Property (a)	Date Originally Included in This Account (b)	Date Expected to be used in Utility Service (c)	Balance at End of Year (d)	
1	Land and Rights:				
2					
3	Distribution Plant:				
4					
5	Belleville: Land held for future substation	4/30/2010	6/30/2021	223,746	
6					
7	Nuclear Production Plant:				
8					
9	Fermi 2 License Renewal	12/31/2016	3/20/2025	33,676,187	
10					
11	Fermi 2 Reg Guide	12/31/2017	3/20/2025	16,646,493	
12					
13	Fermi 2 License Renewal Fatigue Monitoring	2/28/2018	3/20/2025	1,475,698	
14					
15					
16					
17					
18					
19					
20					
21	Other Property:				
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47	Total			52,022,124	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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**PLANT ACQUISITION ADJUSTMENTS AND ACCUMULATED PROVISION FOR AMORTIZATION
OF PLANT ACQUISITION ADJUSTMENTS (Accounts 114 & 115)**

1. Report the particulars called for concerning acquisition adjustments.
2. Provide a subheading for each account and list thereunder the information called for, observing the instructions below.
3. Explain each debit and credit during the year, give reference to any Commission orders or other authorizations concerning such amounts, and show contra account debited or credited.
4. For acquisition adjustments arising during the year,

- state the name of the company from which the property was acquired, date of transaction, and date journal entries clearing Account 102, Plant Purchased or Sold, were filed with the Commission.
5. In the blank space at the bottom of the schedule, explain the plan of disposition of any acquisition adjustments not currently being amortized.
 6. Give date Commission authorized use of Account 115.

Line No.	Description (a)	Balance Beginning of Year (b)	Debits (c)	CREDITS		Balance End of Year (f)
				Contra Acct. (d)	Amount (e)	
1	Account 114					
2						
3	Brookfield Wind Farm	\$ 16,250,450	\$ -	406	\$ (833,357)	\$ 15,417,093
4						
5	Renaissance Power Plant	120,973,312	-	406	(5,790,900)	115,182,412
6						
7	Total	\$ 137,223,762	\$ -		\$ (6,624,257)	\$ 130,599,505
8						
9						
10						
11						
12						
13						
14						
15	Account 115	\$ -				\$ -
16						
17	No Activity					
18						
19						
20						

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
<p align="center">CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)</p>				
<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
1	ADMS	11,496,786	-	49,800,000
2	Alamo Sub Expand Brose	1,415,318	51	-
3	AMI Industrial Meter Upgrade	5,736,623	-	4,200,000
4	AMI Residential Meter	26,323,974	-	200,000
5	AMI Meter Replacement	1,486,850	-	-
6	Analog Lines Elimination	5,027,820	-	-
7	BALFR Hardening	1,050,937	5,988,813	-
8	BCD CS Automation Tools	1,743,288	-	-
9	Beech Street Workplace Transformation Initiative	1,300,074	-	2,398,498
10	Belle River Power Plant U2 LP Turbine Blade Replace	4,150,461	-	-
11	Belle River Power Plant Unit 1 DC 109 and U2 DC 110	1,497,113	-	-
12	Black Start Alternate AC Source	14,313,280	-	-
13	Blue Water Energy Center	441,279,768	-	510,300,000
14	Breaker Replacement Install and Removal	1,542,096	610,529	-
15	BRM MEP 001 Tripwire extention to Non NERC	1,051,670	-	-
16	CA IT 056 Skype for Business Rollout	1,967,398	-	-
17	CA IT 004 Core ERP Sustain	2,437,103	-	-
18	CA MEP 015 Business Planning Consolidation and Business Warehouse Upgrade	1,619,824	-	-
19	CA MEP 031 Success Factors	1,044,071	-	-
20	Cable Replacement Program	6,270,521	3,932,451	-
21	Charlotte Substn Decommissioning	14,720,620	1,312,541	3,000,000
22	City of Pontiac Vaults Project	2,183,882	4,235,429	-
23	Control Rod Blades Install	3,070,926	-	-
24	Control Rod Drive Mechanisms	3,474,974	1,400	-
25	Cooling Tower Replacements	4,141,879	-	-
26	Corktown Substation	1,107,476	-	-
27	CS 011 Collect Tran Digital Channel	2,310,062	-	-
28	CS IT 035 CRandB Sustain Accen MSA	8,241,940	-	-
29	CS IT 042 Customer Digital Channel Service	3,224,122	-	-
30	CS IT 057 Self Service Channel for Mobil	1,203,293	-	-
31	CS IT 080 Customer Infrastructure and Landscape	1,066,366	-	-
32	CS MEP 036 Customer Connection Portal	3,320,102	-	-
33	CS MEP 059 Hybris	2,593,272	-	-
34	CS MEP 063 Time of Use	6,965,485	-	-
35	CS MEP 067 MIGP Wind	1,097,451	-	-

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<p align="center">CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)</p>				
<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
36	CS MEP 069 Rider	1,152,491	-	-
37	CTG Controls Upgrade	1,288,640	-	-
38	DCOE 026 PBX Replacement	1,762,332	-	-
39	Delta Ground Detection Program	5,545,098	102,283	3,957,602
40	Detroit Underground Cable Project	1,148,282	-	-
41	Detroit Pathway for CEP	4,394,398	-	-
42	Distribution Operations Technology Projects	2,089,015	32,987	126,147
43	Distribution Transformers and Regulators	28,958,927	-	-
44	Drexel Substation Rebuild	3,126,897	4,955	-
45	EDA IT 002 Emergent Work Data Platform	3,711,662	-	-
46	Edison Center Replace Fire Alarm III	1,229,701	-	1,000,000
47	Emergent Transformers and Regulators	16,461,725	9,805,577	-
48	Engineering New Business Customer Specific	1,132,881	1,355,536	-
49	ERUC Trouble Emergent OH Outage	2,002,086	56,339,039	-
50	ESOC Relocation Project	33,315,585	-	77,900,000
51	Extended Power Uprates	1,059,147	-	-
52	Fairbanks Wind Park	4,289,840	-	143,250,000
53	Fire Header Restoration	2,065,081	-	3,000,000
54	Fleet Electric Distribution Operations	14,003,818	-	-
55	Fuel Design	4,519,713	-	-
56	Future Wind	19,000,000	-	-
57	General Operations 7 Workplace Transformation Initiative	1,997,930	-	2,644,001
58	General Plant Capital	4,568,038	-	-
59	General Plant T and E Service Operations	2,289,475	3,606	-
60	Gordie Howe International Bridge	6,312,801	10,118,279	-
61	Gramer Substation	1,139,403	-	-
62	GRNEC Unit 1 Main Unit Transformer	1,862,688	-	-
63	Harsen's Island Circuit Renewal	5,875,983	-	-
64	Heah Quarter Steam Conversion	9,892,445	-	29,537,555
65	Hood Substation Village at Bloomfield	4,626,326	693,540	-
66	Isabella 1 Wind Park	17,600,273	-	272,660,000
67	Isabella 2 Wind Park	17,502,075	-	-
68	Line Extension	1,123,510	6,884,558	-
69	Line Sensors Fault Locating	5,812,256	77,774	1,090,000

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
<p align="center">CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)</p>				
<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
70	Loss of Voltage Relay	1,900,892	-	-
71	Ludington Overhaul and Upgrade	67,171,617	65,110,585	13,960,000
72	Ludington Projects	8,170,181	-	-
73	MEP Fermi 2 Boraflex Fuel Storage Racks	9,211,211	-	14,860,000
74	MEP Fermi 2 Drywell Coolers	2,560,670	-	3,370,000
75	MEP Fermi 2 Drywell Coolers	1,107,533	-	3,750,000
76	MEP Fermi 2 Intake Groin Replacement	7,301,781	-	-
77	MEP Fermi 2 IPCS Replacement	23,328,134	-	10,070,000
78	MEP Fermi 2 License Generator Excitation AVR	3,975,069	-	4,250,000
79	MEP Fermi 2 License Renewal Implementation	9,381,557	-	36,722,000
80	MEP Fermi 2 Main Unit Generator	65,827,328	-	42,280,000
81	MEP Fermi 2 Safety Service Water	19,470,527	-	-
82	MEP Fermi 2 TIP System Replacement	5,183,028	-	850,000
83	MEP Fermi 2 VAS Replacement	3,317,523	-	13,710,000
84	Meters	8,799,951	1,173,136	-
85	Monroe Power Plan Dry Ash Conversion	1,182,327	-	-
86	Monroe Power Plan Effluent Limitation Guidelines	6,455,895	-	154,800,000
87	Monroe Power Plan Impoundment Closure	9,646,451	-	2,230,000
88	Monroe Power Plant FS 480V Breaker Replacement	2,958,257	-	-
89	Monroe Power Plant FS 4160V Contactor Replacement	1,065,681	-	-
90	Monroe Power Plant FS Control System Upgrade	23,791,251	-	-
91	Monroe Power Plant NERC CIP Segm. of DCS	1,369,432	-	-
92	Monroe Power Plant Oily Waste Treatment System	1,080,373	-	-
93	Monroe Power Plant U2 SCR Catalyst L3 Replace	1,663,491	-	-
94	Monroe Power Plant Unit 1 & 2 Side Relay House Cable	1,277,957	-	-
95	Monroe Power Plant Unit 1 SCR Catalyst L3	1,495,847	-	-
96	Monroe Power Plant Unit 4 Generator Stator Rewind	5,392,857	-	-
97	NAEC Customer Service Renovation	4,937,192	-	3,075,439
98	Network Management System	11,989,150	-	5,430,000
99	New Technology Pilots	2,671,484	-	130,000
100	Nitrogen Gas Cable Replacement Program	1,082,372	-	-
101	NOC WTI	2,242,153	-	-

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
<p align="center">CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)</p>				
<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
102	NW ROCHR1838 Circuit Renewal	1,716,211	-	-
103	OBA WTI	1,063,841	-	-
104	Off Gas Chiller Replacement	2,769,078	-	-
105	Oil Circuit Breaker Replacement	1,881,460	-	-
106	OSB WTI	2,740,864	-	-
107	Peakers Belle River 13 1 Major Overhaul	4,165,982	-	-
108	Peakers Superior Control Systems	1,176,797	-	-
109	Peerless Metal	2,225,928	-	14,029
110	PF 123 AM Foundational Capability	1,497,777	-	-
111	PF IT 058 AMI_FCS Sustain	1,541,942	-	-
112	PF IT 088 Maximo Sustainment	2,249,351	-	-
113	PF IT 094 DO Sustainment	1,815,871	-	-
114	PF MEP 061 ECM Documentum Replace	2,963,247	-	-
115	PF MEP 119 FSM ClickSoft for EFO	1,644,862	-	-
116	PF MEP 131 eSOMS Clearances (FERMI)	1,130,668	-	-
117	Phase 3 Gang Operated Disconnects Replacement	1,203,197	176,443	486,000
118	Physical Access Control System	7,064,922	-	4,544,000
119	Plant Radios Phase 2	2,285,511	-	-
120	PMP12506_WSC Machine Shop Equip	1,551,815	-	-
121	Polaris	1,646,990	-	261,050,000
122	Pole Top Maintenance Replacements	12,335,925	8,505,646	-
123	Pontiac Service Center aka Waterford SC	2,962,143	-	38,355,148
124	Portable Equipment and Distribution Generators	6,998,458	80,819	-
125	Program Integrated Environment	2,447,343	-	-
126	Public Lighting Distribution System	9,993,324	35,552,039	69,070,000
127	Quaker Transformer Upgrade	3,566,009	-	1,572,846
128	RB5 Kelly Building Renovation	1,535,054	-	-
129	Services	1,780,678	3,885,237	-
130	SI IT 001 Emergent	5,611,934	-	-
131	SI IT 005 Endpoint EOL Electric	3,134,657	-	-
132	SI IT 013 Network AMI Enhance Support	2,352,458	-	-
133	SI IT 025 Network Data Center	1,282,678	-	-
134	SI IT 035 Production Growth	11,001,929	-	-
135	SI IT 037 EOL Asset Replacements	1,701,115	-	-
136	SI IT 052 Security Infrastructure & Growth	2,066,333	-	-
137	Simulator Components Install	1,864,338	-	-
138	Spent Fuel Storage Casks	1,232,961	-	-
139	Storm	24,925,688	15,977,467	-

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
<p align="center">CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)</p>				
<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
140	Streetlight Post Replacement	1,133,254	313,258	-
141	Subtrans APTS Switch Rep Program	1,126,374	198,304	-
142	SW DUBLN8205 Circuit Renewal	1,305,530	-	-
143	Conductors and Devices Cables	1,266,332	-	-
144	TIRMN 4.8kV Hardening	1,442,628	696,605	1,774,678
145	Torus Recoating	9,477,808	-	64,000,000
146	Transformer and Voltage Study	2,162,883	-	10,000,000
147	Unit 4 SSH Inlet Pendants Replacement	3,592,598	-	-
148	University of Michigan Service Improvement	38,697,126	18,019,117	-
149	Valeo Control	2,318,117	120,785	1,257,335
150	Valve Replacements	2,033,557	1,047,707	-
151	Warren Relay Pnl Repl	6,652,348	-	-
152	WCB Hi and Low Rise Elevator Controls	2,431,577	-	835,444
153	WCB 8 Workplace Transformation Initiative	2,739,959	-	1,679,283
154	Windows 10 Enterprise Deployment	1,787,053	-	-
155	Budget Batteries and Chargers	1,390,968	364,728	-
156	Budget Failures Major Equipment	5,356,578	2,867,046	-
157	Budget Failures Minor Equipment	9,326,663	2,552,935	-
158	Budget Failures Transfer Regulators	3,358,825	2,148,735	-
159	Zenon	8,084,482	2,207,166	560,000
160	Zero Degree Access Hole Cover	1,384,487	-	-
161	AMI DTE Electric	-	2,447,631	-
162	APPOL 4.8kV Hardening	-	1,315,160	344,414
163	Ariel Substation	-	9,051,236	-
164	BCD 005 Customer Turnon Identificatio	-	1,915,443	-
165	BCD CS Collective Billing Enhancement	-	2,871,680	-
166	Belle River Power Plant Perimeter Fence Upgrade Proj	-	1,072,915	-
167	Belle River Power Plant Unit 1 Waterwall Replacement	-	4,711,414	-
168	Capital Support Staff Allocations	7,090	1,114,818	-
169	CL Capital Material and Labor	-	4,092,923	-
170	CS 034 IT BRM Billing and Metering	-	1,249,226	-
171	CS 060 Payment Transformation Strat	-	25,944,365	-
172	CTG Tank Replacement	-	6,099,838	-
173	Customer Experiencing Multiple Interruptions Program	314,402	6,470,459	-
174	CYBER SECURITY Module 2	-	1,433,917	-
175	DCOE Network Segmentation	-	1,122,239	-
176	Distribution Operations Corporate	-	8,297,550	-
177	DSM PCT	-	3,619,012	-

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
<p align="center">CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)</p>				
<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
178	EDG SW Pumps	-	1,260,369	-
179	Energy Generation	-	1,105,576	-
180	Energy Optimizaion Candl Non Prescriptive Inc	-	2,927,072	-
181	Energy Optimizaion Candl Prescriptive Imp	-	1,904,400	-
182	Energy Optimizaion Candl Prescriptive Inc	-	9,872,929	-
183	ERUC Trouble Emergent UG Outage	2,830	15,416,049	-
184	ERUC Trouble Reactive UG Followup	-	1,132,120	-
185	ERUC Trouble UG Requests For Shutdowns	-	16,300,628	-
186	Field Service Management System	-	4,004,883	-
187	Fleet Electric Distribution Operations	-	4,664,880	-
188	Fuyao New Class I Substation	-	1,890,359	-
189	General Operations Standpipe and Fire Pump Upgrade	-	1,100,909	-
190	General Operations Tunnel Safety Fix and Renovation	-	2,300,079	249,040
191	Gratiot OandM Building Expansion	-	4,792,218	30,000
192	Greenwood PPA DCS Computer Upgrade	-	1,104,168	-
193	Grile Circuit Renewal	-	3,080,197	-
194	HAMBG9943 Circuit Renewal	205,093	1,029,786	-
195	Hilton Substation	284,399	7,991,117	3,300,000
196	Ludington New Reservoir Access Ramp	-	1,694,271	-
197	Ludington Transformers Bank 1	-	5,077,080	-
198	Ludington Transformers Bank 2	-	4,665,309	147,000
199	Ludington Units 1 and 2 Switchgear	-	1,337,440	-
200	Ludington Units 3 and 4 Switchgear	-	1,247,834	-
201	Maxwell Amherst Transformer	-	2,581,592	-
202	MEP Fermi 2 120 kV Control and Protection Upgrade	-	17,051,598	150,000
203	MEP Fermi 2 D1100 General Atomic Sorrento Replacement	-	2,710,839	-
204	MEP Fermi 2 Isophase Bus Duct SPV	-	3,586,787	10,000
205	MEP Fermi 2 Open Phase Transformer 1	-	3,249,381	20,000
206	Monroe Power Plant Generic Pumps	-	2,728,841	-
207	Monroe Power Plant Generic Valves	-	2,402,482	-
208	Monroe Power Plant Generic Motors	-	1,692,079	-

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
<p align="center">CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED - ELECTRIC (Accounts 107 and 106)</p>				
<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
209	Monroe Power Plant Generic Tools	-	2,456,743	-
210	Monroe Power Plant DC4 Dust collection system	-	2,132,180	-
211	Monroe Power Plant DC5 Dust collection system	-	2,103,729	-
212	Monroe Power Plant Fly Ash Basin Slope Replaceme	-	3,144,461	64,722
213	Monroe Power Plant Unit 3 and 4 Cascade Counterweight	-	1,389,374	-
214	Monroe Power Plant Unit 3 and 4 Control Room OS and Software	-	1,142,566	-
215	Monroe Power Plant Unit 3 CM1andCM2 Silo Restoration	-	2,246,488	-
216	Monroe Power Plant Unit 3 Expansion Joint Replacemen	-	3,081,248	-
217	Monroe Power Plant Unit 3 Horizontal Reheater Tube	-	1,497,163	-
218	Monroe Power Plant Unit 3 LPA and LPB CROSSOVER	-	2,904,279	-
219	Monroe Power Plant Unit 3 Main Condenser Retube West	-	3,643,440	-
220	Monroe Power Plant Unit 3 North and South FGD Bouster Fan Hub and Blade Rep	-	1,735,273	-
221	Monroe Power Plant Unit 3 SCR Catalyst L2 L4 Replace	-	6,612,092	-
222	Monroe Power Plant Unit 3 Waterwall Replacement	-	15,155,511	-
223	NERC CIP Phase 2 NERC CIP LI Exceptions	-	1,219,735	1,900,000
224	Peakers BR 12 1, 12 2, 13 1 CEMS	-	1,227,064	-
225	Peakers FERMI 11 2 Stator Rewind	-	1,864,766	-
226	Peakers North East Controls	-	4,119,198	-
227	Peakers REN Spare Main Unit Transform	-	2,609,861	-
228	Peakers REN Unit 1 Exhaust Baffle Replace	-	1,323,984	-
229	Peakers Unit 3 Ren Combustion Overhaul	-	1,356,863	-
230	PF 076 FosGen Documentum ECM Upgrad	-	4,562,579	-
231	Pine River	-	260,232,826	450,000
232	Plymouth Reliability	83,153	1,807,107	-
233	PMP 13790 Ford CHP ConGen Facility	-	62,490,509	-
234	Porcelain Cutout Replacement Program	911,089	1,358,395	-
235	Pre Outage Capital Spend Install	-	1,425,730	-
236	Print Room Capital	-	4,107,028	-
237	Railcar Rebuild	-	1,002,027	-
238	Regional Asset Health Improvement Budget	627,537	1,517,108	1,000,000
239	Relocations	563,072	1,217,320	-
240	Replacement Main Steam Bypass Valve	9,105	1,137,288	-
241	Repurpose Deconductoring Room	-	1,916,876	-

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<p>1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service, explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.</p> <p>2. The information specified by this schedule for Account 106, Completed Construction</p>		<p>Not Classified-Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 204-211, according to a tentative classification by primary accounts.</p> <p>3. Show items relating to "research and development" projects last under a caption Research and Development (See Account 107, Uniform System of Accounts).</p> <p>4. Minor projects may be grouped.</p>		
Line No.	Description of Project (a)	Construction Work in Progress-Electric (Account 107) (b)	Completed Construction Not Classified-Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
242	SIXMI 4.8kV Hardening	-	1,566,779	-
243	Community Lighting South West Region	243,170	1,173,976	-
244	St. Clair Power Plant 12602 U7 Fire Controls and Mont Equip	-	4,160,068	-
245	St. Clair Power Plant 12635 U7 MTG LP1 Turbine Restoration	-	7,766,639	-
246	St. Clair Power Plant fire Replacement Equipment	-	10,970,813	-
247	Substation Facilities	558,227	1,302,121	-
248	Unit 1 Coal Silos 1 5, 1 4, and 1 2	-	3,326,264	-
249	Unit 3 SSH Inlet Pendants Replacement	-	11,865,368	-
250	UPS A and B Replacements	-	2,589,681	150,000
251	Volt Breakers Install	71,882	1,592,308	-
252	WCB 11 Workplace Transformation Initiative	-	3,829,466	-
253	Workplace Transformation Initiative	-	6,090,869	-
254	WSC Bldg. G Replace Electrical Infrastructure	-	7,280,181	617,269
255	WSC Bldg. H Renovation and Relocation	-	11,572,681	233,319
256	WSC Bldg. W 100 Renovation	-	1,482,739	-
257	Tie 4104 Reconductoring	(206)	5,151,552	720,000
258	General Operations 6 Workplace Transformation Initiative	(98,921)	4,605,035	-
259	Mount Elliot Bridge Relocation	(136,752)	1,035,574	-
260	DSM IAC	(5,519,316)	9,790,820	-
261	Minor Projects	159,777,006	164,473,733	1,112,830,356
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273				
274	Projects with blank future spend are routine capital projects. Projects included in Completed Construction Not Classified-Electric (Account 106) have not been classified as plant in service due to pending final review of charges and accounts.			
275				
276	TOTAL	1,547,447,865	1,144,597,682	2,991,966,125

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
CONSTRUCTION OVERHEADS - ELECTRIC			
<p>1. List in column (a) the kinds of overheads according to the titles used by the respondent. Charges for outside professional services for engineering fees and management or supervision fees capitalized should be shown as separate items.</p> <p>2. On page 218 furnish information concerning construction overheads.</p> <p>3. A respondent should not report "none" to this page if no overhead apportionments are made, but rather</p>		<p>should explain on page 218 the accounting procedures employed and the amounts of engineering, supervision and administrative costs, etc., which are directly charged to construction.</p> <p>4. Enter on this page engineering, supervision, administrative, and allowance for funds used during construction, etc., which are first assigned to a blanket work order and then prorated to construction jobs.</p>	
Line No.	Description of Overhead (a)	Total Amount Charged for the Year (b)	
1	General Administration Capitalized	\$	75,958,285
2	Allowance for Funds Used During Construction		31,693,226
3	Employee Life and Medical Insurance, Pensions, and Savings Plan Expense		80,619,882
4	Engineering, Drafting, and Design		77,842,805
5	Payroll, Property, and Use Taxes		20,844,615
6	Tools and Other Construction		37,403,876
7	Supervision		41,576,593
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39	TOTAL	\$	365,939,282

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
GENERAL DESCRIPTION OF CONSTRUCTION OVERHEAD PROCEDURE			
<p>1. For each construction overhead explain: (a) the nature and extent of work, etc., the overhead charges are intended to cover, (b) the general procedure for determining the amount capitalized, (c) the method of distribution to construction jobs, (d) whether different rates are applied to different types of construction, (e) basis of differentiation in rates for different types of construction, and (f) whether the overhead is directly or indirectly assigned.</p> <p>2. Show below the computation of allowance for funds used during construction rates, if those differ from the overall rate of return authorized by the Michigan Public Service Commission.</p>			
<p><u>General Administration Capitalized</u></p> <p>Costs of certain administrative departments (i.e. Legal, Corporate Resources, Corporate Planning) are capitalized monthly based on annual estimates of how much work is applicable to construction work in progress. Amounts capitalized are initially debited to a blanket work order (Account 107). These charges are then transferred to construction work orders based on the current month's charges to these construction work orders.</p>			
<p><u>Supervision</u></p> <p>Includes time and expenses of Company employees devoted to the design, planning and supervision of construction jobs.</p>			
<p><u>Allowance for Funds Used During Construction (A.F.U.D.C.)</u></p> <p>An allowance for funds used during construction is computed monthly by applying the A.F.U.D.C. rate to accumulated expenditures for specific major projects of all classes of property. The A.F.U.D.C. rate is equivalent to the most recently authorized overall rate of return as approved by the Michigan Public Service Commission. The composite A.F.U.D.C. rate in effect from Jan 01- May 8 2019 was 5.34% (U-18255 Authorized) and from May 9 - Dec. 31 2019 was 5.48% (U-20162 Authorized).</p>			
<p><u>Employee Life and Medical Insurance, Pensions, and Savings Plan Expense</u></p> <p>Pensions, employee savings plans, payroll taxes, insurance, incentives and accrued vacations are capitalized and charged with labor as a direct.</p>			
<p><u>Engineering, Drafting, and Design</u></p> <p>Engineering, drafting and design, tools and other construction costs are charged to an overhead account and allocated over the assets constructed upon completion.</p>			
<p><u>Payroll, Property, and Use Taxes</u></p> <p>Capitalization of property taxes: the appropriate property tax is applied to the previous year and construction work in progress property tax base to develop an annual estimate for property taxes to be capitalized; and appropriate amount is journalized each month.</p>			
<p><u>Tools and Other Construction</u></p> <p>Other is any other miscellaneous overhead costs.</p>			
<p>Note: See Page 217 for amounts capitalized.</p>			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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ACCUMULATED PROVISION FOR DEPRECIATION OF ELECTRIC UTILITY PLANT (Account 108)

1. Explain in a footnote any important adjustments during year.
2. Explain in a footnote any difference between the amount for book cost of plant retired, Line 11, column (c), and that reported for electric plant in service, pages 204-207, column 9d), excluding retirements of non-depreciable property.
3. The provisions of Account 108 in the Uniform System of accounts require that retirements of depreciable plant be recorded when such plant is removed from service. If the respondent has a significant amount of plant retired at year end which has not been recorded and/or classified to the various reserve functional classifications, make preliminary closing entries to tentatively functionalize the book cost of the plant retired. In addition, include all costs included in retirement work in progress at year end in the appropriate functional classifications.
4. Show separately interest credits under a sinking fund or similar method of depreciation accounting.

Section A. Balances and Changes During Year

Line No.	Item (a)	Total (c+d+e) (b)	Electric Plant in Service (c)	Electric Plant Held for Future Use (d)	Electric Plant Leased to Others (e)
1	Balance Beginning of Year	7,638,679,804	7,638,679,804		
2	Depreciation Provisions for Year, Charged to				
3	(403) Depreciation Expense	782,748,913	782,748,913		
4	(403.1) Depreciation Expense for Asset Retirement Costs	10,354,076	10,354,076		
5	(413) Exp. of Elec. Plt. Leas. to Others				
6	Transportation Expenses-Clearing				
7	Other Clearing Accounts				
8	Other Accounts (Specify, details in footnote):				
9	(405) Amortization of Other Electric P	112,230,773	112,230,773		
10	TOTAL Deprec. Prov for Year (Enter Total of lines 3 thru 9)	905,333,762	905,333,762		
11	Net Charges for Plant Retired:				
12	Book Cost of Plant Retired	506,266,506	506,266,506		
13	Cost of Removal	282,928,110	282,928,110		
14	Salvage (Credit)	807,862	807,862		
15	TOTAL Net Chrgs. for Plant Ret. (Enter Total of lines 12 thru 14)	788,386,754	788,386,754		
16	Other Debit or Cr. Items (Describe, details in footnote):	17,262,275	17,262,275		
17					
18	Book Cost or Asset Retirement Costs Retired				
19	Balance End of Year (Enter Totals of lines 1, 10, 15, 16, and 18)	7,772,889,087	7,772,889,087		

Section B. Balances at End of Year According to Functional Classification

20	Steam Production	3,013,879,012	3,013,879,012		
21	Nuclear Production	283,797,271	283,797,271		
22	Hydraulic Production-Conventional				
23	Hydraulic Production-Pumped Storage	174,703,666	174,703,666		
24	Other Production	534,021,220	534,021,220		
25	Transmission	13,377,865	13,377,865		
26	Distribution	3,210,913,937	3,210,913,937		
27	Regional Transmission and Market Operation				
28	General	542,196,116	542,196,116		
29	TOTAL (Enter Total of lines 20 thru 28)	7,772,889,087	7,772,889,087		

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 219 Line No.: 16 Column: c

Notes:

Prov for Depr & Amort Nuclear Decommission	(7,694,109)	Portion of FERC account 403 not in reserve
ARO Adjustments	14,467,484	
River Rouge Disallowance	<u>10,488,900</u>	
Line 16,Col c - Total	17,262,275	

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
NONUTILITY PROPERTY (Account 121)				
1. Give a brief description and state the location of nonutility property included in Account 121.		4. List separately all property previously devoted to public service and give date of transfer to Account 121, Nonutility Property.		
2. Designate with a double asterisk any property which is leased to another company. State name of lessee and whether lessee is an associated company.		5. Minor items (5% of the Balance at the End of the Year for Account 121 or \$100,000, whichever is less) may be grouped by (1) previously devoted to public service, or		
3. Furnish particulars (details) concerning sales, purchases, or transfers of Nonutility Property during the year.		(2) other nonutility property.		
Line No.	Description and Location (a)	Balance at Beginning of Year (b)	Purchases, Sales Transfers, etc. (c)	Balance at End of Year (d)
1	Taylor property, land located in the City of			
2	Taylor, transferred from Account 350 F in			
3	1975 (22.816 acres).	211,709		211,709
4				
5	Taylor Station and Substation Site, land in			
6	the City of Taylor, transferred from Account			
7	350 F in 1980 (25 acres).	210,323		210,323
8				
9	Fayette Station Site, land located in the City			
10	of Detroit, transferred from Account 350 F in			
11	1991 (5.681 acres).	157,955		157,955
12				
13	Malta Substation Site, land located in			
14	the City of Sterling Heights, transferred from			
15	Account 360 A in 1987 (10.0 acres).	343,500		343,500
16				
17	Delray Power Plant Site, land located in			
18	the City of Detroit, transferred from Account			
19	310 A in 1987 (32.475 acres). Fence cost			
20	transferred from Account 311 A in 1988.			
21	Sold 17.3 acres in 1998. Sold 0.143 acres			
22	in 2003.	327,548		327,548
23				
24	Trenton Channel Power Plant Site,			
25	land in the City of Trenton, transferred from			
26	Account 310 F in 1988 (28 acres).	126,811		126,811
27				
28	Yukon Station Site, land located in			
29	Armada Township, transferred from Account			
30	350 F in 1989 (103.869 acres). Adjustment			
31	made in 1994 to reflect actual cost			
32	transferred from Account 350 F for land			
33	reclassified in 1990.	249,911		249,911
34				
35				

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
NONUTILITY PROPERTY (Account 121) continued				
1. Give a brief description and state the location of nonutility property included in Account 121.		4. List separately all property previously devoted to public service and give date of transfer to Account 121, Nonutility Property.		
2. Designate with a double asterisk any property which is leased to another company. State name of lessee and whether lessee is an associated company.		5. Minor items (5% of the Balance at the End of the Year for Account 121 or \$100,000, whichever is less) may be grouped by (1) previously devoted to public service, or (2) other nonutility property.		
3. Furnish particulars (details) concerning sales, purchases, or transfers of Nonutility Property during the year.				
Line No.	Description and Location (a)	Balance at Beginning of Year (b)	Purchases, Sales Transfers, etc. (c)	Balance at End of Year (d)
36	Conners Creek Power Plant, land			
37	located in the City of Detroit, transferred			
38	from Account 310 A in 2011 (68.826 acres).	795,999		795,999
39				
40	Northfield Service Center Site, land located			
41	in Northfield Township, transferred from			
42	Account 389 F in 2011 (26 acres).	322,499		322,499
43				
44	Belle River Fly Ash Site, land located			
45	in China Township, transferred from			
46	Account 310 F in 2011.	1,223,102		1,223,102
47				
48	Greenwood Site, land located in the			
49	Greenwood Township, transferred from			
50	Account 310 F in 2011.	888,449		888,449
51				
52	Ventura Station Site, land located in the			
53	Village of Milford, transferred from			
54	Account 360 F in 2011.	103,764		103,764
55				
56	Sylvan Station Site, land located in the			
57	City of Orchard Lake, transferred from			
58	Account 360 F in 2011.	124,562		124,562
59				
60	Harbor Beach Power Plant, land			
61	located in Harbor Beach, transferred from			
62	Account 310 A in 2014,	149,191	(149,191)	0
63				
64	Minor Item-Previously Devoted to Public Service	367,105		367,105
65	Minor Items-Other Nonutility Property	321,236		321,236
66				
67				
68				
69				
70				
71				
72	TOTAL	5,923,664	(149,191)	5,774,473

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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**ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF
NONUTILITY PROPERTY (Account 122)**

Report below the information called for concerning depreciation and amortization of nonutility property.

Line No.	Item (a)	Amount (b)
1	Balance, Beginning of Year	0
2	Accruals for Year, Charged to	
3	(417) Income from Nonutility Operations	
4	(418) Nonoperating Rental Income	
5	Other Accounts (Specify):	
6		
7	TOTAL Accruals for Year (Enter Total of lines 3 thru 6)	0
8	Net Charges for Plant Retired:	
9	Book Cost of Plant Retired	
10	Cost of Removal	0
11	Salvage (Credit)	
12	TOTAL Net Charges (Enter Total of lines 9 thru 11)	0
13	Other Debit or Credit Items (Describe):	
14		
15	Balance, End of Year (Enter Total of lines 1, 7, 12, and 14)	0

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
INVESTMENTS (Accounts 123, 124, 136)				
<p>1. Report below the investments in Accounts 123, <i>Investments in Associated Companies</i>, 124, <i>Other Investment</i>, and 136, <i>Temporary Cash Investments</i>.</p> <p>2. Provide a subheading for each account and list thereunder the information called for:</p> <p>(a) Investment in securities - List and describe each security owned, giving name of user, date acquired and date of maturity. For bonds, also give principal amount, date of issue, maturity, and interest rate. For capital stock (including capital stock of respondent reacquired under a definite plan for resale pursuant to authorization by the Board of Directors, and included</p> <p>in Account 124, <i>Other Investments</i>), state number of shares, class, and series of stock. Minor investments may be grouped by classes. Investments included in Account 136, <i>Temporary Cash Investments</i>, also may be grouped by classes.</p> <p>(b) Investment Advances-Report separately for each person or company the amounts of loans or investment advances which are properly includable in Account 123. Advances subject to current repayment should be included in Accounts 145 and 146. With respect to each advance, show whether the advance is a note or an open account. Each note should be</p>				
Line No.	Description of Investment (a)	Book Cost at Beginning of Year (If book cost is different from cost to respondent, give cost to respondent in a footnote and explain difference) (b) Original Cost Book Value		Purchases or Additions During Year (c)
1	<u>Account 123</u>			
2	Investments in Associated Companies	-	-	-
3				
4	<u>Account 124</u>			
5	Energy Insurance LTD.	-	27,373,042	4,879,573
6	Mutual Business Program No.5			
7	Advance made in May 1993			
8				
9	Detroit Investment Fund	-	3,622,271	99,476
10	Contribution made in May 1995			
11				
12	Total Account 124	-	30,995,313	4,979,049
13				
14	<u>Account 136</u>			
15	Temporary Cash Investments	-	-	-
16				
17				
18				
19				
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4		
INVESTMENTS (Accounts 123, 124, 136) (Cont'd)					
listed giving date of issuance, maturity date, and specifying whether note is a renewal. Designate any advances due from officers, directors, stockholders, or employees. Exclude amounts reported on page 229. 3. For any securities, notes or accounts that were pledged, designate with an asterisk such securities, notes, or accounts and in a footnote state the name of pledgee and purpose of the pledge. 4. If Commission approval was required for any advance made or security acquired, designate such fact in a footnote and give name of Commission, date of		authorization, and case or docket number. 5. Report in column (g) interest and dividend revenues from investments including such revenues from securities disposed of during the year. 6. In column (h) report for each investment disposed of during the year the gain or loss represented by the difference between cost of the investment (or the other amount at which carried in the books of account if different from cost) and the selling price thereof, not including any dividend or interest adjustment includible in column (g).			
Sales or Other Dispositions During Year (d)	Principal Amount or No. of Shares at End of Year (e)	Book Cost at End of Year (If book cost is different from cost to respondent, give cost to respondent in a footnote and explain difference) (f) Original Cost Book Value	Revenues for Year (g)	Gain on Loss from Investment Disposed of (h)	Line No.
-	-	-	-	-	1
-	32,252,615	-	32,252,615	-	2
-	3,721,747	-	3,721,747	-	3
-	35,974,362	-	35,974,362	-	4
-	-	-	-	-	5
-	-	-	-	-	6
-	-	-	-	-	7
-	-	-	-	-	8
-	-	-	-	-	9
-	-	-	-	-	10
-	-	-	-	-	11
-	-	-	-	-	12
-	-	-	-	-	13
-	-	-	-	-	14
-	-	-	-	-	15
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-	-	-	-	-	26
-	-	-	-	-	27
-	-	-	-	-	28
-	-	-	-	-	29
-	-	-	-	-	30

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1)

1. Report below investments in Accounts 123.1, investments in Subsidiary Companies.
2. Provide a subheading for each company and List there under the information called for below. Sub - TOTAL by company and give a TOTAL in columns (e),(f),(g) and (h)
(a) Investment in Securities - List and describe each security owned. For bonds give also principal amount, date of issue, maturity and interest rate.
(b) Investment Advances - Report separately the amounts of loans or investment advances which are subject to repayment, but which are not subject to current settlement. With respect to each advance show whether the advance is a note or open account. List each note giving date of issuance, maturity date, and specifying whether note is a renewal.
3. Report separately the equity in undistributed subsidiary earnings since acquisition. The TOTAL in column (e) should equal the amount entered for Account 418.1.

Line No.	Description of Investment (a)	Date Acquired (b)	Date Of Maturity (c)	Amount of Investment at Beginning of Year (d)
1	The Edison Illuminating Company	12/31/1935		
2	Common Stock			196,500
3	Retained Earnings			-59,675
4	Subtotal			136,825
5				
6				
7	St Clair Energy Corporation	12/31/1907		
8	Common Stock			816
9	Retained Earnings			-3,432
10	Subtotal			-2,616
11				
12				
13	Midwest Energy Resources Company	12/31/1974		
14	Common Stock			1,000
15	Retained Earnings			343
16	Subtotal			1,343
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42	Total Cost of Account 123.1 \$	0	TOTAL	135,552

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1) (Continued)

4. For any securities, notes, or accounts that were pledged designate such securities, notes, or accounts in a footnote, and state the name of pledgee and purpose of the pledge.
5. If Commission approval was required for any advance made or security acquired, designate such fact in a footnote and give name of Commission, date of authorization, and case or docket number.
6. Report column (f) interest and dividend revenues from investments, including such revenues from securities disposed of during the year.
7. In column (h) report for each investment disposed of during the year, the gain or loss represented by the difference between cost of the investment (or the other amount at which carried in the books of account if difference from cost) and the selling price thereof, not including interest adjustment includible in column (f).
8. Report on Line 42, column (a) the TOTAL cost of Account 123.1

Equity in Subsidiary Earnings of Year (e)	Revenues for Year (f)	Amount of Investment at End of Year (g)	Gain or Loss from Investment Disposed of (h)	Line No.
				1
		196,500		2
		-59,675		3
		136,825		4
				5
				6
				7
		816		8
-1,014		-4,446		9
-1,014		-3,630		10
				11
				12
				13
		1,000		14
-12,361		-12,018		15
-12,361		-11,018		16
				17
				18
				19
				20
				21
				22
				23
				24
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				41
-13,375		122,177		42

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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NOTES AND ACCOUNTS RECEIVABLE SUMMARY FOR BALANCE SHEET

Show separately by footnote the total amount of notes and accounts receivable from directors, officers, and employees included in Notes Receivable (Account 141) and Other Accounts Receivable (Account 143).

Line No.	Accounts (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Notes Receivable (Account 141)	5,500,000	3,445,800
2	Customer Accounts Receivable (Account 142)	538,435,615	511,269,457
3	Other Accounts Receivable (Account 143) (1) (Disclose any capital stock subscriptions received)	54,822,127	41,610,347
4	TOTAL	598,757,742	556,325,604
5	Less: Accumulated Provision for Uncollectible Accounts-Cr. (Account 144)	52,930,842	46,157,142
6	TOTAL, Less Accumulated Provision for Uncollectible Accounts	545,826,900	510,168,462
7			
8			
9			
10	(1) Includes amounts receivable from Employees	61,815	175,066
11			
12			
13			
14			

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNT-CR. (Account 144)

- Report below the information called for concerning this accumulated provision.
- Explain any important adjustments of subaccounts.
- Entries with respect to officers and employees shall not include items for utility services.

Line No.	Item (a)	Utility Customers (b)	Merchandise Jobbing and Contract Work (c)	Officers and Employees (d)	Other (e)	Total (f)
1	Balance beginning of year	52,145,447			785,395	52,930,842
2	Provision for uncollectibles for current year (2)	63,350,624			1,668,603	65,019,227
3	Account written off (less)	(105,647,254)			(1,917,094)	(107,564,348)
4	Collection of accounts written off	35,654,832			116,589	35,771,421
5	Adjustments (explain):					
6	Balance end of year	45,503,649			653,493	46,157,142
7	(2) The uncollectible provision per the balance sheet does not include direct expense charged to the income statement, which is primarily related to low income match write offs:					
8						
9	Provision for uncollectibles	63,350,624				
10	Directly charged to expense	2,944,560				
11	Uncollectibles Expense (acct 904)	66,295,183				

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146)						
1. Report particulars of notes and accounts receivable from associated companies* at end of year.			4. If any note was received in satisfaction of an open account, state the period covered by such open account.			
2. Provide separate headings and totals for Accounts 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.			5. Include in column (f) interest recorded as income during the year including interest on accounts and notes held at any time during the year.			
3. For notes receivable, list each note separately and state purpose for which received. Show also in column (a) date of note, date of maturity and interest rate.			6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.			
<p>* NOTE: "Associated companies" means companies or persons that, directly or indirectly, through one or more intermediaries, control, or are controlled by, or are under common control with, the account company. This includes related parties.</p> <p>"Control" (including the terms "controlling," "controlled by," and "under common control with") means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of a company, whether such power is exercised through one or more intermediary companies, or alone, or in conjunction with, or pursuant to an agreement, and whether such power is established through a majority or minority ownership or voting of securities, common directors, officers or stockholders, voting trusts, holding trusts, associated companies, contract or any other direct or indirect means.</p>						
Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest for Year (f)
			Debits (c)	Credits (d)		
1	Account 145					
2	DTE Energy Company	-	-	-	-	608,472
3	Midwest Energy Resources Company	6,679,488	-	6,679,488	-	74,558
4	Total Notes Receivable	6,679,488	-	6,679,488	-	683,030
Note: Note Receivable to Associated Companies arise from the Inter-Company Loan Agreement Purpose: To provide a line of credit to associated companies. Maturity Date: N/A Interest Rate: Adjusted monthly based on the prior month commercial paper market rate. December 2019 rate 1.9143%						
5	Account 146					
6	DTE Energy Company	284,671	8,773,041	-	9,057,712	
7	DTE Energy Resources, LLC	2,925	-	2,925	-	
8	DTE Biomass Energy, Inc	29,073	-	29,073	-	
9	DTE Coke Holdings, LLC	34,587	-	13,325	21,262	
10	DTE Energy Trading	109,569	-	109,569	-	
11	DTE Generation, Inc	-	1,889	-	1,889	
12	River Rouge Unit No. 1 LLC	495	1,252	-	1,747	
13	DTE Energy Services, Inc.	381,647	-	381,647	-	
14	DTE PCI Enterprises Co	1,177,580	-	956,100	221,480	
15	EES Coke Battery, LLC	36,350	-	36,350	-	
16	DTE ES Operations, LLC	2,295	-	2,295	-	
17	Metro Energy, LLC	494,583	10,536	-	505,119	
18	Midwest Energy Resources Company	19,570	-	19,570	-	
19	St. Clair Energy Company	3,791	-	162	3,629	
20	Belle River Fuels Co., LLC	7,418,815	-	1,060,878	6,357,937	
21	St. Clair Fuels Co., LLC	837,474	-	813,979	23,495	
22	DTE Energy Ventures Inc.	3,740	-	-	3,740	
23	DTE Gas Company	17,716,149	-	17,247,556	468,593	
24	Citizens Gas Fuel Co	11,084	-	11,084	-	
25	DTE Gas Enterprises, LLC	1,965	-	1,965	-	

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146) (Continued)

- | | |
|---|---|
| <p>1. Report particulars of notes and accounts receivable from associated companies* at end of year.</p> <p>2. Provide separate headings and totals for Accounts 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.</p> <p>3. For notes receivable, list each note separately and state purpose for which received. Show also in column (a) date of note, date of maturity and interest rate.</p> | <p>4. If any note was received in satisfaction of an open account, state the period covered by such open account.</p> <p>5. Include in column (f) interest recorded as income during the year including interest on accounts and notes held at any time during the year.</p> <p>6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.</p> |
|---|---|

* NOTE: "Associated companies" means companies or persons that, directly or indirectly, through one or more intermediaries, control, or are controlled by, or are under common control with, the account company. This includes related parties.

"Control" (including the terms "controlling," "controlled by," and "under common control with") means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of a company, whether such power is exercised through one or more intermediary companies, or alone, or in conjunction with, or pursuant to an agreement, and whether such power is established through a majority or minority ownership or voting of securities, common directors, officers or stockholders, voting trusts, holding trusts, associated companies, contract or any other direct or indirect means.

Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest for Year (f)
			Debits (c)	Credits (d)		
26	DTE Pipeline Co	339,655	-	332,687	6,968	
27	DTE Millennium Company	39	-	39	-	
28	DTE Vector Company	30	-	30	-	
29	DTE Gas Storage Co	30,363	-	30,363	-	
30	DTE Gas Services Co	3,863	-	251	3,612	
31	DTE Stockton, LLC	-	2,646	-	2,646	
32	Monroe Fuels Company, LLC	29,610,216	-	4,726,707	24,883,509	
33	DTE Energy Corporate Services LLC	11,182,734	-	11,182,734	-	
34	Bluestone Gas Corp of NY	50	-	50	-	
35	DTE ST. Bernard, LLC	-	11,556	-	11,556	
36	Huron Fuels Co LLC	17,694,311	-	11,928,023	5,766,288	
37	DTE Birdsboro Pipeline	1,389	-	489	900	
38	DTE Sustainable Generation Holdings LLC	-	959,309	-	959,309	
39	Total Accounts Receivable	87,429,013	9,760,229	48,887,851	48,301,391	
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51	TOTAL	94,108,501	9,760,229	55,567,339	48,301,391	683,030

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of <u>2019/Q4</u>
MATERIALS AND SUPPLIES					
<p>1. For Account 154, report the amount of plant materials and operating supplies under the primary functional classifications as indicated in column (a); estimates of amounts by function are acceptable. In column (d), designate the department or departments which use the class of material.</p> <p>2. Give an explanation of important inventory adjustments during the year (in a footnote) showing general classes of material and supplies and the various accounts (operating expenses, clearing accounts, plant, etc.) affected debited or credited. Show separately debit or credits to stores expense clearing, if applicable.</p>					
Line No.	Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Department or Departments which Use Material (d)	
1	Fuel Stock (Account 151)	81,670,923	89,521,893	Electric	
2	Fuel Stock Expenses Undistributed (Account 152)				
3	Residuals and Extracted Products (Account 153)				
4	Plant Materials and Operating Supplies (Account 154)				
5	Assigned to - Construction (Estimated)	64,105,377	67,462,886	Electric	
6	Assigned to - Operations and Maintenance				
7	Production Plant (Estimated)	130,379,274	135,769,448	Electric	
8	Transmission Plant (Estimated)				
9	Distribution Plant (Estimated)	49,169,384	45,295,648	Electric	
10	Regional Transmission and Market Operation Plant (Estimated)				
11	Assigned to - Other (provide details in footnote)				
12	TOTAL Account 154 (Enter Total of lines 5 thru 11)	243,654,035	248,527,982		
13	Merchandise (Account 155)				
14	Other Materials and Supplies (Account 156)				
15	Nuclear Materials Held for Sale (Account 157) (Not applic to Gas Util)				
16	Stores Expense Undistributed (Account 163)	30,457,951	26,964,393		
17					
18					
19					
20	TOTAL Materials and Supplies (Per Balance Sheet)	355,782,909	365,014,268		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)				
1. Report below the information called for concerning production fuel and oil stock. 2. Show quantities in tons of 2000 lb. Barrels (42 gals.) or Mcf., whichever unit of quantity is applicable. 3. Each kind of coal or oil should be shown separately. 4. If the respondent obtained any of its fuel from its own coal mines or oil or gas lands or leases or from		affiliated companies, a statement should be submitted showing the quantity of such fuel so obtained, the quantity used and quantity on hand, and cost of the fuel classified as to the nature of the costs and expenses incurred with appropriate adjustment for the inventories at beginning and end of year.		
Line No.	Item (a)	Total Cost (b)	KINDS OF FUEL AND OIL	
			Coal	
			Quantity (c)	Cost (d)
1	On hand beginning of year	81,670,923	1,942,528	69,291,045
2	Received during year	1,212,249,569	29,465,072	1,115,451,599
3	TOTAL	1,293,920,492	31,407,600	1,184,742,644
4	Used during year (specify department)			
5	Electric Department	642,403,992	14,140,110	544,607,551
6	Non-Generation	144,733	0	0
7				
8				
9				
10				
11				
12				
13				
14				
15	Sold or transferred	561,849,874	15,200,031	561,152,659
16	TOTAL DISPOSED OF	1,204,398,599	29,340,141	1,105,760,210
17	BALANCE END OF YEAR	89,521,893	2,067,459	78,982,434

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)		Year of Report 2019/Q4	
PRODUCTION FUEL AND OIL STOCKS (Included in Account 151 (Continued))							
KINDS OF FUEL AND OIL (Continued)							
No. 2 Oil		No. 6 Oil		Natural Gas			
Quantity (1) (e)	Cost (f)	Quantity (g)	Cost (h)	Quantity (i)	Cost (j)	Line No.	
67,578	5,991,736	50,582	2,527,857	829,391	3,860,285	1	
119,473	9,649,258	5,068	78,171	35,124,636	87,070,541	2	
187,051	15,640,994	55,650	2,606,028	35,954,027	90,930,826	3	
						4	
111,939	9,184,961	9,533	209,992	35,077,087	88,401,488	5	
0	0			51,255	144,733	6	
						7	
						8	
						9	
						10	
						11	
						12	
						13	
						14	
5,414	444,918			91,979	252,297	15	
117,353	9,629,879	9,533	209,992	35,220,321	88,798,518	16	
69,698	6,011,115	46,117	2,396,036	733,706	2,132,308	17	

DTE Electric Company
MPSC Form P521
Page 227 A&B-2019
Statement of Affiliate Transactions

Below is a schedule that indicate the fuel purchases and sales with affiliates for the year 2018

Coal	Monroe Fuels Company, LLC		Belle River Fuels Company, LLC		St. Clair Fuels Company, LLC		Huron Fuels Company		DTE PCI Enterprises Company, LLC		Total	Amt.
	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt.
Purchased	9,014,550	368,156,590	-	-	2,357,841	89,531,964	3,119,620	117,598,844			14,492,011	575,287,398
Consumed	(9,014,550)	(368,156,590)	-	-	(2,357,841)	(89,531,964)	(3,119,620)	(117,598,844)			(14,492,011)	(575,287,398)
Sold	(9,007,332)	(369,993,918)	(2,366,725)	(70,356,145)	-	-	(3,237,759)	(95,899,060)	(32,813)	(2,421,962)	(14,644,629)	(539,671,086)
	DTE PCI Enterprises Company, LLC		DTE Energy Trading, Inc.								Total	
Natural Gas	Qty	Amt	Qty	Amt					Qty		Amt	
Purchased	-	-	9,364	30,900					9,364		30,900	
Consumed	-	-	(9,364)	(30,900)					(9,364)		(30,900)	
Sold	(79,485)	(215,608)							(79,485)		(215,608)	
	EES Coke Battery, LLC										Total	
Coke Oven Gas	Qty	Amt							Qty		Amt	
Purchased	2,820,179	2,287,070							2,820,179		2,287,070	
Consumed	(2,820,179)	(2,287,070)							(2,820,179)		(2,287,070)	
Sold									-		-	
	EES Coke Battery, LLC										Total	
Blast Furnace Gas	Qty	Amt							Qty		Amt	
Purchased	6,271,999	784,143							6,271,999		784,143	
Consumed	(6,271,999)	(784,143)							(6,271,999)		(784,143)	
Sold									-		-	
	DTE Gas Company										Total	
Transportation/Storage Cost	Qty	Amt							Qty		Amt	
Consumption		5,482,000							-		5,482,000	
		(5,482,000)							-		(5,482,000)	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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Allowances (Accounts 158.1 and 158.2)

1. Report below the particulars (details) called for concerning allowances.
2. Report all acquisitions of allowances at cost.
3. Report allowances in accordance with a weighted average cost allocation method and other accounting as prescribed by General Instruction No. 21 in the Uniform System of Accounts.
4. Report the allowances transactions by the period they are first eligible for use: the current year's allowances in columns (b)-(c), allowances for the three succeeding years in columns (d)-(i), starting with the following year, and allowances for the remaining succeeding years in columns (j)-(k).
5. Report on line 4 the Environmental Protection Agency (EPA) issued allowances. Report withheld portions Lines 36-40.

Line No.	SO2 Allowances Inventory (Account 158.1) (a)	Current Year		2020	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	842,806.00	446,436		
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)	282,918.00			
5	Returned by EPA				
6					
7					
8	Purchases/Transfers:				
9					
10					
11					
12					
13					
14					
15	Total				
16					
17	Relinquished During Year:				
18	Charges to Account 509	67,231.00	18,621		
19	Other:				
20					
21	Cost of Sales/Transfers:				
22					
23					
24					
25					
26					
27					
28	Total				
29	Balance-End of Year	1,058,493.00	427,815		
30					
31	Sales:				
32	Net Sales Proceeds(Assoc. Co.)				
33	Net Sales Proceeds (Other)				
34	Gains				
35	Losses				
	Allowances Withheld (Acct 158.2)				
36	Balance-Beginning of Year				
37	Add: Withheld by EPA				
38	Deduct: Returned by EPA				
39	Cost of Sales				
40	Balance-End of Year				
41					
42	Sales:				
43	Net Sales Proceeds (Assoc. Co.)				
44	Net Sales Proceeds (Other)				
45	Gains				
46	Losses				

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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Allowances (Accounts 158.1 and 158.2) (Continued)

6. Report on Lines 5 allowances returned by the EPA. Report on Line 39 the EPA's sales of the withheld allowances. Report on Lines 43-46 the net sales proceeds and gains/losses resulting from the EPA's sale or auction of the withheld allowances.
7. Report on Lines 8-14 the names of vendors/transferrors of allowances acquire and identify associated companies (See "associated company" under "Definitions" in the Uniform System of Accounts).
8. Report on Lines 22 - 27 the name of purchasers/ transferees of allowances disposed of an identify associated companies.
9. Report the net costs and benefits of hedging transactions on a separate line under purchases/transfers and sales/transfers.
10. Report on Lines 32-35 and 43-46 the net sales proceeds and gains or losses from allowance sales.

2021		2022		Future Years		Totals		Line No.
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	
						842,806.00	446,436	1
								2
								3
						282,918.00		4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
						67,231.00	18,621	18
								19
								20
								21
								22
								23
								24
								25
								26
								27
						1,058,493.00	427,815	28
								29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
								42
								43
								44
								45
								46

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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Allowances (Accounts 158.1 and 158.2)

- Report below the particulars (details) called for concerning allowances.
- Report all acquisitions of allowances at cost.
- Report allowances in accordance with a weighted average cost allocation method and other accounting as prescribed by General Instruction No. 21 in the Uniform System of Accounts.
- Report the allowances transactions by the period they are first eligible for use: the current year's allowances in columns (b)-(c), allowances for the three succeeding years in columns (d)-(i), starting with the following year, and allowances for the remaining succeeding years in columns (j)-(k).
- Report on line 4 the Environmental Protection Agency (EPA) issued allowances. Report withheld portions Lines 36-40.

Line No.	NOx Allowances Inventory (Account 158.1) (a)	Current Year		2020	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	9,827.00	6,887		
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)	40,543.00			
5	Returned by EPA				
6					
7					
8	Purchases/Transfers:				
9	Fathom Energy LLC	100.00	22,250		
10					
11					
12					
13					
14					
15	Total	100.00	22,250		
16					
17	Relinquished During Year:				
18	Charges to Account 509	23,835.00	26,291		
19	Other:				
20					
21	Cost of Sales/Transfers:				
22	Fathom Energy LLC	20,000.00			
23					
24					
25					
26					
27					
28	Total	20,000.00			
29	Balance-End of Year	6,635.00	2,846		
30					
31	Sales:				
32	Net Sales Proceeds(Assoc. Co.)				
33	Net Sales Proceeds (Other)	20,000.00	18,500		
34	Gains	20,000.00	18,500		
35	Losses				
	Allowances Withheld (Acct 158.2)				
36	Balance-Beginning of Year				
37	Add: Withheld by EPA				
38	Deduct: Returned by EPA				
39	Cost of Sales				
40	Balance-End of Year				
41					
42	Sales:				
43	Net Sales Proceeds (Assoc. Co.)				
44	Net Sales Proceeds (Other)				
45	Gains				
46	Losses				

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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Allowances (Accounts 158.1 and 158.2) (Continued)

6. Report on Lines 5 allowances returned by the EPA. Report on Line 39 the EPA's sales of the withheld allowances. Report on Lines 43-46 the net sales proceeds and gains/losses resulting from the EPA's sale or auction of the withheld allowances.
7. Report on Lines 8-14 the names of vendors/transferees of allowances acquire and identify associated companies (See "associated company" under "Definitions" in the Uniform System of Accounts).
8. Report on Lines 22 - 27 the name of purchasers/ transferees of allowances disposed of an identify associated companies.
9. Report the net costs and benefits of hedging transactions on a separate line under purchases/transfers and sales/transfers.
10. Report on Lines 32-35 and 43-46 the net sales proceeds and gains or losses from allowance sales.

2021		2022		Future Years		Totals		Line No.
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	
						9,827.00	6,887	1
								2
								3
						40,543.00		4
								5
								6
								7
								8
						100.00	22,250	9
								10
								11
								12
								13
								14
						100.00	22,250	15
								16
								17
						23,835.00	26,291	18
								19
								20
								21
						20,000.00		22
								23
								24
								25
								26
								27
						20,000.00		28
						6,635.00	2,846	29
								30
								31
								32
						20,000.00	18,500	33
						20,000.00	18,500	34
								35
								36
								37
								38
								39
								40
								41
								42
								43
								44
								45
								46

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 228 Line No.: 29 Column: c

Ending Balance Foot Note		
	TOTAL	
NOX Emissions Allowances	\$	2,846
SO2 Emissions Allowances	\$	427,815
Renewable Energy Credits	\$	14,254,140
TOTAL	\$	14,684,801
FERC Account	158.1	
Balance Sheet Page 110 Line	23	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
MISCELLANEOUS CURRENT AND ACCRUED ASSETS (Account 174)			
1. Give description and amount of other current and accrued assets as of the end of year. 2. Minor items may be grouped by classes, showing number of items in each class.			
Line No.	Item (a)	Balance End of Year (b)	
1	Green Currents Renewable Energy Credits	179,441	
2	Current Portion: Regulatory Assets - Power Supply Cost Recovery	2,564,588	
3			
4			
5			
6			
7			
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9			
10			
11			
12			
13			
14			
15			
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19			
20			
21			
22			
23			
24			
25	TOTAL	2,744,029	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)			
1. Report below particulars concerning the cost of plans, surveys, and investigations made for the purpose of determining the feasibility of projects under contemplation.		2. Minor items may be grouped by classes. Show the number of items in each group.	
Line No.	Description and Purpose of Project (a)	Balance Beginning of Year (b)	
1	Renewable Energy Programs	\$	15,857,003
2	Regulated Marketing		3,882
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
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23			
24			
25			
26			
27			
28			
29			
TOTAL		\$	15,860,885

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A resubmission		Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)					
Debits (c)	CREDITS		Balance End of Year (f)	Line No.	
	Account Charged (d)	Amount (e)			
\$ 17,189,942	107,920	\$ 8,463,131	\$ 24,583,814	1	
53,232			57,114	2	
				3	
				4	
				5	
				6	
				7	
				8	
				9	
				10	
				11	
				12	
				13	
				14	
				15	
				16	
				17	
				18	
				19	
				20	
				21	
				22	
				23	
				24	
				25	
				26	
				27	
				28	
				29	
\$ 17,243,174		\$ 8,463,131	\$ 24,640,928	TOTAL	

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4	
OTHER REGULATORY ASSETS (Account 182.3)						
1. Report below the particulars (details) called for concerning other regulatory assets, including rate order docket number, if applicable.						
2. Minor items (5% of the Balance in Account 182.3 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.						
3. For Regulatory Assets being amortized, show period of amortization.						
Line No.	Description and Purpose of Other Regulatory Assets (a)	Balance at Beginning of Current Quarter/Year (b)	Debits (c)	CREDITS		Balance at end of Current Quarter/Year (f)
				Written off During the Quarter /Year Account Charged (d)	Written off During the Period Amount (e)	
1	Asset Retirement Obligation (U-14292)	778,006,701	192,309,020	407.4, 126	300,997,396	669,318,325
2	AFUDC FERC Audit Adjustment (1)	450,156		407.3	148,221	301,935
3	Energy Waste Reduction (U-15806-EO)	12,487,485	8,877,086	449.1	8,970,133	12,394,438
4	Recoverable Income Taxes (U-10083)	23,236,623		See FN	2,379,336	20,857,287
5	Transitional Reconciliation Mechanism (U-17437)	28,442,412	30,538,739	See FN	40,811,555	18,169,596
6	Customer 360 Deferred Costs (U-17666) (2)	41,827,394	16,567,132	903	3,873,372	54,521,154
7	Fermi II PERC Costs (U-18014)	43,354,927	13,837,848	See FN	9,556,266	47,636,509
8	Capitalized Pension Non-Service Costs (3)	10,033,592	5,823,191	407.3	527,704	15,329,079
9	Charging Forward (U-20162)		1,030,010			1,030,010
10	Advanced Distribution Management System (U-20162)		2,840,250			2,840,250
11	Enhanced Tree Trimming Program (U-20162)		43,300,000			43,300,000
12	Advanced Customer Pricing Pilot (U-20602)		164,536			164,536
13						
14						
15	(1) FERC audit adjustment of AFUDC for 1989-1996					
16	amortized over 26 years ending in 2021.					
17						
18	(2) Customer 360 Deferred Costs amortized over					
19	15 years beginning May 2017 and ending in 2032.					
20						
21	(3) Per ASU 2017-07 relating to financing					
22	costs not being eligible for capitalization.					
23						
24	Note: Above docket numbers refer to original					
25	authorization of regulatory asset.					
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44	TOTAL :	937,839,290	315,287,812		367,263,983	885,863,119

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 232 Line No.: 4 Column: d

Accounts charged for Recoverable Income Taxes: 410.1 and 283.

Schedule Page: 232 Line No.: 5 Column: d

Accounts charged for Transitional Recovery Mechanism: 407.4 and 174.

Schedule Page: 232 Line No.: 7 Column: d

Accounts charged for Fermi II PERC Costs: 524, 530, 531.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020		Year/Period of Report End of 2019/Q4	
MISCELLANEOUS DEFERRED DEBITS (Account 186)							
1. Report below the particulars (details) called for concerning miscellaneous deferred debits. 2. For any deferred debit being amortized, show period of amortization in column (a) 3. Minor item (1% of the Balance at End of Year for Account 186 or amounts less than \$100,000, whichever is less) may be grouped by classes.							
Line No.	Description of Miscellaneous Deferred Debits (a)	Balance at Beginning of Year (b)	Debits (c)	CREDITS		Balance at End of Year (f)	
				Account Charged (d)	Amount (e)		
1	Def Mich Inc Tax (U-16864) (1)	161,110,956		See FN	9,483,220	151,627,736	
2	LT Prepaid - MGM	8,721,249	323,010	101.1	9,044,259		
3	LT Prepaid - IBM (2)		8,866,232	146, 165	4,455,581	4,410,651	
4	LT Prepaid - Solar Site	226,200		101.1	226,200		
5	LT Prepaid - Operator Retention	518,500		532	366,000	152,500	
6	ST Financing Costs	1,155,257	958,052	431	387,248	1,726,061	
7	Spent Nuclear Fuel Storage Cost	10,751,732	20,037,646	See FN	11,787,307	19,002,071	
8	Generator Interconnect		4,479,400			4,479,400	
9	Harbor Beach - Funds in Escrow		10,125,000	107, 131	6,483,471	3,641,529	
10	Financing Exp Debt Securities		5,224,177	232, 181	5,224,177		
11	Plug-in Elec Vehicle Costs (3)	2,494,118		916, 146	1,248,013	1,246,105	
12	AFUDC Deferred Tax (U-16472)	40,633,582	12,096,823	282, 283	5,282,234	47,448,171	
13	Medicare Def Tax (U-16864) (4)	7,154,200		See FN	1,192,368	5,961,832	
14	Def Detroit Inc Tax (U-17767)	7,964,047		See FN	552,736	7,411,311	
15	EWR Performance Incentive	38,515,646	21,705,196	449.1	17,625,530	42,595,312	
16	Fermi 3 License Cost (5)	83,997,437		407.3	4,893,055	79,104,382	
17	Other Postemployment Benefits	189,337,000	77,011,000			266,348,000	
18	Other Long Term Assets	32,459	11,628,400	141, 107	5,868,226	5,792,633	
19	Zonal Resource Credits	1,890	6,036,056	555	6,037,946		
20	Def Mich Inc Tax (U-20162) (6)	6,248,272	99,153	See FN	184,000	6,163,425	
21	Recoverable Pension and OPEB	1,596,962,413	119,193,840	228.3	88,150,802	1,628,005,451	
22							
23	(1) Def Mich Inc Tax (U-16864)						
24	amortized over 23 year period						
25	ending in 2034						
26							
27	(2) LT Prepaid - IBM						
28	amortized over 2 year period						
29	ending in 2020						
30							
31	(3) Plug-in Elec Vehicle Costs						
32	amortized over 5 year period						
33	ending in 2020						
34							
35	(4) Medicare Def Tax (U-16864)						
36	amortized over 12 year period						
37	ending in 2024						
38							
39	(5) Fermi 3 License Cost						
40	amortized over 20 year period						
41	ending in 2036						
42							
43	(6) Def Mich Inc Tax (U-20162)						
44	amortized over 23 year period						
45	ending in 2042						
46							
47	Misc. Work in Progress						
48	Deferred Regulatory Comm. Expenses (See pages 350 - 351)						
49	TOTAL	2,155,824,958				2,275,116,570	

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 233 Line No.: 1 Column: d
Accounts Charged for Def Mich Inc Tax (U-16864): 283, 410.1.
Schedule Page: 233 Line No.: 2 Column: d
Property Under Operating Leases (101.1).
Schedule Page: 233 Line No.: 4 Column: d
Property Under Operating Leases (101.1).
Schedule Page: 233 Line No.: 7 Column: d
Accounts charged for Spent Nuclear Fuel Storage Costs: 520, 107, 143.
Schedule Page: 233 Line No.: 13 Column: d
Accounts Charged for Medicare Def Tax (U-16864): 283, 410.1.
Schedule Page: 233 Line No.: 14 Column: d
Accounts Charged for Def Detroit Inc Tax (U-17767): 283, 410.1.
Schedule Page: 233 Line No.: 20 Column: d
Accounts Charged for Def Mich Inc Tax (U-20162): 283, 410.1.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of <u>2019/Q4</u>
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ACCUMULATED DEFERRED INCOME TAXES (Account 190)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes.
2. At Other (Specify), include deferrals relating to other income and deductions.

Line No.	Description and Location (a)	Balance of Beginning of Year (b)	Balance at End of Year (c)
1	Electric		
2		853,455,208	864,476,942
3			
4			
5			
6			
7	Other		
8	TOTAL Electric (Enter Total of lines 2 thru 7)	853,455,208	864,476,942
9	Gas		
10			
11			
12			
13			
14			
15	Other		
16	TOTAL Gas (Enter Total of lines 10 thru 15)		
17	Other (Specify)		
18	TOTAL (Acct 190) (Total of lines 8, 16 and 17)	853,455,208	864,476,942

Notes

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year/Period of Report
DTE Electric Company		04/15/2020	2019/Q4
FOOTNOTE DATA			

Schedule Page: 234 Line No.: 2 Column: b

Bad Debt Reserve	11,115,547
Inventory Reserve	2,883,539
Bonus Accrual	4,740,456
Vacation Pay Accruals	5,479,565
Ludington Fish Mortality	259,781
Legal Settlement Reserve	(352,860)
Provision for Injuries and Damages	3,092,327
Interest Expense	1,029,219
State Deferred Taxes	109,009,296
Fermi 2 Outage Accrual and Expenses	914,393
RPS Amortization & Over/Under Recover	18,120,939
Deferred Gain Parking Agreement	1,158,259
Long Term Disability Plan	226,590
Workers' Compensation	2,913,472
Renewable Energy Credits	(1,119,568)
Long Term Incentive Plan	3,154,505
Investment Tax Credit	1,674,755
Investment Tax Credit - Solar	8,716,450
Investment Tax Credit - Ludington	18,383,650
Contribution In Aid Of Construction - Non Property	5,021,002
Severance Plans	39,690
Fermi 3 License Amortization	1,873,222
Tax Credit Carryforward	249,629,925
Net Operating Loss Carryforward	2,305,722
Tax Reform Regulatory Liability - Gross-up	410,333,413
Employee Benefits	(7,148,081)
	853,455,208

Schedule Page: 234 Line No.: 2 Column: c

Bad Debt Reserve	9,693,000
Inventory Reserve	4,158,274
Bonus Accrual	4,963,602
Vacation Pay Accruals	4,919,207
Ludington Fish Mortality	313,110
Legal Settlement Reserve	(839,333)
Provision for Injuries and Damages	3,629,319
Interest Expense	1,196,779
State Deferred Taxes	117,488,036
Fermi 2 Outage Accrual and Expenses	8,239,604
RPS Amortization & Over/Under Recover	11,442,044
Deferred Gain Parking Agreement	1,087,398
Long Term Disability Plan	206,640
Workers' Compensation	2,380,963
Renewable Energy Credits	(1,417,742)
Long Term Incentive Plan	3,154,505
Investment Tax Credit	892,837
Investment Tax Credit - Solar	8,565,144
Investment Tax Credit - Ludington	24,747,363
Investment Tax Credit - Dearborn CHP	592,108
Contribution In Aid Of Construction - Non Property	5,046,561
Fermi 3 License Amortization	1,873,222
Tax Credit Carryforward	251,792,961
Tax Reform Regulatory Liability - Gross-up	400,433,975
Miscellaneous	(82,635)
	864,476,942

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257)					
1. Report under separate subheadings for Unamortized Loss and Unamortized Gain on Reacquired Debt, particulars of gain and loss on reacquisition applicable to each class and series of long-term debt, including maturity date. If gain or loss resulted from a refunding transaction, include also the maturity date of the new issue.			2. In column (c) show the principal amount of bonds or other long-term debt reacquired. 3. In column (d) show the net gain or net loss realized on each debt reacquisition as computed in accordance with General Instruction 16 of the Uniform System of Accounts.		
Line No.	Designation of Long-Term Debt (a)	Date Reacquired (b)	Princ. Amt. Of Debt Reacquired (c)	Net Gain or Net Loss (d)	
1	Account 189-Unamortized Loss on Reacquired Debt				
2	General and Mortgage Bonds:				
3	1993 Series J, due 06-1-18,	6/1/2003			
4	(Refunding 2002 B, due 2032 - 110005)		102,605,000	(6,383,108)	
5	1993 Series K, due 08-15-33				
6	1993 Series H, due 07-15-28				
7	1994 C, due 08-15-34				
8	2002 Series A, due 10/15/2012	7/23/2012			
9	(Refunding 2012 A issued 7-23-2012, due 2022 - 110063)		225,000,000	(1,287,112)	
10	2002 Series A, due 10/15/2012	7/23/2012			
11	(Refunding 2012 B issued 7-23-2012, due 2042 - 110064)		225,000,000	(1,287,112)	
12	2009 Series CT, due 08-01-2024	12/3/2012			
13	2002 Series C, due 12-15-2032	12/15/2012			
14	2002 Series D, due 12-15-2032	12/15/2012			
15	(Refunding 2012 A issued 7-23-2012, due 2022 - 110065)		120,275,000	(2,938,668)	
16	2009 Series CT, due 08-01-2024	12/3/2012			
17	2002 Series C, due 12-15-2032	12/15/2012			
18	2002 Series D, due 12-15-2032	12/15/2012			
19	(Refunding 2012 B issued 7-23-2012, due 2042 - 110066)		120,275,000	(2,938,668)	
20	2000 Series B, due 09/01/2030	3/18/2013			
21	(Refunding 2013 A issued 3-27-2013, due 2043 - 110067)		50,745,000	(1,594,377)	
22	2008 Series J, due 4-01-2009	10/1/2013			
23	(Refunding 2013 B issued 8-27-2013, due 2024 - 110068)		250,000,000	(444,319)	
24					
25					

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original	(Mo, Da, Yr)	2019/Q4
	(2) <input type="checkbox"/> A Resubmission		

UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257) (Continued)

4. Show loss amounts in red or by enclosure in parentheses.

Amortization of Loss on Reacquired Debt or credited to Account 429.1, Amortization of Gain on Reacquired Debt-Credit.

5. Explain any debits and credits other than amortization debited to Account 428.1,

Balance Beginning of Year (e)	Debits During Year (f)	Credits During Year (g)	Balance End of Year (h)	Line No.
				1
				2
				3
2,936,041		212,928	2,723,113	4
				5
				6
				7
				8
449,513		130,084	319,429	9
				10
1,009,884		43,055	966,829	11
				12
				13
				14
1,068,919		309,334	759,585	15
				16
				17
				18
2,336,546		99,616	2,236,930	19
				20
1,288,310		53,126	1,235,184	21
				22
219,235		42,116	177,119	23
				24
				25

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257) (Continued)

1. Report under separate subheadings for Unamortized Loss and Unamortized Gain on Recquired Debt, particulars of gain and loss on reacquisition applicable to each class and series of long-term debt, including maturity date. If gain or loss resulted from a refunding transaction, include also the maturity date of the new issue.

2. In column (c) show the principal amount of bonds or other long-term debt reacquired.

3. In column (d) show the net gain or net loss realized on each debt reacquisition as computed in accordance with General Instruction 16 of the Uniform System of Accounts.

Line No.	Designation of Long-Term Debt (a)	Date Reacquired (b)	Princ. Amt. Of Debt Reacquired (c)	Net Gain or Net Loss (d)
1	Account 189-Unamortized Loss on Recquired Debt			
2	General and Mortgage Bonds (continued):			
3	2003 Series A, due 9-01-2030	12/1/2013		
4	2008 Series LT, due 12-01-2038	12/1/2013		
5	(Refunding 2013 B issued 8-27-2013, due 2024 - 110070)		99,000,000	(3,403,359)
6	2004 Series A, due 06-01-2029	6/1/2014		
7	2004 Series B, due 4-1-2028	4/1/2014		
8	2009 Series BT, due 12-1-2036	6/1/2014		
9	1992-CC Loan Agreement, due 10-1-2024	4/1/2014		
10	(Refunding 2014 A issued 6-4-2014, due 2026 - 110071)		136,480,000	(2,667,439)
11	2004 Series A, due 06-01-2029	6/1/2014		
12	2004 Series B, due 10-1-2028	4/1/2014		
13	2009 Series BT, due 12-1-2036	6/1/2014		
14	1992-CC Loan Agreement, due 10-1-2024	4/1/2014		
15	(Refunding 2014 B issued 6-4-2014, due 2044 - 110072)		136,480,000	(4,001,159)
16	2004 Series D, due 08-01-2014	8/1/2014		
17	2005 Series AR, due 2-15-2015	7/23/2014		
18	2008 Series ET, due 8-1-2029	8/1/2014		
19	(Refunding 2014 D issued 7-2-2014, due 2025 - 110073)		460,000,000	(5,048,781)
20	2004 Series D, due 08-01-2014	8/1/2014		
21	2005 Series AR, due 2-15-2015	7/23/2014		
22	2008 Series ET, due 8-1-2029	8/1/2014		
23	(Refunding 2014 E issued 7-2-2014, due 2044 - 110074)		460,000,000	(5,048,780)
24	2008 Series G, due 6-15-2018	8/16/2017		
25	(Refunding 2017 B issued 8-9-2017, due 2047 - 110081)		300,000,000	(10,312,517)

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257) (Continued)				
4. Show loss amounts in red or by enclosure in parentheses.		Amortization of Loss on Reacquired Debt or credited to Account 429.1, Amortization of Gain on Reacquired Debt-Credit.		
5. Explain any debits and credits other than amortization debited to Account 428.1,				
Balance Beginning of Year (e)	Debits During Year (f)	Credits During Year (g)	Balance End of Year (h)	Line No.
				1
				2
				3
				4
1,721,894		330,780	1,391,114	5
				6
				7
				8
				9
1,649,771		222,441	1,427,330	10
				11
				12
				13
				14
3,390,813		133,409	3,257,404	15
				16
				17
				18
2,919,587		473,447	2,446,140	19
				20
				21
				22
4,291,861		168,308	4,123,553	23
				24
9,833,442		343,560	9,489,882	25

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257) (Continued)				
1. Report under separate subheadings for Unamortized Loss and Unamortized Gain on Reacquired Debt, particulars of gain and loss on reacquisition applicable to each class and series of long-term debt, including maturity date. If gain or loss resulted from a refunding transaction, include also the maturity date of the new issue.		2. In column (c) show the principal amount of bonds or other long-term debt reacquired. 3. In column (d) show the net gain or net loss realized on each debt reacquisition as computed in accordance with General Instruction 16 of the Uniform System of Accounts.		
Line No.	Designation of Long-Term Debt (a)	Date Reacquired (b)	Princ. Amt. Of Debt Reacquired (c)	Net Gain or Net Loss (d)
1	Account 189-Unamortized Loss on Reacquired Debt			
2	Tax exempt - Bonds and Other Loan Agreements:			
3	1999 Series AP - due 2029	9/2/2011		
4	1999 Series BP - due 2029	9/2/2011		
5	1999 Series CP - due 2029	9/2/2011		
6	(Partial refunding 4.31% 2011 D, reissued 9/1/2011, due 09-01-2023-110056)		224,670,000	(1,185,505)
7	1999 Series AP - due 2029	9/2/2011		
8	1999 Series BP - due 2029	9/2/2011		
9	1999 Series CP - due 2029	9/2/2011		
10	(Partial refunding 4.46% 2011 E, reissued 9/1/2011, due 09-01-2026-110057)		224,670,000	(894,940)
11	1999 Series AP - due 2029	9/2/2011		
12	1999 Series BP - due 2029	9/2/2011		
13	1999 Series CP - due 2029	9/2/2011		
14	(Partial refunding 5.67% 2011 D, reissued 9/1/2011, due 09-01-2041-110058)		224,670,000	(534,640)
15	2001-CP, due 2029	9/29/2011		
16	(Refunding 4.5% 2011 H, reissued 9/20/2011, due 09-01-2041-110059)		139,855,000	(4,323,530)
17				
18	Other Debt:			
19	Quarterly Income Debt Securities (QUIDS)			
20	1996 QUIDS, due 2026	3/4/2005		
21	1998 QUIDS, due 2028	3/4/2005		
22	1998-II QUIDS, due 2028	3/4/2005		
23	(Partial Refunding 2005 B issued 02/02/05, due 2035-110008)		192,561,150	(5,380,959)
24	2001 Peakers Sale Leaseback, due 2011	12/18/2007		
25	(Refunding 2007 A issued 12/18/07, due 03-15-2038 - 110034)		47,377,400	(2,729,005)

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257) (Continued)				
4. Show loss amounts in red or by enclosure in parentheses.		Amortization of Loss on Reacquired Debt or credited to Account 429.1, Amortization of Gain on Reacquired Debt-Credit.		
5. Explain any debits and credits other than amortization debited to Account 428.1,				
Balance Beginning of Year (e)	Debits During Year (f)	Credits During Year (g)	Balance End of Year (h)	Line No.
				1
				2
				3
				4
				5
461,030		98,792	362,238	6
				7
				8
				9
457,414		59,663	397,751	10
				11
				12
				13
403,950		17,821	386,129	14
				15
3,272,424		144,371	3,128,053	16
				17
				18
				19
				20
				21
				22
2,889,626		179,232	2,710,394	23
				24
1,733,108		90,240	1,642,868	25

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257) (Continued)					
1. Report under separate subheadings for Unamortized Loss and Unamortized Gain on Reacquired Debt, particulars of gain and loss on reacquisition applicable to each class and series of long-term debt, including maturity date. If gain or loss resulted from a refunding transaction, include also the maturity date of the new issue.			2. In column (c) show the principal amount of bonds or other long-term debt reacquired. 3. In column (d) show the net gain or net loss realized on each debt reacquisition as computed in accordance with General Instruction 16 of the Uniform System of Accounts.		
Line No.	Designation of Long-Term Debt (a)	Date Reacquired (b)	Princ. Amt. Of Debt Reacquired (c)	Net Gain or Net Loss (d)	
1	Account 189-Unamortized Loss on Reacquired Debt				
2	Other Debt: (Continued)				
3	Amortization of 2010 Series CT, due 12-1-2030				
4	(2010 Series CT called 12-1-2015 - 110077)	12/1/2015	19,855,000	(549,311)	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25			3,759,518,550	(62,953,289)	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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UNAMORTIZED LOSS AND GAIN ON REACQUIRED DEBT (Account 189, 257) (Continued)

4. Show loss amounts in red or by enclosure in parentheses.
5. Explain any debits and credits other than amortization debited to Account 428.1,

Amortization of Loss on Reacquired Debt or credited to Account 429.1, Amortization of Gain on Reacquired Debt-Credit.

Balance Beginning of Year (e)	Debits During Year (f)	Credits During Year (g)	Balance End of Year (h)	Line No.
				1
				2
				3
436,397		36,621	399,776	4
				5
				6
				7
				8
				9
				10
				11
				12
				13
				14
				15
				16
				17
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				19
				20
				21
				22
				23
				24
42,769,765	0	3,188,944	39,580,821	25

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="checked" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of <u>2019/Q4</u>	
CAPITAL STOCKS (Account 201 and 204)				
1. Report below the particulars (details) called for concerning common and preferred stock at end of year, distinguishing separate series of any general class. Show separate totals for common and preferred stock. If information to meet the stock exchange reporting requirement outlined in column (a) is available from the SEC 10-K Report Form filing, a specific reference to report form (i.e., year and company title) may be reported in column (a) provided the fiscal years for both the 10-K report and this report are compatible. 2. Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended to end of year.				
Line No.	Class and Series of Stock and Name of Stock Series (a)	Number of shares Authorized by Charter (b)	Par or Stated Value per share (c)	Call Price at End of Year (d)
1	Account 201			
2	Common Stock	400,000,000	10.00	
3				
4	TOTAL COMMON STOCK	400,000,000		
5				
6	Account 204			
7	Preferred Stock Cumulative	6,747,484	100.00	
8				
9	TOTAL PREFERRED STOCK	6,747,484		
10				
11	Cumulative Preference Stock	30,000,000	1.00	
12				
13	TOTAL PREFERENCE STOCK	30,000,000		
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
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41				
42				

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020		Year/Period of Report End of 2019/Q4	
CAPITAL STOCKS (Account 201 and 204) (Continued)							
<p>3. Give particulars (details) concerning shares of any class and series of stock authorized to be issued by a regulatory commission which have not yet been issued.</p> <p>4. The identification of each class of preferred stock should show the dividend rate and whether the dividends are cumulative or non-cumulative.</p> <p>5. State in a footnote if any capital stock which has been nominally issued is nominally outstanding at end of year.</p> <p>Give particulars (details) in column (a) of any nominally issued capital stock, reacquired stock, or stock in sinking and other funds which is pledged, stating name of pledgee and purposes of pledge.</p>							
OUTSTANDING PER BALANCE SHEET (Total amount outstanding without reduction for amounts held by respondent)		HELD BY RESPONDENT				Line No.	
		AS REACQUIRED STOCK (Account 217)		IN SINKING AND OTHER FUNDS			
Shares (e)	Amount (f)	Shares (g)	Cost (h)	Shares (i)	Amount (j)		
						1	
138,632,324	1,386,142,709					2	
						3	
138,632,324	1,386,142,709					4	
						5	
						6	
						7	
						8	
						9	
						10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
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						22	
						23	
						24	
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						27	
						28	
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						30	
						31	
						32	
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						41	
						42	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
CAPITAL STOCK SUBSCRIBED, CAPITAL STOCK LIABILITY FOR CONVERSION, PREMIUM ON CAPITAL STOCK AND INSTALLMENTS RECEIVED ON CAPITAL STOCK (Accounts 202 & 205, 203 & 206, 207, 212)			
<p>1. Show for each of the above accounts the amounts applying to each class and series of capital stock.</p> <p>2. For Account 202, <i>Common Stock Subscribed</i>, and Account 205, <i>Preferred Stock Subscribed</i>, show the subscription price and the balance due on each class at the end of year.</p> <p>3. Describe in a footnote the agreement and transactions under which a conversion liability existed</p> <p>under Account 203, <i>Common Stock Liability for Conversion</i>, or Account 206, <i>Preferred Stock Liability for Conversion</i>, at the end of the year.</p> <p>4. For Premium on Account 207, <i>Capital Stock</i>, designate with a double asterisk any amounts representing the excess of consideration received over stated values of stocks without par value.</p>			
Line No.	Name of Account & Description of Item (a)	Number of Shares (b)	Amount (c)
1	Account 202 - Common Stock Subscribed:		
2	None		
3			
4	Account 203 - Common Stock Liability for Conversion:		
5	None		
6			
7	Account 205 - Preferred Stock Subscribed:		
8	None		
9			
10	Account 206 - Preferred Stock Liability for Conversion:		
11	None		
12			
13	Account 207 - Premium on Capital Stock:		\$ 1,103,397,194
14			
15			
16	Account 212 - Installments Received on Capital Stock:		
17	None		
18			
19			
20			
21			
22			
23			
24			
25			
26			
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39			
40	TOTAL		\$ 1,103,397,194

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
OTHER PAID-IN CAPITAL (Accounts 208-211, inc.)					
Report below the balance at the end of the year and the information specified below for the respective other paid-in capital accounts. Provide a subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet, Page 112. Add more columns for any account if deemed necessary. Explain changes made in any account during the year and give the accounting entries effecting such change.					
(a) Donations Received from Stockholders (Account 208)-State amount and give brief explanation of the origin and purpose of each donation.					
(b) Reduction in Par or Stated value of Capital Stock (Account 209): State amount and give brief explanation of the capital change which gave rise to amounts reported under this caption including identification with the class and series of stock to which related.					
(c) Gain on Resale or Cancellation of Reacquired Capital Stock (Account 210): Report balance at beginning of year, credits, debits, and balance at end of year with a designation of the nature of each credit and debit identified by the class and series of stock to which related.					
(d) Miscellaneous Paid-in Capital (Account 211)-Classify amounts included in this account according to captions which, together with brief explanations, disclose the general nature of the transactions which gave rise to the reported amounts.					
Line No.	Item (a)				Amount (b)
1	Account 208 - Donations received from stockholders				
2	None				
3					
4	Account 209 - Reduction in par or stated value of capital stock				
5	None				
6					
7	Account 210 -Gain on resale or cancellation of reacquired capital stock				
8	None				
9					
10	Account 211 - Miscellaneous paid in capital:				
11	Balance December 31, 2018				2,185,000,000
12	Capital contribution by parent company				180,200,000
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
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31					
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34					
35					
36					
37					
38					
39					
40	TOTAL				2,365,200,000

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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DISCOUNT ON CAPITAL STOCK (Account 213)

1. Report the balance at end of year of discount on capital stock for each class and series of capital stock. attach a statement giving particulars (details) of the change. State the reason for any charge-off during the year and specify the amount charged.
2. If any change occurred during the year in the balance with respect to any class or series of stock,

Line No.	Class and Series of Stock (a)	Balance at End of Year (b)
1	None	
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17	TOTAL	\$ -

CAPITAL STOCK EXPENSE (Account 214)

1. Report the balance at end of year of capital stock expenses for each class and series of capital stock. attach a statement giving particulars (details) of the change. State the reason for any charge-off of capital stock expense and specify the account charged.
2. If any change occurred during the year in the balance with respect to any class or series of stock,

Line No.	Class and Series of Stock (a)	Balance at End of Year (b)
1	Common Stock	\$ 44,005,181
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18	TOTAL	\$ 44,005,181

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
SECURITIES ISSUED OR ASSUMED AND SECURITIES REFUNDED OR RETIRED DURING THE YEAR			
<p>1. Furnish a supplemental statement giving a brief description of security financing and refinancing transactions during the year and the accounting for the securities, discounts, premiums, expenses, and related gains or losses. Identify as to Commission authorization numbers and dates.</p> <p>2. Furnish particulars (details) showing fully the accounting for the total principal amount, par value, or stated value of each class and series of security issued, assumed, retired, or refunded and the accounting for premiums, discounts, expenses, and gains or losses relating to the securities. Set forth the facts of the accounting clearly with regard to redemption premiums, unamortized discounts, expenses, and gains or losses relating to securities retired or refunded, including the accounting for such amounts carried in the respondent's accounts at the date of the refunding or refinancing transactions with respect to securities previously refunded or retired.</p> <p>3. Include in the identification of each class and series of security, as appropriate, the interest or dividend rate, nominal date of issuance, maturity date, aggregate principal amount, par value or stated value, and number of shares. Give also the issuance of redemption price and name of the principal underwriting firm through which the security transactions were consummated.</p> <p>4. Where the accounting for amounts relating to securities refunded or retired is other than that specified in General Instruction 16 of the Uniform System of Accounts, give references to the commission authorization for the different accounting and state the accounting method.</p> <p>5. For securities assumed, give the name of the company for which the liability on the securities was assumed as well as particulars (details) of the transactions whereby the respondent undertook to pay obligations of another company. If any unamortized discounts, premiums, expenses, and gains or losses were taken over onto the respondent's books, furnish details of these amounts with amounts relating to refunded securities clearly earmarked.</p>			
<p>SECURITIES REDEEMED</p> <p>None.</p> <p>SECURITIES ISSUED OR REMARKETED</p> <p>\$650,000,000 - 2019 Series A 3.95% General and Refunding Mortgage Bonds due 2049 was issued on February 15, 2019 at a price of 99.198% with underwriters Barclays Capital Inc., BNY Mellon Capital Markets, LLC, JPMorgan Securities LLC and Merrill Lynch, Pierce, Fenner & Smith Incorporated, among others.</p> <p>The proceeds were used to finance expenditures for solar and wind energy, payments under power purchase agreements for solar and wind energy, and energy optimization programs.</p> <p>The principal amount of \$650,000,000 was credited to Account 221 and issuance expenses of \$7,062,506 were charged to Account 181. These costs of issuance will be amortized over the life of the Bonds by charges to Account 428.</p> <p>The issuance of 2019 Series A was authorized by the Federal Energy Regulatory Commission under Docket No. ES18-28-000, dated June 4, 2018.</p>			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224)

1. Report by balance sheet account the particulars (details) concerning long-term debt included in Accounts 221, Bonds, 222, Recquired Bonds, 223, Advances from Associated Companies, and 224, Other long-Term Debt.
2. In column (a), for new issues, give Commission authorization numbers and dates.
3. For bonds assumed by the respondent, include in column (a) the name of the issuing company as well as a description of the bonds.
4. For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) names of associated companies from which advances were received.
5. For receivers, certificates, show in column (a) the name of the court -and date of court order under which such certificates were issued.
6. In column (b) show the principal amount of bonds or other long-term debt originally issued.
7. In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued.
8. For column (c) the total expenses should be listed first for each issuance, then the amount of premium (in parentheses) or discount. Indicate the premium or discount with a notation, such as (P) or (D). The expenses, premium or discount should not be netted.
9. Furnish in a footnote particulars (details) regarding the treatment of unamortized debt expense, premium or discount associated with issues redeemed during the year. Also, give in a footnote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.

Line No.	Class and Series of Obligation, Coupon Rate (For new issue, give commission Authorization numbers and dates) (a)	Principal Amount Of Debt issued (b)	Total expense, Premium or Discount (c)
1	Account 221 - Senior Notes		
2	(Secured by General and Refunding Mortgage Bonds)		
3	2002 Series B, 6.35% - #110005	225,000,000	2,152,605
4	- 110005 (Continued)		1,516,500 D
5	2005 Series B, 5.45% - #110008	200,000,000	2,051,757
6	-110008 (Continued)		824,000 D
7	2005 Series C, 5.19% - #110009	100,000,000	488,141
8	2005 Series E, 5.7% - #110010	250,000,000	2,460,872
9	- 110010 (Continued)		1,490,000 D
10	2006 Series A, 6.625% - #110011	250,000,000	2,479,962
11	- 110011 (Continued)		135,000 D
12	2007 Series A, 6.47% - #110034	50,000,000	415,774
13	2010 Series B, 3.45% Senior Notes - #110049	300,000,000	2,357,127
14	(Authorized by FERC in Docket No. ES09-16-000, dated April 28, 2009)		1,206,000 D
15	2010 Series A, 4.89% Senior Notes - #110050	300,000,000	1,737,866
16	(Authorized by FERC in Docket No. ES09-16-000, dated April 29, 2009)		
17	2011 Series B, 3.90% - #110054	250,000,000	1,996,755
18	- 110054 (Continued)		662,500 D
19	2011 Series D, 4.31% - #110056	102,000,000	601,222
20	2011 Series E, 4.46% - #110057	77,000,000	453,863
21	2011 Series F, 5.67% - #110058	46,000,000	271,139
22	2011 Series H, 4.50% - #110059	140,000,000	1,472,943
23	- 110059 (Continued)		1,587,600 D
24	2012 Series A, 2.65% - #110061	250,000,000	1,999,574
25	- 110061 (Continued)		390,000 D
26	2012 Series B, 3.95% - #110062	250,000,000	2,561,074
27	- 110062 (Continued)		1,087,500 D
28	2013 Series A, 4.0% - #110067	375,000,000	3,932,351
29	- 110067 (Continued)		1,691,250 D
30	2013 Series B, 3.65% - #110068	400,000,000	3,171,862
31	- 110068 (Continued)		1,636,000 D
32	2014 Series A, 3.77% - #110071	100,000,000	608,023
33	TOTAL	7,202,700,000	91,105,375

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224) (Continued)

10. Identify separate undisposed amounts applicable to issues which were redeemed in prior years.
11. Explain any debits and credits other than debited to Account 428, Amortization and Expense, or credited to Account 429, Premium on Debt - Credit.
12. In a footnote, give explanatory (details) for Accounts 223 and 224 of net changes during the year. With respect to long-term advances, show for each company: (a) principal advanced during year, (b) interest added to principal amount, and (c) principle repaid during year. Give Commission authorization numbers and dates.
13. If the respondent has pledged any of its long-term debt securities give particulars (details) in a footnote including name of pledgee and purpose of the pledge.
14. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.
15. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (i). Explain in a footnote any difference between the total of column (i) and the total of Account 427, interest on Long-Term Debt and Account 430, Interest on Debt to Associated Companies.
16. Give particulars (details) concerning any long-term debt authorized by a regulatory commission but not yet issued.

Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZATION PERIOD		Outstanding (Total amount outstanding without reduction for amounts held by respondent) (h)	Interest for Year Amount (i)	Line No.
		Date From (f)	Date To (g)			
						1
						2
10/23/02	10/15/32	10/23/02	10/15/32	225,000,000	14,287,500	3
						4
02/07/05	02/15/35	02/07/05	02/15/35	200,000,000	10,900,000	5
						6
09/29/05	10/01/23	09/29/05	10/01/23	100,000,000	5,190,000	7
10/06/05	10/01/37	10/06/05	10/01/37	250,000,000	14,250,000	8
						9
06/01/06	06/01/36	06/01/06	06/01/36	250,000,000	16,562,500	10
						11
12/18/2007	03/15/38	12/18/07	3/15/38	50,000,000	3,235,000	12
08/19/10	10/01/20	08/19/10	10/01/20	300,000,000	10,350,000	13
						14
09/15/10	09/15/20	09/15/10	09/15/20	300,000,000	14,670,000	15
						16
05/18/11	06/01/21	05/18/11	06/01/21	250,000,000	9,750,000	17
						18
09/01/11	09/01/23	09/01/11	09/01/23	102,000,000	4,396,200	19
09/01/11	09/01/26	09/01/11	09/01/26	77,000,000	3,434,200	20
09/01/11	09/01/41	09/01/11	09/01/41	46,000,000	2,608,200	21
09/20/11	09/01/41	09/20/11	09/01/41	140,000,000	6,300,000	22
						23
06/22/12	06/15/22	06/22/12	06/15/22	250,000,000	6,625,000	24
						25
06/22/12	06/15/42	06/22/12	06/15/42	250,000,000	9,875,000	26
						27
3/27/13	4/1/43	3/27/13	4/1/43	375,000,000	15,000,000	28
						29
8/27/13	3/15/24	8/27/13	3/15/24	400,000,000	14,600,000	30
						31
6/04/14	6/01/26	6/04/14	6/01/26	100,000,000	3,770,000	32
				7,202,700,000	300,221,751	33

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224)

- Report by balance sheet account the particulars (details) concerning long-term debt included in Accounts 221, Bonds, 222, Reacquired Bonds, 223, Advances from Associated Companies, and 224, Other long-Term Debt.
- In column (a), for new issues, give Commission authorization numbers and dates.
- For bonds assumed by the respondent, include in column (a) the name of the issuing company as well as a description of the bonds.
- For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) names of associated companies from which advances were received.
- For receivers, certificates, show in column (a) the name of the court -and date of court order under which such certificates were issued.
- In column (b) show the principal amount of bonds or other long-term debt originally issued.
- In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued.
- For column (c) the total expenses should be listed first for each issuance, then the amount of premium (in parentheses) or discount. Indicate the premium or discount with a notation, such as (P) or (D). The expenses, premium or discount should not be netted.
- Furnish in a footnote particulars (details) regarding the treatment of unamortized debt expense, premium or discount associated with issues redeemed during the year. Also, give in a footnote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.

Line No.	Class and Series of Obligation, Coupon Rate (For new issue, give commission Authorization numbers and dates) (a)	Principal Amount Of Debt issued (b)	Total expense, Premium or Discount (c)
1	2014 Series B, 4.6% - #110072	150,000,000	911,981
2	2014 Series D, 3.375% - #110073	350,000,000	2,773,115
3	- 110073 (Continued)		486,500 D
4	2014 Series E, 4.3% - #110074	350,000,000	3,560,615
5	- 110074 (Continued)		528,500 D
6	2015 Series A, 3.70% - #110075	500,000,000	5,155,799
7	- 110075 (Continued)		1,170,000 D
8	2016 Series A, 3.70% - #110078	300,000,000	3,305,808
9	- 110078 (Continued)		222,000 D
10	2017 Series B, 3.75% - #110081	440,000,000	4,821,960
11	- 110081 (Continued)		237,600 D
12	2018 Series A, 4.05% - #110082	525,000,000	5,748,816
13	- 110082 (Continued)		2,357,250 D
14	2019 Series A, 3.95% - #110083	650,000,000	7,062,506
15	- 110083 (Continued)		5,213,000 D
16			
17	Subtotal	6,930,000,000	86,994,710
18			
19	Account 221 - Tax Exempt Revenue Bond Obligations - Loan Agreements		
20	(Secured by corresponding amounts of General and Refunding Mortgage Bonds)		
21	1991 Series CP, 7% - #110014	32,800,000	1,136,400
22	1992 Series AP, 6.95% - 110015	66,000,000	1,700,962
23	2008 Series KT, 5.625% - #110043	32,375,000	549,595
24	Series 2008 ET-2, Variable Rate Ltd Obligation Refunding Revenue Bonds -#110080	59,175,000	302,755
25	1995 Series CC, 1.45% - #110079	82,350,000	420,953
26			
27			
28	Subtotal	272,700,000	4,110,665
29			
30			
31			
32	Account 223 - Advances from Associated Companies		
33	TOTAL	7,202,700,000	91,105,375

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224) (Continued)

10. Identify separate undisposed amounts applicable to issues which were redeemed in prior years.
11. Explain any debits and credits other than debited to Account 428, Amortization and Expense, or credited to Account 429, Premium on Debt - Credit.
12. In a footnote, give explanatory (details) for Accounts 223 and 224 of net changes during the year. With respect to long-term advances, show for each company: (a) principal advanced during year, (b) interest added to principal amount, and (c) principle repaid during year. Give Commission authorization numbers and dates.
13. If the respondent has pledged any of its long-term debt securities give particulars (details) in a footnote including name of pledgee and purpose of the pledge.
14. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.
15. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (i). Explain in a footnote any difference between the total of column (i) and the total of Account 427, interest on Long-Term Debt and Account 430, Interest on Debt to Associated Companies.
16. Give particulars (details) concerning any long-term debt authorized by a regulatory commission but not yet issued.

Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZATION PERIOD		Outstanding (Total amount outstanding without reduction for amounts held by respondent) (h)	Interest for Year Amount (i)	Line No.
		Date From (f)	Date To (g)			
6/04/14	6/01/44	6/04/14	6/01/44	150,000,000	6,900,000	1
7/02/14	3/01/25	7/02/14	3/01/25	350,000,000	11,812,500	2
						3
7/02/14	7/01/44	7/02/14	7/01/44	350,000,000	15,050,000	4
						5
3/11/15	3/15/45	3/11/15	3/15/45	500,000,000	18,500,000	6
						7
5/17/16	6/01/46	5/17/16	6/01/46	300,000,000	11,100,000	8
						9
8/09/17	8/15/47	8/09/17	8/15/47	440,000,000	16,500,000	10
						11
5/7/18	5/15/48	5/7/18	5/15/48	525,000,000	21,262,500	12
						13
2/15/19	3/1/49	2/15/19	3/1/49	650,000,000	22,536,944	14
						15
						16
				6,930,000,000	289,465,544	17
						18
						19
						20
05/20/91	05/01/21	05/20/91	05/01/21	32,800,000	2,296,000	21
03/24/92	09/01/22	03/24/92	09/01/22	66,000,000	4,587,000	22
06/01/09	07/01/20	06/01/09	07/01/20	32,375,000	1,821,094	23
09/01/16	09/01/21	09/01/16	09/01/21	59,175,000	858,038	24
09/01/16	09/01/21	09/01/16	09/01/21	82,350,000	1,194,075	25
						26
						27
				272,700,000	10,756,207	28
						29
						30
						31
						32
				7,202,700,000	300,221,751	33

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
LONG-TERM DEBT (Account 221, 222, 223 and 224)					
<p>1. Report by balance sheet account the particulars (details) concerning long-term debt included in Accounts 221, Bonds, 222, Reacquired Bonds, 223, Advances from Associated Companies, and 224, Other long-Term Debt.</p> <p>2. In column (a), for new issues, give Commission authorization numbers and dates.</p> <p>3. For bonds assumed by the respondent, include in column (a) the name of the issuing company as well as a description of the bonds.</p> <p>4. For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) names of associated companies from which advances were received.</p> <p>5. For receivers, certificates, show in column (a) the name of the court -and date of court order under which such certificates were issued.</p> <p>6. In column (b) show the principal amount of bonds or other long-term debt originally issued.</p> <p>7. In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued.</p> <p>8. For column (c) the total expenses should be listed first for each issuance, then the amount of premium (in parentheses) or discount. Indicate the premium or discount with a notation, such as (P) or (D). The expenses, premium or discount should not be netted.</p> <p>9. Furnish in a footnote particulars (details) regarding the treatment of unamortized debt expense, premium or discount associated with issues redeemed during the year. Also, give in a footnote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.</p>					
Line No.	Class and Series of Obligation, Coupon Rate (For new issue, give commission Authorization numbers and dates) (a)	Principal Amount Of Debt issued (b)	Total expense, Premium or Discount (c)		
1	None				
2					
3	Subtotal				
4					
5					
6	Account 224 - Loan Agreements				
7	None				
8					
9	Subtotal				
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33	TOTAL	7,202,700,000	91,105,375		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224) (Continued)

10. Identify separate undisposed amounts applicable to issues which were redeemed in prior years.
11. Explain any debits and credits other than debited to Account 428, Amortization and Expense, or credited to Account 429, Premium on Debt - Credit.
12. In a footnote, give explanatory (details) for Accounts 223 and 224 of net changes during the year. With respect to long-term advances, show for each company: (a) principal advanced during year, (b) interest added to principal amount, and (c) principle repaid during year. Give Commission authorization numbers and dates.
13. If the respondent has pledged any of its long-term debt securities give particulars (details) in a footnote including name of pledgee and purpose of the pledge.
14. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.
15. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (i). Explain in a footnote any difference between the total of column (i) and the total of Account 427, interest on Long-Term Debt and Account 430, Interest on Debt to Associated Companies.
16. Give particulars (details) concerning any long-term debt authorized by a regulatory commission but not yet issued.

Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZATION PERIOD		Outstanding (Total amount outstanding without reduction for amounts held by respondent) (h)	Interest for Year Amount (i)	Line No.
		Date From (f)	Date To (g)			
						1
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				7,202,700,000	300,221,751	33

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 256.1 Line No.: 14 Column: b

\$650,000,000 - 2019 Series A 3.95% General and Refunding Mortgage Bonds due 2049 issued on February 15, 2019 at a price of 99.198% with underwriters Barclays Capital, Bank of America Merrill Lynch, BNY Mellon Capital Markets, LLC, and J.P. Morgan, among others.

The proceeds will be used to finance expenditures for solar and wind energy, payments under power purchase agreements for solar and wind energy, and energy optimization.

The principal amount of \$650,000,000 was credited to account 221 and issuance expenses of \$7,062,506 were charged to account 181. These costs of issuance will be amortized over the life of the bonds by charges to account 428.

The issuance of 2019 Series A was authorized by the Federal Energy Regulatory Commission under Docket No. ES18-28-000, dated June 4, 2018.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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NOTES PAYABLE (Accounts 231)

1. Report the particulars indicated concerning notes payable at end of year.
2. Give particulars of collateral pledged, if any.
3. Furnish particulars for any formal or informal compensating balance agreements covering open lines or credit.
4. Any demand notes should be designated as such in column (d).
5. Minor amounts may be grouped by classes, showing the number of such amounts.

Line No.	Payee (a)	Purpose for which issued (b)	Date of Note (c)	Date of Maturity (d)	Int. Rate (e)	Balance End of Year (f)
1	Commercial Paper	General	Various	Various	Various	\$354,275,527
2						
3						
4	Dell EMC Corporation	Licensed Software	12/4/2018	12/3/2021	2.88%	\$3,362,222
5	International Business Machines	Licensed Software	12/31/2018	12/31/2021	3.06%	\$6,896,939
6						
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27						
TOTAL						\$364,534,688

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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PAYABLES TO ASSOCIATED COMPANIES* (Accounts 233, 234)

1. Report particulars of notes and accounts payable to associated companies at end of year.
2. Provide separate totals for Accounts 233, Notes Payable to Associated Companies, and 234, Accounts Payable to Associated Companies, in addition to total for the combined accounts.
3. List each note separately and state the purpose for which issued. Show also in column (a) date of note, maturity and interest rate.
4. Include in column (f) the amount of any interest expense during the year on notes or accounts that were paid before the end of the year.
5. If collateral has been pledged as security to the payment of any note or account, describe such collateral.

***See definition on page 226B**

Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest for Year (f)
			Debits (c)	Credits (d)		
1	Account 233					
2	DTE Energy Company	22,452,160	22,433,970	-	18,190	1,904,444
3	Midwest Energy Resources Company	-	-	677,311	677,311	1,901
4	Total Notes Payable	22,452,160	22,433,970	677,311	695,501	1,906,345
5	Note: Notes Payable to associated companies arise from the Inter-Company Loan Agreement.					
6	Purpose: To provide a line of credit from associated companies.					
7	Maturity Date: N/A					
8	Interest Rate: Adjusted monthly based on the prior month commercial paper market rate. December 2019 rate 1.9143%					
9	Account 234					
10	DTE Energy Company	17,618,738	17,618,738	-	-	
11	DTE Energy Resources, LLC	117,131	-	7,965	125,096	
12	DTE Biomass Energy, Inc.	5,038	-	4,497	9,535	
13	Westside Gas Producers LLC	228	-	-	228	
14	DTE Energy Trading	58,089	6,795	-	51,294	
15	River Rouge Unit No. 1 LLC	9	9	-	-	
16	DTE Energy Services, Inc.	210,442	194,837	-	15,605	
17	DTE ES Operations, LLC	3,011	3,011	-	-	
18	Syndeco Realty Corporation	33,448	-	-	33,448	
19	Midwest Energy Resources Company	1,736,804	441,682	-	1,295,122	
20	St. Clair Energy Company	162	162	-	-	
21	St Clair Fuels Co., LLC	791,667	791,667	-	-	
22	DTE Gas Company	20,012,556	20,012,556	-	-	
23	Citizens Gas Fuel Company	7,877	-	18,165	26,042	
24	DTE Gas Enterprises, LLC	10,264	10,264	-	-	
25	DTE Pipeline Company	15,638	15,638	-	-	

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)		Year of Report 2019/Q4	
PAYABLES TO ASSOCIATED COMPANIES* (Accounts 233, 234)							
1. Report particulars of notes and accounts payable to associated companies at end of year. 2. Provide separate totals for Accounts 233, Notes Payable to Associated Companies, and 234, Accounts Payable to Associated Companies, in addition to total for the combined accounts. 3. List each note separately and state the purpose for which issued. Show also in column (a) date of note, maturity and interest rate. 4. Include in column (f) the amount of any interest expense during the year on notes or accounts that were paid before the end of the year. 5. If collateral has been pledged as security to the payment of any note or account, describe such collateral.							
*See definition on page 226B							
Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest for Year (f)	
			Debits (c)	Credits (d)			
26	DTE Millennium Company	43	39	-	4		
27	DTE Vector Company	33	30	-	3		
28	DTE Gas Storage Company	2,239	2,239	-	-		
29	DTE Gas Services Company	4,074	4,074	-	-		
30	Blue Water Renewables, Inc.	436,829	220,295	-	216,534		
31	Chouteau Fuels Co LLC	3,044	-	-	3,044		
32	DTE Energy Corporate Services LLC	62,305,592	3,332,597	-	58,972,995		
33	DTE Nexus, LLC	12,417	12,417	-	-		
34	Huron Fuels Co LLC	433,334	433,334	-	-		
35	Total Accounts Payable	103,818,707	43,100,384	30,627	60,748,950	-	
36							
37							
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50	TOTAL	126,270,867	65,534,354	707,938	61,444,451	1,906,345	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

1. Report the reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. Include in the reconciliation, as far as practicable, the same detail as furnished on Schedule M-1 of the tax return for the year. Submit a reconciliation even though there is no taxable income for the year. Indicate clearly the nature of each reconciling amount.
2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, intercompany amounts to be eliminated in such a consolidated return. State names of group member, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.
3. A substitute page, designed to meet a particular need of a company, may be used as long as the data is consistent and meets the requirements of the above instructions. For electronic reporting purposes complete Line 27 and provide the substitute Page in the context of a footnote.

Line No.	Particulars (Details) (a)	Amount (b)
1	Net Income for the Year (Page 117)	715,331,601
2		
3		
4	Taxable Income Not Reported on Books	
5		65,267,318
6		
7		
8		
9	Deductions Recorded on Books Not Deducted for Return	
10		1,260,901,441
11		
12		75,676,687
13		
14	Income Recorded on Books Not Included in Return	
15		56,611,003
16		
17		
18		
19	Deductions on Return Not Charged Against Book Income	
20		1,577,866,005
21		
22		
23		
24		
25		
26		
27	Federal Tax Net Income	482,700,039
28	Show Computation of Tax:	
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Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 261 Line No.: 5 Column: b

Contribution in Aid of Construction	46,720,792
Contribution in Aid of Construction - Non Property	768,860
Fermi 2 Nonqualified Decom Fund Revenue	7,505,023
Transitional Recovery Mechanism	10,272,643
	<u>65,267,318</u>

Schedule Page: 261 Line No.: 10 Column: b

Equity in Earnings of C Corp Subs	13,375
Parking Disallowance	2,196,719
Lobbying	2,397,000
Meals & Entertainment	2,320,115
Book Depreciation	910,085,878
Nuclear Fuel Amortization	60,218,772
Uniform Cap Costs Avoided Interest	38,048,882
State Deferred Taxes	45,535,136
Reserve for Injuries and Damages	2,557,104
Loss on Reacquired Debt	3,188,944
Inventory Reserve	6,070,168
Environmental Reserve	648,168
Health Care Accrual	753,000
Plug In Electric Vehicle Amortization	1,248,013
Amortization of Fermi 3 Licensing Costs	4,842,518
Energy Optimization Over/Under Recovery	96,104
Accrued Bonus	1,062,600
Deferred Revenue	36,347
Original Issue Discount	151,396
Nuclear Refueling Outage Accrual	34,881,957
Ludington Fish Mortality	306,250
Interest Expense	797,904
Donations Perm	85,000
Fines and Penalties	4,789,019
Misc Perm Adjustment	135,460
Plant Disallowance	13,337,098
PSCR Over/Under Recovery	113,655,489
VEBA	11,443,025
	<u>1,260,901,441</u>

Schedule Page: 261 Line No.: 12 Column: b

Current	25,323,874
Deferred	56,262,614
Investment Tax Credit	-5,909,801
	<u>75,676,687</u>

Schedule Page: 261 Line No.: 15 Column: b

Renewable Energy Over/Under Recovery	31,804,261
Municipal Interest Income	6,033,533
AFUDC Equity	18,773,209
	<u>56,611,003</u>

Schedule Page: 261 Line No.: 20 Column: b

Self Implementation Refund	5,200,000
Employee Stock Ownership Plan	9,050,434
Customer 360 Reg Asset	12,693,760
Pension	18,108,437
Long Term Disability Plan	95,000
OPEB Regulatory Liability	10,128,042

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year/Period of Report
DTE Electric Company		04/15/2020	2019/Q4
FOOTNOTE DATA			

AFUDC Debt	9,200,908
Removal Costs	241,000,000
Tax Depreciation	619,669,342
Tax Depreciation - Bonus Depreciation	5,512,869
Nuclear Fuel Tax Depreciation	51,406,493
Bad Debt Reserve	6,774,035
Amort of Fermi 2 Licensing Costs	4,348,488
Computer Software Development Costs	90,163,630
Vacation Pay Accrual	1,358,183
Property Taxes	10,826,156
ACRS and MACRS Dispositions	21,688,315
Casualty Loss	85,000,000
Synthetic Lease	47,886
Section 263A Adjustment	91,609,793
Repairs Allowance	225,518,622
Deferred Gain - Parking Agrmt (MGM)	337,432
Reg Asset Amortization	122,435
Accrued Workers Comp	2,463,955
Renewable Energy Credits	1,419,875
Severance Plans	189,000
Legal Reserve	2,316,538
PERC Tracker	4,281,582
Tree Trimming	43,300,000
Advance Distribution Management System	3,004,785
Charging Forward	1,030,010
	<u>1,577,866,005</u>

Schedule Page: 261 Line No.: 27 Column: b

Net Income for Tax Year (Page 117)	715,331,601
Plus Federal Income Tax (Page 261, Line 12)	75,676,687
Total Pre-Tax Income	<u>791,008,288</u>
Plus Taxable Inc Not Reported on Books (Pg. 261, Ln 4)	65,267,318
Plus Ded's Recorded on Books not Ded (Pg. 261, Ln 9)	1,260,901,441
Minus Inc Recorded on Books not Inc (Pg. 261, Ln 14)	56,611,003
Minus Ded's on Return not on Books (Pg. 261, Ln 19)	<u>1,577,866,005</u>
Taxable Income	482,700,039
Tax Rate	21%
Tax	101,367,008
Prior Year Tax Credits Utilized	-75,668,404
NOL Utilization	-372,994
Filed Return to Accrual Adjustment	-1,736
Current Federal Income Tax	<u>25,323,874</u>

The respondent is a member of an affiliated group which intends to file a consolidated federal income tax return for 2019 on or before October 15, 2020.

Name of Group Members:
Parent: DTE Energy Company
First Tier Subsidiaries:
DTE Electric Company
DTE Enterprises, Inc.
Syndeco Realty Corporation
Wolverine Energy Services, Inc.
DTE Energy Ventures, Inc.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

The consolidated tax liability is allocated among the members based on each company's separate taxable income.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR

1. Give particulars (details) of the combined prepaid and accrued tax accounts and show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the taxed material was charged. If the actual, or estimated amounts of such taxes are known, show the amounts in a footnote and designate whether estimated or actual amounts.
2. Include on this page, taxes paid during the year and charged direct to final accounts, (not charged to prepaid or accrued taxes.) Enter the amounts in both columns (d) and (e). The balancing of this page is not affected by the inclusion of these taxes.
3. Include in column (d) taxes charged during the year, taxes charged to operations and other accounts through (a) accruals credited to taxes accrued, (b) amounts credited to proportions of prepaid taxes chargeable to current year, and (c) taxes paid and charged direct to operations or accounts other than accrued and prepaid tax accounts.
4. List the aggregate of each kind of tax in such manner that the total tax for each State and subdivision can readily be ascertained.

Line No.	Kind of Tax (See instruction 5) (a)	BALANCE AT BEGINNING OF YEAR		Taxes Charged During Year (d)	Taxes Paid During Year (e)	Adjustments (f)
		Taxes Accrued (Account 236) (b)	Prepaid Taxes (Include in Account 165) (c)			
1	Federal Income 2018	1,665			1,665	
2	Federal Income 2019			25,323,874	31,082,238	
3						
4	State/Local Income Tax 2018	-8,190,640			-8,190,640	
5	State/Local Income Tax 2019			16,442,761	24,367,863	
6						
7	Federal Unemployment 2018	223			223	
8	Federal Unemployment 2019			239,318	238,545	
9						
10	FICA 2018	616,823			616,823	
11	FICA 2019			45,263,932	44,495,450	
12						
13	Michigan Unemployment	1,749			1,749	
14	Michigan Unemployment			1,267,472	1,263,813	
15						
16	Use Tax 2018	116,204			116,204	
17	Use Tax 2019			12,693,252	13,044,594	
18						
19	MPSC Assessment 2018		3,384,086	3,384,086		
20	MPSC Assessment 2019			9,321,045	9,321,045	
21						
22	Local Property 2018 & Prior		47,037,632	154,484,881	107,447,249	
23	Local Property 2019			105,125,322	156,985,711	
24						
25	Miscellaneous Tax Liability					
26						
27	Other Tax Expense			270,198	270,198	
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	TOTAL	-7,453,976	50,421,718	373,816,141	381,062,730	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR (Continued)

5. If any tax (exclude Federal and State income taxes)- covers more than one year, show the required information separately for each tax year, identifying the year in column (a).
6. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment in a foot- note. Designate debit adjustments by parentheses.
7. Do not include on this page entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.
8. Report in columns (i) through (l) how the taxes were distributed. Report in column (i) only the amounts charged to Accounts 408.1 and 409.1 pertaining to electric operations. Report in column (l) the amounts charged to Accounts 408.1 and 109.1 pertaining to other utility departments and amounts charged to Accounts 408.2 and 409.2. Also shown in column (l) the taxes charged to utility plant or other balance sheet accounts.
9. For any tax apportioned to more than one utility department or account, state in a footnote the basis (necessity) of apportioning such tax.

BALANCE AT END OF YEAR		DISTRIBUTION OF TAXES CHARGED				Line No.
(Taxes accrued Account 236) (g)	Prepaid Taxes (Incl. in Account 165) (h)	Electric (Account 408.1, 409.1) (i)	Extraordinary Items (Account 409.3) (j)	Adjustments to Ret. Earnings (Account 439) (k)	Other (l)	
						1
-5,758,364		20,189,055			5,134,819	2
						3
						4
-7,925,102		14,866,482			1,576,279	5
						6
						7
773		203,667			35,651	8
						9
						10
768,482		35,615,537			9,648,395	11
						12
						13
3,659		1,169,035			98,437	14
						15
						16
-351,342		144,000			12,549,252	17
						18
		3,384,086				19
		9,321,045				20
						21
		152,953,624			1,531,257	22
	51,860,389	105,002,822			122,500	23
						24
						25
						26
		270,198				27
						28
						29
						30
						31
						32
						33
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-13,261,894	51,860,389	343,119,551			30,696,590	41

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255)

Report below information applicable to Account 255. Where appropriate, segregate the balances and transactions by utility and nonutility operations. Explain by footnote any correction adjustments to the account balance shown in column (g). Include in column (i) the average period over which the tax credits are amortized.

Line No.	Account Subdivisions (a)	Balance at Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Adjustments (g)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)	
1	Electric Utility						
2	3%						
3	4%						
4	7%						
5	10%	7,975,043			411.4	3,723,420	
6	Solar	41,506,905	190, 282, 283	999,048	411.4	1,719,551	
7	Ludington/Dearborn	87,541,190	190, 282, 283	33,589,783	411.4	466,830	
8	TOTAL	137,023,138		34,588,831		5,909,801	
9	Other (List separately and show 3%, 4%, 7%, 10% and TOTAL)						
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11							
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Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of <u>2019/Q4</u>
ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255) (continued)					
Balance at End of Year (h)	Average Period of Allocation to Income (i)	ADJUSTMENT EXPLANATION			Line No.
					1
					2
					3
					4
4,251,623					5
40,786,402					6
120,664,143					7
165,702,168					8
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (Account 242)		
1. Give description and amount of other current and accrued liabilities as of the end of year.		
2. Minor items may be grouped by classes, showing number of items in each class.		
Line No.	Item (a)	Balance End of Year (b)
1	Accrued Wages	\$15,179,044
2	Accrued Employee Incentives	23,636,200
3	Accrued Vacation	39,622,718
4	Employee Savings Plans	826,839
5	Employee Flexible Spending	357,613
6	Low Income Energy Assistance Fund	2,141,511
7	Current Portion - Environmental Remediation Costs	4,328,300
8	Accrued Health Care	8,540,064
9	Current Portion - Realized Deferred Gain	322,707
10	Current Portion - Workers Compensation	283,257
11	Fermi ARO	100,000
12	Fermi II Outage	39,236,212
13	CIAC Refundables	3,502,397
14	Current Portion - Contract Reserves	7,219,084
15	Current Portion - Customer Deposits	2,445,683
16	U-20284 Federal Income Tax Rate Reduction Refund	86,196
17	Accrued Penalties	2,947,710
18	Other Liabilities (6)	144,804
19		
20		
21		
22		
23		
24		
25		
26	TOTAL	\$150,920,339

CUSTOMER ADVANCES FOR CONSTRUCTION (Account 252)		
Line No.	List Advances by department (a)	Balance End of Year (b)
27	Customer advances for construction	\$18,449,528
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39	TOTAL	\$18,449,528

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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OTHER DEFERRED CREDITS (Account 253)

- Report below the particulars (details) called for concerning other deferred credits.
- For any deferred credit being amortized, show the period of amortization.
- Minor items (5% of the Balance End of Year for Account 253 or amounts less than \$100,000, whichever is greater) may be grouped by classes.

Line No.	Description and Other Deferred Credits (a)	Balance at Beginning of Year (b)	DEBITS		Credits (e)	Balance at End of Year (f)
			Contra Account (c)	Amount (d)		
1	Fermi 2 Decommissioning Fund	205,476,858	126, 403	15,316,416	58,950,328	249,110,770
2	LT Environmental Reserves	4,595,271	416	2,606,417	1,692,360	3,681,214
3	Deferred Compensation	3,984	926	1,233,580	1,234,539	4,943
4	Deferred Gain on Sale of Property	5,178,088	421.1	322,707		4,855,381
5	Renewable Energy Surcharge	1,397,245	431	1,484,587	87,342	
6	Notes Payable	13,986,007	107,416,431	17,869,160	14,451,847	10,568,694
7	Other Unearned Revenue	107,744	151, 454	247,447	3,018,570	2,878,867
8	Other LT Lease	1,006,365	227	1,006,365		
9	Other LT Obligation	297,126	549	27,799		269,327
10	Surety Bond	300,000				300,000
11	Penalties	662,800	426.3	662,800		
12	MI Dept. of Environmental Quality	550,000	232	100,000		450,000
13	Regulatory Surcharge Over Collect		407.3		1,358,588	1,358,588
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
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33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47	TOTAL	233,561,488		40,877,278	80,793,574	273,477,784

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 269 Line No.: 4 Column: b

Deferred Gain on Sale of Property is being amortized over the life of the lease, approximately 41 years.

Schedule Page: 269 Line No.: 6 Column: b

Notes Payable is being amortized over the term of the notes, approximately 3 years on software agreement and approximately 3 years on software and maintenance agreement.

Schedule Page: 269 Line No.: 7 Column: b

Other Unearned Revenue includes gain on sale of equipment being amortized approximately 17.5 years and rental agreement being amortized approximately 10 years.

Schedule Page: 269 Line No.: 8 Column: b

Other Long-Term (LT) Lease was reclassified to Obligations under Capital Lease (Account 227).

Schedule Page: 269 Line No.: 9 Column: b

Other Long-Term (LT) Obligation includes an annuity payment that is being amortized over the term of the contract, approximately 24 years.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ACCUMULATED DEFERRED INCOME TAXES - OTHER PROPERTY (Account 282)					
1. Report the information called for below concerning the respondent's accounting for deferred income taxes rating to property not subject to accelerated amortization					
2. For other (Specify), include deferrals relating to other income and deductions.					
Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR		
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)	
1	Account 282				
2	Electric	2,318,777,722	361,265,350	313,985,062	
3	Gas				
4					
5	TOTAL (Enter Total of lines 2 thru 4)	2,318,777,722	361,265,350	313,985,062	
6					
7					
8					
9	TOTAL Account 282 (Enter Total of lines 5 thru	2,318,777,722	361,265,350	313,985,062	
10	Classification of TOTAL				
11	Federal Income Tax				
12	State Income Tax				
13	Local Income Tax				
NOTES					

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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ACCUMULATED DEFERRED INCOME TAXES - OTHER PROPERTY (Account 282) (Continued)

3. Use footnotes as required.

CHANGES DURING YEAR		ADJUSTMENTS				Balance at End of Year (k)	Line No.
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	Debits		Credits			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)		
							1
68,075	2,833,857	182.3	499,661	186,255	8,523,320	2,371,315,887	2
							3
							4
68,075	2,833,857		499,661		8,523,320	2,371,315,887	5
							6
							7
							8
68,075	2,833,857		499,661		8,523,320	2,371,315,887	9
							10
							11
							12
							13

NOTES (Continued)

Name of Respondent DTE Electric Company	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
FOOTNOTE DATA			

Schedule Page: 274 Line No.: 2 Column: b

Description	Beginning	Ending
Includes FAS 109	23,236,616	20,857,278

Schedule Page: 274 Line No.: 2 Column: h

FAS 109 Amortization	499,661
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Schedule Page: 274 Line No.: 2 Column: j

AFUDC	5,524,088
Ludington ITC - Basis Adjustment	2,747,232
Dearborn CHP ITC - Basis Adjustment	252,000
	8,523,320

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to amounts recorded in Account 283.

2. For other (Specify),include deferrals relating to other income and deductions.

Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR	
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)
1	Account 283			
2	Electric			
3	(1) Property Tax	63,819,954	110,448,006	107,236,968
4	(2) Other	717,218,149	98,322,104	32,158,237
5				
6				
7				
8				
9	TOTAL Electric (Total of lines 3 thru 8)	781,038,103	208,770,110	139,395,205
10	Gas			
11				
12				
13				
14				
15				
16				
17	TOTAL Gas (Total of lines 11 thru 16)			
18				
19	TOTAL (Acct 283) (Enter Total of lines 9, 17 and 18)	781,038,103	208,770,110	139,395,205
20	Classification of TOTAL			
21	Federal Income Tax	273,433,610	162,340,631	139,395,205
22	State Income Tax	507,604,493	46,429,479	
23	Local Income Tax			

NOTES

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283) (Continued)

3. Provide in the space below explanations for Page 276 and 277. Include amounts relating to insignificant items listed under Other.

4. Use footnotes as required.

CHANGES DURING YEAR		ADJUSTMENTS				Balance at End of Year (k)	Line No.
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	Debits		Credits			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)		
							1
							2
						67,030,992	3
58,658	916,152	186,283	9,040,406	190,282	7,461,598	780,945,714	4
							5
							6
							7
							8
58,658	916,152		9,040,406		7,461,598	847,976,706	9
							10
							11
							12
							13
							14
							15
							16
							17
							18
58,658	916,152		9,040,406		7,461,598	847,976,706	19
							20
	9,746		2,375,766		7,461,598	301,455,122	21
58,658	906,406		6,664,640			546,521,584	22
							23

NOTES (Continued)

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year/Period of Report
DTE Electric Company		04/15/2020	2019/Q4
FOOTNOTE DATA			

Schedule Page: 276 Line No.: 4 Column: b

PSCR Under Recovery	24,406,217
Health Care Accrual	422,628
Equity Earnings In Partnerships-Book	506,633
EIB Insurance	6,070,856
Reserve Environmental Clean	-1,545,883
Loss on Reacquired Debt	9,243,312
Deferred Plug-in Electric Vehicle Costs	523,765
Supplemental Savings Plan	-837
Original Issue Discount	-60,970
Employee Benefits	99,726,821
Customer 360 Regulatory Asset	8,783,753
Transitional Reconciliation Mechanism	7,350,858
Energy Optimization	5,721,289
Reg Asset Amortization	4,664
Reg Asset - Medicare Subsidy - Gross-up	1,502,382
Reg Asset - PERC Tracker	9,104,534
Reg Asset - MCIT - Gross-up	33,833,301
Reg Asset - City of Detroit - Gross-up	1,672,449
Reg Asset - AFUDC - Gross-up	1,035,747
Reg Asset - 2018 MCIT Apportionment Rate Change	1,312,137
State Deferred Taxes	507,604,493
	<hr/> 717,218,149

Schedule Page: 276 Line No.: 4 Column: c

Original Issue Discount	29,177
Employee Benefits	35,341,517
Customer 360 Regulatory Asset	2,665,690
Energy Optimization	2,991,091
Reg Asset - Charging Forward	216,302
Tree Trimming	9,093,000
Advance Distribution Mgmt System	631,005
Reg Asset Amortization	25,711
Reg Asset - PERC Tracker	899,132
State Deferred Taxes	46,429,479
	<hr/> 98,322,104

Schedule Page: 276 Line No.: 4 Column: d

PSCR Under Recovery	23,867,653
Health Care Accrual	133,377
EIB Insurance	322,516
Reserve Environmental Clean	136,115
Loss on Reacquired Debt	730,647
Deferred Plug-in Electric Vehicle Costs	262,083
Supplemental Savings Plan	201
Employee Benefits	4,511,623
Transitional Reconciliation Mechanism	2,194,022
	<hr/> 32,158,237

Schedule Page: 276 Line No.: 4 Column: e

State Deferred Taxes	58,658
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Schedule Page: 276 Line No.: 4 Column: f

Equity Earnings In Partnerships-Book	9,746
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Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

State Deferred Taxes	906,406
	916,152

Schedule Page: 276 Line No.: 4 Column: h

Reg Asset - Medicare Subsidy - Gross-up	250,397
Reg Asset - MCIT - Gross-up	1,991,476
Reg Asset - City of Detroit - Gross-up	116,075
Reg Asset - 2018 MCIT Apportionment Rate Change	17,818
State Deferred Taxes	6,664,640
	9,040,406

Schedule Page: 276 Line No.: 4 Column: j

Employee Benefits	7,461,598
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Schedule Page: 276 Line No.: 4 Column: k

PSCR Under Recovery	538,562
Health Care Accrual	289,251
Equity Earnings In Partnerships-Book	496,884
EIB Insurance	5,748,340
Reserve Environmental Clean	-1,681,998
Loss on Reacquired Debt	8,512,665
Deferred Plug-in Electric Vehicle Costs	261,682
Supplemental Savings Plan	-1,038
Original Issue Discount	-31,793
Employee Benefits	138,018,318
Customer 360 Regulatory Asset	11,449,443
Transitional Reconciliation Mechanism	5,156,836
Energy Optimization	8,712,380
Reg Asset - Charging Forward	216,302
Tree Trimming	9,093,000
Advance Distribution Mgmt System	631,005
Reg Asset Amortization	30,375
Reg Asset - Medicare Subsidy - Gross-up	1,251,985
Reg Asset - PERC Tracker	10,003,666
Reg Asset - MCIT - Gross-up	1,556,374
Reg Asset - City of Detroit - Gross-up	31,841,825
Reg Asset - AFUDC - Gross-up	1,035,747
Reg Asset - 2018 MCIT Apportionment Rate Change	1,294,319
State Deferred Taxes	546,521,584
	780,945,714

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020		Year/Period of Report End of 2019/Q4	
OTHER REGULATORY LIABILITIES (Account 254)							
1. Report below the particulars (details) called for concerning other regulatory liabilities, including rate order docket number, if applicable. 2. Minor items (5% of the Balance in Account 254 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes. 3. For Regulatory Liabilities being amortized, show period of amortization.							
Line No.	Description and Purpose of Other Regulatory Liabilities (a)	Balance at Beginning of Current Quarter/Year (b)	DEBITS		Credits (e)	Balance at End of Current Quarter/Year (f)	
			Account Credited (c)	Amount (d)			
1	Renewable Energy (U-15806-RPS)	86,290,183	449.1	43,224,092	11,419,831	54,465,922	
2	Other Post Employ Benefits Deferral (U-17767)	78,892,423	926,407.4, 228.3	36,228,307	26,100,265	68,764,381	
3	2017 Tax Reform (U-18494) (1)	1,953,968,634	190,283,410.1	47,140,181		1,906,828,453	
4	Capitalized OPEB Non-Service Costs (U-18255)	10,631,738	407.4	658,174	10,766,080	20,739,644	
5							
6							
7							
8							
9	(1) Amortization period of 23 years						
10	beginning May 2019.						
11							
12							
13	Note: Above docket numbers refer to original						
14	authorization of regulatory liability.						
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
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29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41	TOTAL	2,129,782,978		127,250,754	*****	2,050,818,400	

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
GAIN OR LOSS ON DISPOSITION OF PROPERTY (Account 421.1 and 421.2)					
<p>1. Give a brief description of property creating the gain or loss. Include name of party acquiring the property (when acquired by another utility or associated company) and the date transaction was completed. Identify property by type: Leased, Held for Future Use, or Nonutility.</p> <p>2. Individual gains or losses relating to property with an original cost of less than \$100,000 may be grouped with the number of such transactions disclosed in column (a).</p> <p>3. Give the date of Commission approval of journal entries in column (b), when approval is required. Where approval is required but has not been received, give explanation following the item in column (a). (See account 102, Utility Plant Purchased or Sold.)</p>					
Line No.	Description of Property (a)	Original Cost of Related Property (b)	Date Journal Entry Approved (When Required) (c)	Account 421.1 (d)	Account 421.2 (e)
1	Gain on disposition of property:				
2					
3	Deferred gain from MGM Land Sale (2005)				
4	Deferred gain is recognized over the life of				
5	the parking garage agreement between				
6	MGM & DTE (41 years-beginning in 2006).	\$ 2,501,715		\$ 337,432	
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17	Total Gain	\$ 2,501,715		\$ 337,432	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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GAIN OR LOSS ON DISPOSITION OF PROPERTY (Account 421.1 and 421.2) (Continued)

Line No.	Description of Property (a)	Original Cost of Related Property (b)	Date Journal Entry Approved (When Required) (c)	Account 421.1 (d)	Account 421.2 (e)
18	Loss on disposition of property:				
19					
20					
21	None				
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34	Total Loss	\$ -			\$ -

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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PARTICULARS CONCERNING CERTAIN OTHER INCOME ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective other income accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added for any account if deemed necessary.

2. Merchandising, Jobbing and Contract Work (Accounts 415 and 416) - Describe the general nature of merchandising, jobbing and contract activities. Show revenues by class of activity, operating expenses classified as to operation, maintenance, depreciation, rents and net income before taxes. Give the bases of any allocations of expenses between utility and merchandising, jobbing and contract work activities.

3. Nonutility Operations (Accounts 417 and 417.1) - Describe each nonutility operation and show revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, and net income before taxes, from the operation. Give the bases of any allocations of expenses between utility and nonutility operations. The book cost of property classified as nonutility operations should be included in Account 121.

4. Nonoperating Rental Income (Account 418) - For each major item of miscellaneous property included in Account 121, Nonutility Property, which is not used in operations for which income is included in Account 417, but which is leased or rented to others, give name of lessee, brief description of property, effective

date and expiration date of lease, amount of rent revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, and net income, before taxes, from the rentals. If the property is leased on a basis other than that of a fixed annual rental, state the method of determining the rental. Minor items may be grouped by classes, but the number of items so grouped should be shown. Designate any lessees which are associated companies.

5. Equity in earnings of subsidiary companies (Account 418.1) - Report the utility's equity in the earnings or losses of each subsidiary company for the year.

6. Interest and Dividend Income (Account 419) - Report interest and dividend income, before taxes, identified as to the asset account or group of accounts in which are included the assets from which the interest or dividend income was derived. Income derived from investments, Accounts 123, 124 and 136 may be shown in total. Income from sinking and other funds should be identified with the related special funds. Show also expenses included in Account 419 as required by the Uniform System of Accounts.

7. Miscellaneous Nonoperating Income (Account 421) - Give the nature and source of each miscellaneous nonoperating income, and expense and the amount for the year. Minor items may be grouped by classes.

Line No.	Item (a)	Amount (b)
1	<u>Merchandising, Jobbing and Contract Work (Accounts 415 and 416)</u>	
2	Revenues from Merchandising, Jobbing and Contract Work	37,791,238
3	Cost of Merchandising, Jobbing and Contract Work	(40,469,526)
4	Total Accounts 415 and 416	(2,678,288)
5		
6	<u>Non-utility Operations (Accounts 417 and 417.1)</u>	
7	Revenues from non-utility operations	6,196,243
8	Expenses of non-utility operations	-
9	Total Accounts 417 and 417.1	6,196,243
10		
11		
12	<u>Non-operating Rental Income (Account 418)</u>	None
13		
14		
15	<u>Equity in Earnings of Subsidiary Companies (Account 418.1)</u>	
16	Midwest Energy Resources Company	(12,361)
17	St. Clair Energy Company	(1,014)
18	Total Account 418.1	(13,375)
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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PARTICULARS CONCERNING CERTAIN OTHER INCOME ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective other income accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added for any account if deemed necessary.

2. Merchandising, Jobbing and Contract Work (Accounts 415 and 416) - Describe the general nature of merchandising, jobbing and contract activities. Show revenues by class of activity, operating expenses classified as to operation, maintenance, depreciation, rents and net income before taxes. Give the bases of any allocations of expenses between utility and merchandising, jobbing and contract work activities.

3. Nonutility Operations (Accounts 417 and 417.1) - Describe each nonutility operation and show revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, and net income before taxes, from the operation. Give the bases of any allocations of expenses between utility and nonutility operations. The book cost of property classified as nonutility operations should be included in Account 121.

4. Nonoperating Rental Income (Account 418) - For each major item of miscellaneous property included in Account 121, Nonutility Property, which is not used in operations for which income is included in Account 417, but which is leased or rented to others, give name of lessee, brief description of property, effective

date and expiration date of lease, amount of rent revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, and net income, before taxes, from the rentals. If the property is leased on a basis other than that of a fixed annual rental, state the method of determining the rental. Minor items may be grouped by classes, but the number of items so grouped should be shown. Designate any lessees which are associated companies.

5. Equity in earnings of subsidiary companies (Account 418.1) - Report the utility's equity in the earnings or losses of each subsidiary company for the year.

6. Interest and Dividend Income (Account 419) - Report interest and dividend income, before taxes, identified as to the asset account or group of accounts in which are included the assets from which the interest or dividend income was derived. Income derived from investments, Accounts 123, 124 and 136 may be shown in total. Income from sinking and other funds should be identified with the related special funds. Show also expenses included in Account 419 as required by the Uniform System of Accounts.

7. Miscellaneous Nonoperating Income (Account 421) - Give the nature and source of each miscellaneous nonoperating income, and expense and the amount for the year. Minor items may be grouped by classes.

Line No.	Item (a)	Amount (b)
1	Interest and Dividend Income (Account 419)	
2	Interest from Affiliates	683,031
3	MISO Interest	546,679
4	Note Receivable Interest	429,371
5	Total Account 419	1,659,081
6		
7		
8	Allowance for Other Funds Used During Construction (Account 419.1)	
9	AFUDC - Electric	22,168,579
10	Total Account 419.1	22,168,579
11		
12		
13	Miscellaneous Non-operating Income (Account 421)	
14	Rabbi Trust - Investment Income	37,375,070
15	Energy Insurance Services, Inc - Investment Gains	2,362,571
16	Fermi 1 Fund - Investment Income	122,063
17	Equity Earnings Detroit Investment Fund	99,475
18	Accretion Expense Fermi 1 ARO	(1,272,440)
19	Total Account 421	38,686,739
20		
21		
22		
23		
24		
25		
26		
27		
28		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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ELECTRIC OPERATING REVENUES (Account 400)

1. The following instructions generally apply to the annual version of these pages. Do not report quarterly data in columns (c), (e), (f), and (g). Unbilled revenues and MWH related to unbilled revenues need not be reported separately as required in the annual version of these pages.
2. Report below operating revenues for each prescribed account, and manufactured gas revenues in total.
3. Report number of customers, columns (f) and (g), on the basis of meters, in addition to the number of flat rate accounts; except that where separate meter readings are added for billing purposes, one customer should be counted for each group of meters added. The -average number of customers means the average of twelve figures at the close of each month.
4. If increases or decreases from previous period (columns (c),(e), and (g)), are not derived from previously reported figures, explain any inconsistencies in a footnote.
5. Disclose amounts of \$250,000 or greater in a footnote for accounts 451, 456, and 457.2.

Line No.	Title of Account (a)	Operating Revenues Year to Date Quarterly/Annual (b)	Operating Revenues Previous year (no Quarterly) (c)
1	Sales of Electricity		
2	(440) Residential Sales	2,426,890,337	2,491,361,290
3	(442) Commercial and Industrial Sales		
4	Small (or Comm.) (See Instr. 4)	1,795,342,559	1,798,310,545
5	Large (or Ind.) (See Instr. 4)	658,840,187	685,985,665
6	(444) Public Street and Highway Lighting	54,897,933	53,376,333
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales		
10	TOTAL Sales to Ultimate Consumers	4,935,971,016	5,029,033,833
11	(447) Sales for Resale	60,291,501	63,501,457
12	TOTAL Sales of Electricity	4,996,262,517	5,092,535,290
13	(Less) (449.1) Provision for Rate Refunds	-43,878,772	-25,617,996
14	TOTAL Revenues Net of Prov. for Refunds	5,040,141,289	5,118,153,286
15	Other Operating Revenues		
16	(450) Forfeited Discounts	14,895,678	15,652,175
17	(451) Miscellaneous Service Revenues	9,220,701	8,215,757
18	(453) Sales of Water and Water Power	30,703	31,840
19	(454) Rent from Electric Property	15,264,362	15,053,930
20	(455) Interdepartmental Rents	46,802,182	43,473,038
21	(456) Other Electric Revenues	12,549,391	3,356,277
22	(456.1) Revenues from Transmission of Electricity of Others	79,244,052	82,108,134
23	(457.1) Regional Control Service Revenues		
24	(457.2) Miscellaneous Revenues		
25			
26	TOTAL Other Operating Revenues	178,007,069	167,891,151
27	TOTAL Electric Operating Revenues	5,218,148,358	5,286,044,437

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC OPERATING REVENUES (Account 400)					
6. Commercial and industrial Sales, Account 442, may be classified according to the basis of classification (Small or Commercial, and Large or Industrial) regularly used by the respondent if such basis of classification is not generally greater than 1000 Kw of demand. (See Account 442 of the Uniform System of Accounts. Explain basis of classification in a footnote.) 7. See pages 108-109, Important Changes During Period, for important new territory added and important rate increase or decreases. 8. For Lines 2,4,5,and 6, see Page 304 for amounts relating to unbilled revenue by accounts. 9. Include unmetered sales. Provide details of such Sales in a footnote.					
MEGAWATT HOURS SOLD		AVG.NO. CUSTOMERS PER MONTH			Line
Year to Date Quarterly/Annual (d)	Amount Previous year (no Quarterly) (e)	Current Year (no Quarterly) (f)	Previous Year (no Quarterly) (g)	No.	
					1
15,065,768	15,938,964	2,003,510	1,991,840		2
					3
16,954,649	17,324,339	203,620	202,809		4
9,826,006	10,302,239	735	756		5
226,212	223,802	1,060	1,068		6
					7
					8
					9
42,072,635	43,789,344	2,208,925	2,196,473		10
3,045,609	2,803,802				11
45,118,244	46,593,146	2,208,925	2,196,473		12
					13
45,118,244	46,593,146	2,208,925	2,196,473		14
Line 12, column (b) includes \$ -361,433 of unbilled revenues. Line 12, column (d) includes -154,241 MWH relating to unbilled revenues					

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 300 Line No.: 17 Column: b

Total includes the following amounts: \$3,923,852 Contribution in Aid of Construction, \$3,013,121 Reconnect at Meter, \$1,466,250 New Service Charge, \$718,425 AMI Opt Out Fees, \$466,898 Unauthorized Use Fees, and (\$367,845) of items that do not individually meet the \$250,000 threshold.

Schedule Page: 300 Line No.: 21 Column: b

Total includes the following amounts: \$9,148,250 Non-Compliance Interrupt Penalty, \$1,547,194 Steam Sales, \$944,661 Sales & Use Tax Collection Fees, \$662,430 Returned Check Fees, \$87,228 Unauthorized Use Charge, and \$159,628 Miscellaneous.

Schedule Page: 300 Line No.: 22 Column: b

Consists of \$68,537,471 Electric Choice Revenue, \$10,135,391 Ancillary Transmission Services Revenue, and \$571,190 Wholesale Delivery Services Revenue.

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

CUSTOMER CHOICE ELECTRIC OPERATING REVENUES

1. Report below operating revenues for each prescribed account.
2. Report number of customers, columns (f) and (g), on the basis of meters, in addition to the number of flat rate accounts; except that where separate meter readings are added for billing purposes, one customer should be counted for each group of meters added. The average number of customers means the average of twelve figures at the close of each month.
3. If increases or decreases from previous year (columns (c), (e), and (g)), are not derived from previously reported figures explain any inconsistencies in a footnote.

Line No.	Title of Account (a)	OPERATING REVENUES	
		Amount for Year (b)	Amount for Previous Year (c)
1	Customer Choice Sales of Electricity		
2	Residential Sales	43,965	25,986
3	Commercial and Industrial Sales		
4	Small (or Commercial)	57,720,480	58,419,968
5	Large (or Industrial)	10,773,026	13,999,160
6			
7			
8			
9			
10			
11			
12	TOTAL Customer Choice Sales	68,537,471	72,445,114
13			
14			
15	TOTAL Sales of Electricity		
16			
17			
18	TOTAL Revenue Net of Provision for Refunds		
19	Other Operating Revenues		
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30	TOTAL Other Operating Revenues		
31			
32	TOTAL Electric Operating Revenues		

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

CUSTOMER CHOICE ELECTRIC OPERATING REVENUES (Continued)

4. Commercial and Industrial Sales, Account 442, may be classified according to the basis of classification (Small or Commercial, and Large or Industrial) regularly used by the respondent if such basis of classification is not generally greater than 1000 Kw of demand. (See Account 442 of the Uniform System of Accounts. Explain basis of classification in footnote.)
5. See Page 108, Important Changes During Year, for important new territory added and important rate increases or decreases.
6. For line 2, 4, 5, and 6, see page 304 for amounts relating to unbilled revenue by account.
7. Include unmetered sales. Provide details of such sales in a footnote.

MEGAWATT HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH		Line No.
Amount for Year (d)	Amount for Previous Year (e)	Number for Year (f)	Number or Previous Year (g)	
626	367	32	36	1
				2
				3
2,806,254	2,812,427	4,341	4,417	4
1,743,381	1,924,619	101	110	5
				6
				7
				8
				9
				10
				11
4,550,261	4,737,413	4,474	4,563	12
				13
				14
				15
				16
				17
				18

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

CUSTOMER CHOICE ELECTRIC OPERATING REVENUES

Line No.	Footnotes
1	
2	
3	Footnote pages 302(M) and 303(M) line 4: Small (or Commercial) class consists of manufacturing and
4	non-manufacturing customers taking electric service at Secondary service voltage levels and non
5	manufacturing customers taking service at Primary service (or greater) voltage levels.
6	
7	Footnote pages 302(M) and 303(M) line 5: Large (or Industrial) class consists of manufacturing
8	customers taking electric service at Primary service (or greater) voltage levels.
9	
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SALES OF ELECTRICITY BY RATE SCHEDULES

- Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customer, average Kwh per customer, and average revenue per Kwh, excluding date for Sales for Resale which is reported on Pages 310-311.
- Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," Page 300-301. If the sales under any rate schedule are classified in more than one revenue account, List the rate schedule and sales data under each applicable revenue account subheading.
- Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
- The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
- For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
- Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	(440) Residential					
2	Dynamic Peak Pricing Rate	61,522	9,493,892	7,973	7,716	0.1543
3	Experimental Electric Vehicle Rat	4,851	537,137	2,061	2,354	0.1107
4	Geothermal Time of Day	124,963	13,855,138	8,255	15,138	0.1109
5	Interruptible Space Conditioning	333,251	48,260,983	271,886	1,226	0.1448
6	Outdoor Protective Lighting	7,238	1,942,683	8,675	834	0.2684
7	Residential Service Rate	13,845,281	2,259,450,505	1,931,411	7,168	0.1632
8	Residential Space Heating Rate	310,941	43,310,431	30,156	10,311	0.1393
9	Residential Special Low Income Pi	201,015	20,261,726	25,049	8,025	0.1008
10	Residential Time Of Day Service	164,941	24,225,224	8,937	18,456	0.1469
11	Water Heating Service Rate	119,993	14,267,992	49,516	2,423	0.1189
12	Change in Unbilled	-108,227	-6,901,148			0.0638
13	Miscellaneous Adjustments	-1	-1,814,226	-340,409		1,814.2260
14	Subtotal	15,065,768	2,426,890,337	2,003,510	7,520	0.1611
15						
16	(442) Commercial					
17	All Electric School Building	22,990	2,279,587	25	919,600	0.0992
18	Alternative Electric Metal Meltin	2,754	289,263	8	344,250	0.1050
19	Commercial Space Heating	79,791	8,613,762	1,713	46,580	0.1080
20	Distributed Generation	18	-447	6	3,000	-0.0248
21	Dynamic Peak Pricing Rate	414	50,299	1	414,000	0.1215
22	Electric Process Heat	58,325	4,925,973	63	925,794	0.0845
23	Experimental Electric Vehicle Rat	36	6,200	6	6,000	0.1722
24	General Service Rate	7,271,485	911,383,451	189,840	38,303	0.1253
25	Geothermal Time of Day	8,414	970,960	133	63,263	0.1154
26	Greenhouse Lighting Service	3,374	268,507	8	421,750	0.0796
27	Interruptible General Service	85,745	9,043,870	116	739,181	0.1055
28	Interruptible Space Conditioning	5,816	704,077	887	6,557	0.1211
29	Interruptible Supply	446,154	31,340,171	102	4,374,059	0.0702
30	Large General Service Rate	2,131,081	238,266,028	8,203	259,793	0.1118
31	Outdoor Protective Lighting	26,107	6,046,853	9,269	2,817	0.2316
32	Parallel Operation & Standby Serv	65,611	4,526,025	36	1,822,528	0.0690
33	Primary Educ. Instit.	527,384	48,811,507	130	4,056,800	0.0926
34	Primary Supply Rate	5,802,649	478,461,919	1,449	4,004,589	0.0825
35	Secondary Educational Institution	348,239	35,499,877	1,195	291,413	0.1019
36	Unmetered General Service Rate	87,525	9,362,060	2,056	42,571	0.1070
37	Water Heating Service Rate	7,173	650,309	803	8,933	0.0907
38	Change in Unbilled	-25,715	3,982,031			-0.1549
39	Miscellaneous Adjustments	-721	-139,723	-12,429	58	0.1938
40	Subtotal	16,954,649	1,795,342,559	203,620	83,266	0.1059
41	TOTAL Billed	42,226,876	4,936,332,449	2,208,925	19,116	0.1169
42	Total Unbilled Rev.(See Instr. 6)	-154,241	-361,433	0	0	0.0023
43	TOTAL	42,072,635	4,935,971,016	2,208,925	19,047	0.1173

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SALES OF ELECTRICITY BY RATE SCHEDULES

- Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customer, average Kwh per customer, and average revenue per Kwh, excluding date for Sales for Resale which is reported on Pages 310-311.
- Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," Page 300-301. If the sales under any rate schedule are classified in more than one revenue account, List the rate schedule and sales data under each applicable revenue account subheading.
- Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
- The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
- For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
- Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	(442) Industrial					
2	Alternative Electric Metal Meltin	58,081	3,703,545	10	5,808,100	0.0638
3	Electric Process Heat	423,654	29,478,867	127	3,335,858	0.0696
4	Interruptible Supply	271,555	18,904,037	55	4,937,364	0.0696
5	Interruptible Supply Rider	1,535,740	86,421,821	61	25,176,066	0.0563
6	Parallel Operation & Standby Serv	42,981	2,504,126	11	3,907,364	0.0583
7	Primary Supply Rate	7,516,010	515,440,962	680	11,052,956	0.0686
8	Change in Unbilled	-22,016	1,959,940			-0.0890
9	Miscellaneous Adjustments	1	426,889	-209	-5	426.8890
10	Subtotal	9,826,006	658,840,187	735	13,368,716	0.0671
11						
12	(444) Public Street & Highway Lt.					
13	Municipal Street Lighting	165,329	49,397,641	1,334	123,935	0.2988
14	Traffic and Signal Lights	59,166	4,873,892	143	413,748	0.0824
15	Change in Unbilled	1,717	597,744			0.3481
16	Miscellaneous Adjustments		28,656	-417		
17	Subtotal	226,212	54,897,933	1,060	213,408	0.2427
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40						
41	TOTAL Billed	42,226,876	4,936,332,449	2,208,925	19,116	0.1169
42	Total Unbilled Rev.(See Instr. 6)	-154,241	-361,433	0	0	0.0023
43	TOTAL	42,072,635	4,935,971,016	2,208,925	19,047	0.1173

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

CUSTOMER CHOICE SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, avg number of customers, average KWh per customer, and average revenue per KWh, excluding data for Sales for Resale, which is reported on pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," page 301. If the sales under any rate schedule are classified in more than one revenue account, list the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate Schedule	MWh Sold	Revenue	Avg. No. of Customers	KWh of Sales per Customer	Revenue per KWh Sold
	(a)	(b)	(c)	(d)	(e)	(f)
1	EC2 Retail Access	4,582,296	68,431,269	4,474	1,024,206	\$ 0.014934
2	Unbilled Revenue	(32,035)	106,202	4,474	(7,160)	\$ (0.003315)
3						
4						
5						
6						
7	Note: Customer counts on rows 1 and 2 represent the same customers. As a result, the total number of customers value in row 36 is adjusted to represent the true actual number of customers.					
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28						
29						
30						
31						
32						
33						
34	Total Billed	4,582,296	\$ 68,431,269	4,474	1,024,206	\$ 0.014934
35	Total Unbilled Rev. (See Instr. 6)	(32,035)	\$ 106,202	4,474	(7,160)	\$ (0.003315)
36	TOTAL	4,550,261	\$ 68,537,471	4,474	1,017,046	\$ 0.015062

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

AD - for Out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP)

demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
2,923,138		57,010,161		57,010,161	1
		1,017		1,017	2
119,822		3,401,141		3,401,141	3
		531		531	4
		1,500		1,500	5
		10,416		10,416	6
		1,615		1,615	7
4,370		-87,712		-87,712	8
-1,721		-47,168		-47,168	9
					10
					11
					12
					13
					14
0	0	0	0	0	
3,045,609	0	60,291,501	0	60,291,501	
3,045,609	0	60,291,501	0	60,291,501	

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 310 Line No.: 1 Column: a

This revenue represents our sales to MISO, our area's independent grid operator.

Schedule Page: 310 Line No.: 2 Column: a

The activity in rows 2-8 relates to renewable energy purchase power agreements.

Schedule Page: 310 Line No.: 4 Column: a

Blue Water Renewables, Inc is a wholly owned, indirect subsidiary of DTE Energy Company. Complete details of ownership structure is found on page 102a.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC OPERATION AND MAINTENANCE EXPENSES					
If the amount for previous year is not derived from previously reported figures, explain in footnote.					
Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)		
1	1. POWER PRODUCTION EXPENSES				
2	A. Steam Power Generation				
3	Operation				
4	(500) Operation Supervision and Engineering	14,914,952	16,488,360		
5	(501) Fuel	645,581,046	710,549,495		
6	(502) Steam Expenses	11,857,107	18,622,607		
7	(503) Steam from Other Sources				
8	(Less) (504) Steam Transferred-Cr.				
9	(505) Electric Expenses	4,745,942	4,397,151		
10	(506) Miscellaneous Steam Power Expenses	51,790,582	60,074,174		
11	(507) Rents				
12	(509) Allowances	8,138,426	9,790,360		
13	TOTAL Operation (Enter Total of Lines 4 thru 12)	737,028,055	819,922,147		
14	Maintenance				
15	(510) Maintenance Supervision and Engineering	448,884	190,134		
16	(511) Maintenance of Structures	10,967,871	11,924,657		
17	(512) Maintenance of Boiler Plant	62,242,513	81,100,327		
18	(513) Maintenance of Electric Plant	21,369,985	24,178,429		
19	(514) Maintenance of Miscellaneous Steam Plant	58,786,530	29,966,735		
20	TOTAL Maintenance (Enter Total of Lines 15 thru 19)	153,815,783	147,360,282		
21	TOTAL Power Production Expenses-Steam Power (Entr Tot lines 13 & 20)	890,843,838	967,282,429		
22	B. Nuclear Power Generation				
23	Operation				
24	(517) Operation Supervision and Engineering	14,878,938	21,276,774		
25	(518) Fuel	60,218,772	45,199,863		
26	(519) Coolants and Water	2,898,317	6,490,476		
27	(520) Steam Expenses	18,796,970	8,867,422		
28	(521) Steam from Other Sources				
29	(Less) (522) Steam Transferred-Cr.				
30	(523) Electric Expenses	4,350,730	4,080,210		
31	(524) Miscellaneous Nuclear Power Expenses	63,944,494	59,571,058		
32	(525) Rents				
33	TOTAL Operation (Enter Total of lines 24 thru 32)	165,088,221	145,485,803		
34	Maintenance				
35	(528) Maintenance Supervision and Engineering	15,287,042	22,558,712		
36	(529) Maintenance of Structures	18,901,929	18,952,793		
37	(530) Maintenance of Reactor Plant Equipment	40,680,247	19,500,738		
38	(531) Maintenance of Electric Plant	9,336,125	18,486,904		
39	(532) Maintenance of Miscellaneous Nuclear Plant	12,427,657	7,886,327		
40	TOTAL Maintenance (Enter Total of lines 35 thru 39)	96,633,000	87,385,474		
41	TOTAL Power Production Expenses-Nuc. Power (Entr tot lines 33 & 40)	261,721,221	232,871,277		
42	C. Hydraulic Power Generation				
43	Operation				
44	(535) Operation Supervision and Engineering	1,999,842	2,488,675		
45	(536) Water for Power				
46	(537) Hydraulic Expenses	878,962	1,299,908		
47	(538) Electric Expenses	1,014,994	1,131,480		
48	(539) Miscellaneous Hydraulic Power Generation Expenses	358,986	246,366		
49	(540) Rents				
50	TOTAL Operation (Enter Total of Lines 44 thru 49)	4,252,784	5,166,429		
51	C. Hydraulic Power Generation (Continued)				
52	Maintenance				
53	(541) Maintenance Supervision and Engineering	454,736	525,789		
54	(542) Maintenance of Structures	728,370	561,930		
55	(543) Maintenance of Reservoirs, Dams, and Waterways	891,256	908,484		
56	(544) Maintenance of Electric Plant	2,184,216	1,046,403		
57	(545) Maintenance of Miscellaneous Hydraulic Plant	1,590,653	2,358,048		
58	TOTAL Maintenance (Enter Total of lines 53 thru 57)	5,849,231	5,400,654		
59	TOTAL Power Production Expenses-Hydraulic Power (tot of lines 50 & 58)	10,102,015	10,567,083		

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)					
If the amount for previous year is not derived from previously reported figures, explain in footnote.					
Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)		
60	D. Other Power Generation				
61	Operation				
62	(546) Operation Supervision and Engineering				
63	(547) Fuel	51,727,571	75,637,149		
64	(548) Generation Expenses	3,291,455	2,764,145		
65	(549) Miscellaneous Other Power Generation Expenses	9,843,940	4,674,402		
66	(550) Rents				
67	TOTAL Operation (Enter Total of lines 62 thru 66)	64,862,966	83,075,696		
68	Maintenance				
69	(551) Maintenance Supervision and Engineering				
70	(552) Maintenance of Structures				
71	(553) Maintenance of Generating and Electric Plant	21,711,590	20,530,591		
72	(554) Maintenance of Miscellaneous Other Power Generation Plant				
73	TOTAL Maintenance (Enter Total of lines 69 thru 72)	21,711,590	20,530,591		
74	TOTAL Power Production Expenses-Other Power (Enter Tot of 67 & 73)	86,574,556	103,606,287		
75	E. Other Power Supply Expenses				
76	(555) Purchased Power	401,123,107	478,213,826		
77	(556) System Control and Load Dispatching	4,233,276	3,975,572		
78	(557) Other Expenses	-120,749,654	-102,233,218		
79	TOTAL Other Power Supply Exp (Enter Total of lines 76 thru 78)	284,606,729	379,956,180		
80	TOTAL Power Production Expenses (Total of lines 21, 41, 59, 74 & 79)	1,533,848,359	1,694,283,256		
81	2. TRANSMISSION EXPENSES				
82	Operation				
83	(560) Operation Supervision and Engineering				
84					
85	(561.1) Load Dispatch-Reliability				
86	(561.2) Load Dispatch-Monitor and Operate Transmission System				
87	(561.3) Load Dispatch-Transmission Service and Scheduling				
88	(561.4) Scheduling, System Control and Dispatch Services	10,558,803	11,692,353		
89	(561.5) Reliability, Planning and Standards Development				
90	(561.6) Transmission Service Studies				
91	(561.7) Generation Interconnection Studies				
92	(561.8) Reliability, Planning and Standards Development Services	759,206	840,711		
93	(562) Station Expenses	485	13,934		
94	(563) Overhead Lines Expenses				
95	(564) Underground Lines Expenses				
96	(565) Transmission of Electricity by Others	326,173,138	310,083,611		
97	(566) Miscellaneous Transmission Expenses	15,936,009	21,291,453		
98	(567) Rents				
99	TOTAL Operation (Enter Total of lines 83 thru 98)	353,427,641	343,922,062		
100	Maintenance				
101	(568) Maintenance Supervision and Engineering				
102	(569) Maintenance of Structures				
103	(569.1) Maintenance of Computer Hardware				
104	(569.2) Maintenance of Computer Software				
105	(569.3) Maintenance of Communication Equipment				
106	(569.4) Maintenance of Miscellaneous Regional Transmission Plant				
107	(570) Maintenance of Station Equipment				
108	(571) Maintenance of Overhead Lines				
109	(572) Maintenance of Underground Lines				
110	(573) Maintenance of Miscellaneous Transmission Plant				
111	TOTAL Maintenance (Total of lines 101 thru 110)				
112	TOTAL Transmission Expenses (Total of lines 99 and 111)	353,427,641	343,922,062		

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)					
If the amount for previous year is not derived from previously reported figures, explain in footnote.					
Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)		
113	3. REGIONAL MARKET EXPENSES				
114	Operation				
115	(575.1) Operation Supervision				
116	(575.2) Day-Ahead and Real-Time Market Facilitation				
117	(575.3) Transmission Rights Market Facilitation				
118	(575.4) Capacity Market Facilitation				
119	(575.5) Ancillary Services Market Facilitation				
120	(575.6) Market Monitoring and Compliance				
121	(575.7) Market Facilitation, Monitoring and Compliance Services	8,705,970	9,205,924		
122	(575.8) Rents				
123	Total Operation (Lines 115 thru 122)	8,705,970	9,205,924		
124	Maintenance				
125	(576.1) Maintenance of Structures and Improvements				
126	(576.2) Maintenance of Computer Hardware				
127	(576.3) Maintenance of Computer Software				
128	(576.4) Maintenance of Communication Equipment				
129	(576.5) Maintenance of Miscellaneous Market Operation Plant				
130	Total Maintenance (Lines 125 thru 129)				
131	TOTAL Regional Transmission and Market Op Exps (Total 123 and 130)	8,705,970	9,205,924		
132	4. DISTRIBUTION EXPENSES				
133	Operation				
134	(580) Operation Supervision and Engineering	52,007,347	49,294,195		
135	(581) Load Dispatching	1,325,635	910,548		
136	(582) Station Expenses	6,180,614	7,984,619		
137	(583) Overhead Line Expenses	2,432,542	6,157,414		
138	(584) Underground Line Expenses	1,044,981	1,490,615		
139	(585) Street Lighting and Signal System Expenses				
140	(586) Meter Expenses	8,082,701	7,438,402		
141	(587) Customer Installations Expenses	328,811	279,300		
142	(588) Miscellaneous Expenses	27,670,636	24,232,287		
143	(589) Rents	1,688	1,962		
144	TOTAL Operation (Enter Total of lines 134 thru 143)	99,074,955	97,789,342		
145	Maintenance				
146	(590) Maintenance Supervision and Engineering	1,564,591	3,257,809		
147	(591) Maintenance of Structures	1,441,301	1,350,968		
148	(592) Maintenance of Station Equipment	22,700,293	21,451,621		
149	(593) Maintenance of Overhead Lines	163,649,058	149,680,873		
150	(594) Maintenance of Underground Lines	10,796,552	10,724,711		
151	(595) Maintenance of Line Transformers				
152	(596) Maintenance of Street Lighting and Signal Systems	3,722,435	2,830,639		
153	(597) Maintenance of Meters				
154	(598) Maintenance of Miscellaneous Distribution Plant				
155	TOTAL Maintenance (Total of lines 146 thru 154)	203,874,230	189,296,621		
156	TOTAL Distribution Expenses (Total of lines 144 and 155)	302,949,185	287,085,963		
157	5. CUSTOMER ACCOUNTS EXPENSES				
158	Operation				
159	(901) Supervision	1,211,929	901,218		
160	(902) Meter Reading Expenses	1,889,405	2,412,429		
161	(903) Customer Records and Collection Expenses	78,709,779	75,282,789		
162	(904) Uncollectible Accounts	66,295,183	84,898,683		
163	(905) Miscellaneous Customer Accounts Expenses	40,030,658	39,549,122		
164	TOTAL Customer Accounts Expenses (Total of lines 159 thru 163)	188,136,954	203,044,241		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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NUMBER OF ELECTRIC DEPARTMENT EMPLOYEES

1. The data on number of employees should be reported for the payroll period ending nearest to October 31, or any payroll period ending 60 days before or after October 31.

2. If the respondent's payroll for the reporting period includes any special construction personnel, include such employees on line 3, and show the number of such special construction employees in a footnote.

3. The number of employees assignable to the electric department from joint functions of combination utilities may be determined by estimate, on the basis of employee equivalents. Show the estimated number of equivalent employees attributed to the electric department from joint functions.

1. Payroll Period Ended (Date)	12/31/2019
2. Total Regular Full-Time Employees	4910
3. Total Part-Time and Temporary Employees	5
4. Total Employees	4915
NOTE: DTE Corporate Services (Estimated Employee Equivalents)	<u>2003</u>
Total Employees / Equivalents	6918

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4	
PURCHASED POWER (Account 555) (Including power exchanges)						
<p>1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges.</p> <p>2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller.</p> <p>3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:</p> <p>RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers.</p> <p>LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract.</p> <p>IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years.</p> <p>SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less.</p> <p>LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit.</p> <p>IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years.</p> <p>EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges.</p> <p>OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment.</p>						
Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	LES (Ann Arbor Landfill Facility)	OS				
2	City of Ann Arbor (Barton Dam)	OS				
3	Fortistar Methane 3 (Arbor Hills)	OS				
4	Charter Township of Ypsilanti	OS				
5	Detroit Renewable Power	OS				
6	LES (Sumpter Pine Tree Acres Landfill)	OS				
7	Riverview Energy Systems 1	OS				
8	IKEA US West, Inc	OS				
9	STS Hydro Power Ltd	OS				
10	LES (Sumpter City Sand Facility)	OS				
11	City of Ann Arbor (Superior Dam)	OS				
12	University of Michigan	OS				
13	AVL North America	OS				
14	Johnson Matthey, Inc	OS				
	Total					

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.

5. For requirements RQ purchases and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

6. Report in column (g) the megawatthours shown on bills rendered to the respondent. Report in columns (h) and (i) the megawatthours of power exchanges received and delivered, used as the basis for settlement. Do not report net exchange.

7. Report demand charges in column (j), energy charges in column (k), and the total of any other types of charges, including out-of-period adjustments, in column (l). Explain in a footnote all components of the amount shown in column (l). Report in column (m) the total charge shown on bills received as settlement by the respondent. For power exchanges, report in column (m) the settlement amount for the net receipt of energy. If more energy was delivered than received, enter a negative amount. If the settlement amount (l) include credits or charges other than incremental generation expenses, or (2) excludes certain credits or charges covered by the agreement, provide an explanatory footnote.

8. The data in column (g) through (m) must be totalled on the last line of the schedule. The total amount in column (g) must be reported as Purchases on Page 401, line 10. The total amount in column (h) must be reported as Exchange Received on Page 401, line 12. The total amount in column (i) must be reported as Exchange Delivered on Page 401, line 13.

9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
3,993				178,651		178,651	1
8				507		507	2
132,431				7,974,600		7,974,600	3
11,155				499,133		499,133	4
41,031				2,519,145		2,519,145	5
71,709				4,340,466		4,340,466	6
42,108				2,550,987		2,550,987	7
99				2,869		2,869	8
10,600				655,707		655,707	9
76,077				3,873,665		3,873,665	10
3,474				214,732		214,732	11
5				107		107	12
20				504		504	13
1				28		28	14
8,164,409				395,029,416	6,093,691	401,123,107	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.

5. For requirements RQ purchases and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

6. Report in column (g) the megawatthours shown on bills rendered to the respondent. Report in columns (h) and (i) the megawatthours of power exchanges received and delivered, used as the basis for settlement. Do not report net exchange.

7. Report demand charges in column (j), energy charges in column (k), and the total of any other types of charges, including out-of-period adjustments, in column (l). Explain in a footnote all components of the amount shown in column (l). Report in column (m) the total charge shown on bills received as settlement by the respondent. For power exchanges, report in column (m) the settlement amount for the net receipt of energy. If more energy was delivered than received, enter a negative amount. If the settlement amount (l) include credits or charges other than incremental generation expenses, or (2) excludes certain credits or charges covered by the agreement, provide an explanatory footnote.

8. The data in column (g) through (m) must be totalled on the last line of the schedule. The total amount in column (g) must be reported as Purchases on Page 401, line 10. The total amount in column (h) must be reported as Exchange Received on Page 401, line 12. The total amount in column (i) must be reported as Exchange Delivered on Page 401, line 13.

9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
77,632				7,205,625		7,205,625	1
303,018				15,100,475		15,100,475	2
119,819				12,221,846		12,221,846	3
25,568				2,569,154		2,569,154	4
275,908				25,174,204		25,174,204	5
24,887				2,115,385		2,115,385	6
365,997				22,289,208		22,289,208	7
252,329				12,250,397		12,250,397	8
70,823				3,750,246		3,750,246	9
				120,749,654		120,749,654	10
							11
6,020,746				156,085,956		156,085,956	12
					6,037,946	6,037,946	13
				5,317		5,317	14
8,164,409				395,029,416	6,093,691	401,123,107	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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PURCHASED POWER (Account 555)
(Including power exchanges)

1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges.
2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller.
3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:

RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers.

LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract.

IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years.

SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less.

LU - for long-term service from a designated generating unit. "Long-term" means five years or longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of the designated unit.

IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years.

EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges.

OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote for each adjustment.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	GreenCurrent Renewable Energy Credits	OS				
2	Net change in amounts accrued	OS				
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
Total						

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.

5. For requirements RQ purchases and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

6. Report in column (g) the megawatthours shown on bills rendered to the respondent. Report in columns (h) and (i) the megawatthours of power exchanges received and delivered, used as the basis for settlement. Do not report net exchange.

7. Report demand charges in column (j), energy charges in column (k), and the total of any other types of charges, including out-of-period adjustments, in column (l). Explain in a footnote all components of the amount shown in column (l). Report in column (m) the total charge shown on bills received as settlement by the respondent. For power exchanges, report in column (m) the settlement amount for the net receipt of energy. If more energy was delivered than received, enter a negative amount. If the settlement amount (l) include credits or charges other than incremental generation expenses, or (2) excludes certain credits or charges covered by the agreement, provide an explanatory footnote.

8. The data in column (g) through (m) must be totalled on the last line of the schedule. The total amount in column (g) must be reported as Purchases on Page 401, line 10. The total amount in column (h) must be reported as Exchange Received on Page 401, line 12. The total amount in column (i) must be reported as Exchange Delivered on Page 401, line 13.

9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
					55,745	55,745	1
234,971				-7,299,152		-7,299,152	2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
							14
8,164,409				395,029,416	6,093,691	401,123,107	

Name of Respondent DTE Electric Company	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
FOOTNOTE DATA			

Schedule Page: 326 Line No.: 1 Column: b

All companies on page 326, 326.1 and 326.2 that are classified as Other Service (with the exception of MidContinent Independent Service Operator, Rider 18 and Green Currents) are related to purchase of power from renewable energy sources.

MidContinent Independent Service Operator is classified as Other Service as they are the regional service operator.

Rider 18 transactions are classified as Other Service as they do not belong in any of the other classifications.

GreenCurrent Renewable Energy Credit transactions are classified as Other Service as they do not belong in any of the other classifications.

The net change in amounts accrued includes accruals that relate to transactions for the above listed categories.

Schedule Page: 326.1 Line No.: 1 Column: a

Heritage Stoney Corners became a wholly owned, indirect subsidiary of DTE Energy Company on September 12, 2019. Complete details of ownership structure is found on page 102r.

Schedule Page: 326.1 Line No.: 4 Column: a

Blue Water Renewables, Inc is a wholly owned, indirect subsidiary of DTE Energy Company. Complete details of ownership structure is found on page 102a.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456.1) (Including transactions referred to as 'wheeling')					
<p>1. Report all transmission of electricity, i.e., wheeling, provided for other electric utilities, cooperatives, other public authorities, qualifying facilities, non-traditional utility suppliers and ultimate customers for the quarter.</p> <p>2. Use a separate line of data for each distinct type of transmission service involving the entities listed in column (a), (b) and (c).</p> <p>3. Report in column (a) the company or public authority that paid for the transmission service. Report in column (b) the company or public authority that the energy was received from and in column (c) the company or public authority that the energy was delivered to. Provide the full name of each company or public authority. Do not abbreviate or truncate name or use acronyms. Explain in a footnote any ownership interest in or affiliation the respondent has with the entities listed in columns (a), (b) or (c).</p> <p>4. In column (d) enter a Statistical Classification code based on the original contractual terms and conditions of the service as follows: FNO - Firm Network Service for Others, FNS - Firm Network Transmission Service for Self, LFP - "Long-Term Firm Point to Point Transmission Service, OLF - Other Long-Term Firm Transmission Service, SFP - Short-Term Firm Point to Point Transmission Reservation, NF - non-firm transmission service, OS - Other Transmission Service and AD - Out-of-Period Adjustments. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting periods. Provide an explanation in a footnote for each adjustment. See General Instruction for definitions of codes.</p>					
Line No.	Payment By (Company of Public Authority) (Footnote Affiliation) (a)	Energy Received From (Company of Public Authority) (Footnote Affiliation) (b)	Energy Delivered To (Company of Public Authority) (Footnote Affiliation) (c)	Statistical Classification (d)	
1	See FN				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
TOTAL					

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456)(Continued)
(Including transactions referred to as 'wheeling')

5. In column (e), identify the FERC Rate Schedule or Tariff Number. On separate lines, list all FERC rate schedules or contract designations under which service, as identified in column (d), is provided.
6. Report receipt and delivery locations for all single contract path, "point to point" transmission service. In column (f), report the designation for the substation, or other appropriate identification for where energy was received as specified in the contract. In column (g) report the designation for the substation, or other appropriate identification for where energy was delivered as specified in the contract.
7. Report in column (h) the number of megawatts of billing demand that is specified in the firm transmission service contract. Demand reported in column (h) must be in megawatts. Footnote any demand not stated on a megawatts basis and explain.
8. Report in column (i) and (j) the total megawatthours received and delivered.

FERC Rate Schedule of Tariff Number (e)	Point of Receipt (Substation or Other Designation) (f)	Point of Delivery (Substation or Other Designation) (g)	Billing Demand (MW) (h)	TRANSFER OF ENERGY		Line No.
				MegaWatt Hours Received (i)	MegaWatt Hours Delivered (j)	
						1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
			0	0	0	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456) (Continued)
(Including transactions referred to as 'wheeling')

9. In column (k) through (n), report the revenue amounts as shown on bills or vouchers. In column (k), provide revenues from demand charges related to the billing demand reported in column (h). In column (l), provide revenues from energy charges related to the amount of energy transferred. In column (m), provide the total revenues from all other charges on bills or vouchers rendered, including out of period adjustments. Explain in a footnote all components of the amount shown in column (m). Report in column (n) the total charge shown on bills rendered to the entity Listed in column (a). If no monetary settlement was made, enter zero (11011) in column (n). Provide a footnote explaining the nature of the non-monetary settlement, including the amount and type of energy or service rendered.

10. The total amounts in columns (i) and (j) must be reported as Transmission Received and Transmission Delivered for annual report purposes only on Page 401, Lines 16 and 17, respectively.

11. Footnote entries and provide explanations following all required data.

REVENUE FROM TRANSMISSION OF ELECTRICITY FOR OTHERS

Demand Charges (\$) (k)	Energy Charges (\$) (l)	(Other Charges) (\$) (m)	Total Revenues (\$) (k+l+m) (n)	Line No.
				1
				2
				3
				4
				5
				6
				7
				8
				9
				10
				11
				12
				13
				14
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25
				26
				27
				28
				29
				30
				31
				32
				33
				34
0	0	0	0	

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 328 Line No.: 1 Column: a

See Footnote on Page 300, Line 22, Column b.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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SALES TO RAILROADS AND RAILWAYS AND INTERDEPARTMENTAL SALES (Accounts 446, 448)

- | | |
|---|---|
| <p>1. Report particulars concerning sales included in Accounts 446 and 448.</p> <p>2. For Sales to Railroads and Railways, Account 446, give name of railroad or railway in addition to other required information. If contract covers several points of delivery and small amounts of electricity are delivered at</p> | <p>each point, such sales may be grouped.</p> <p>3. For Interdepartmental Sales, Account 448, give name of other department and basis of charge to other department in addition to other required information.</p> <p>4. Designate associated companies.</p> <p>5. Provide subheading and total for each account.</p> |
|---|---|

Line No.	Item (a)	Point of Delivery (b)	Kilowatt-hours (c)	Revenue (d)	Revenue per kwh (in cents) (e)
1	None				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					

RENT FROM ELECTRICITY PROPERTY AND INTERDEPARTMENTAL RENTS (Accounts 454, 455)

- | | |
|---|---|
| <p>1. Report particulars concerning rents received included in Accounts 454 and 455.</p> <p>2. Minor rents may be grouped by classes.</p> <p>3. If rents are included which were arrived at under an arrangement for apportioning expenses of a joint facility, whereby the amount included in this account</p> | <p>represents profit or return on property, depreciation and taxes, give particulars and the basis of apportionment of such charges to Accounts 454 and 455.</p> <p>4. Designate is lessee is an associated company.</p> <p>5. Provide a subheading and total for each account.</p> |
|---|---|

Line No.	Name of Lessee or Department (a)	Description of Property (b)	Amount of Revenue for Year (c)
16	Rent From Electric Property (Account 454)		
17	AT&T, Comcast, and others	Pole Contacts	9,643,816
18	AT&T, Comcast, and others	Conduit Rental	3,831,716
19	Various	Real Estate & Other	420,103
20	Various	Antenna Revenue	1,256,853
21	Verizon	Long Term Lease Amortization	111,874
22			15,264,362
23			
24			
25	Interdepartmental Rents (Account 455)		46,802,182
26			
27			
28			
29			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
SALES OF WATER AND WATER POWER (Account 453)			
1. Report below the information called for concerning revenues derived during the year from sales to others of water or water power. 2. In column (c) show the name of the power development		of the respondent supplying the water or water power sold. 3. Designate associated companies.	
Line No.	Name of Purchaser (a)	Purpose for Which Water Was Used (b)	Amount of Revenue for Year (e)
1	Solutia	Industrial	Trenton Channel Power Plant
2			
3			
4			
5			
6			
7			
8			
9			
10	TOTAL		30,703

MISCELLANEOUS SERVICE REVENUES AND OTHER ELECTRIC REVENUES (Accounts 451, 456)		
1. Report particulars concerning miscellaneous service revenues and other electric revenues derived from electric utility operations during year. Report separately in this schedule the total revenues from operation of fish and wildlife and recreation facilities, regardless of whether such facilities are operated by company or by contract		concessionaires. Provide a subheading and total for each account. For Account 456, list first revenues realized through Research and Development ventures, see Account 456. 2. Designate associated companies. 3. Minor items may be grouped by classes.
Line No.	Name of Company and Description of Service (a)	Amount of Revenue for Year (b)
11	Miscellaneous Service Revenues (Account 451)	
12		
13	Contribution in Aid of Construction Tax Gross-Up	3,923,852
14	New Service Charge	1,466,250
15	Reconnect Fees	3,013,121
16	AMI Opt Out Fees	718,425
17	Accounting Adjustments & Other	(367,846)
18	Unauthorized Use	466,899
19		
20		
21	Total Account 451	9,220,701
22		
23	Revenues from Transmission of Electricity of Others (Account 456.1)	
24		
25	Transmission Services	10,135,391
26	Electric Choice Revenue	68,537,471
27	Wholesale Delivery Services	571,190
28	Total Account 456.1	79,244,052
29		
30		
31	Continued on Page 331B.1	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
<p>1. Report particulars concerning miscellaneous service revenues and other electric revenues derived from electric utility operations during year. Report separately in this schedule the total revenues from operation of fish and wildlife and recreation facilities, regardless of whether such facilities are operated by company or by contract</p> <p>concessionaires. Provide a subheading and total for each account. For Account 456, list first revenues realized through Research and Development ventures, see Account 456.</p> <p>2. Designate associated companies.</p> <p>3. Minor items may be grouped by classes.</p>			
Line No.	Name of Company and Description of Service (a)	Amount of Revenue for Year (b)	
31	Continued From Page 331B		
32	<u>Other Electric Revenues (Account 456)</u>		
33	Steam Sold To Other Companies	1,547,194	
34			
35	Non-Compliance Interrupt Penalty	9,148,250	
36	Sales and Use Tax Collection Fee	944,661	
37	Service Charge - Returned Checks	662,430	
38	Unauthorized Use Charge	87,228	
39	Miscellaneous	159,628	
40	Total Account 456	12,549,391	
41			
42			
43			
44			
45			
46			
47			
48			
49			
50	TOTAL	101,014,144	

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020		Year/Period of Report End of 2019/Q4		
TRANSMISSION OF ELECTRICITY BY OTHERS (Account 565) (Including transactions referred to as "wheeling")								
<p>1. Report all transmission, i.e. wheeling or electricity provided by other electric utilities, cooperatives, municipalities, other public authorities, qualifying facilities, and others for the quarter.</p> <p>2. In column (a) report each company or public authority that provided transmission service. Provide the full name of the company, abbreviate if necessary, but do not truncate name or use acronyms. Explain in a footnote any ownership interest in or affiliation with the transmission service provider. Use additional columns as necessary to report all companies or public authorities that provided transmission service for the quarter reported.</p> <p>3. In column (b) enter a Statistical Classification code based on the original contractual terms and conditions of the service as follows: FNS - Firm Network Transmission Service for Self, LFP - Long-Term Firm Point-to-Point Transmission Reservations, OLF - Other Long-Term Firm Transmission Service, SFP - Short-Term Firm Point-to-Point Transmission Reservations, NF - Non-Firm Transmission Service, and OS - Other Transmission Service. See General Instructions for definitions of statistical classifications.</p> <p>4. Report in column (c) and (d) the total megawatt hours received and delivered by the provider of the transmission service.</p> <p>5. Report in column (e), (f) and (g) expenses as shown on bills or vouchers rendered to the respondent. In column (e) report the demand charges and in column (f) energy charges related to the amount of energy transferred. On column (g) report the total of all other charges on bills or vouchers rendered to the respondent, including any out of period adjustments. Explain in a footnote all components of the amount shown in column (g). Report in column (h) the total charge shown on bills rendered to the respondent. If no monetary settlement was made, enter zero in column (h). Provide a footnote explaining the nature of the non-monetary settlement, including the amount and type of energy or service rendered.</p> <p>6. Enter "TOTAL" in column (a) as the last line.</p> <p>7. Footnote entries and provide explanations following all required data.</p>								
Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	TRANSFER OF ENERGY		EXPENSES FOR TRANSMISSION OF ELECTRICITY BY OTHERS			Total Cost of Transmission (\$)(h)
			Megawatt-hours Received (c)	Megawatt-hours Delivered (d)	Demand Charges (\$)(e)	Energy Charges (\$)(f)	Other Charges (\$)(g)	
1	MidContinent ISO	FNS			326,173,138			326,173,138
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
	TOTAL				326,173,138			326,173,138

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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LEASE RENTALS CHARGED

- For purposes of this schedule a "lease" is defined as a contract or other agreement by which one party (lessor) conveys an intangible right or land or other tangible property and equipment to another (lessee) for a specified period of one year or more for rent.
- Report below, for leases with annual charges of \$25,000 or more, but less than \$250,000 the data called for in columns a, b (description only), f, g and j.
- For leases having annual charges of \$250,000 or more, report the data called for in all the columns below.
- The annual charges referred to in Instruction 2 and 3 include the basic lease payment and other payments to or on behalf of the lessor such as taxes, depreciation, assumed interest or dividends on the lessor's securities, cost of replacements** and other expenditures with respect to leased property. The expenses paid by lessee are to be itemized in column (e) below.
- Leases of construction equipment in connection with construction work in progress are not required to be reported herein. Continuous, master or open-end leases for EDP or office equipment, automobile fleets and other equipment that is short-lived and replace under terms of the lease or for the pole rentals shall report only the data called for in columns a, b (description only), f, g and j, unless the lessee has the option to purchase the property.
- In column (a) report the name of the lessor. List lessors which are associated companies* (describing association) first, followed by non-associated lessors.
- In column (b) for each leasing arrangement, report in order, classified by generating station, transmission line, distribution system, large substation, or other operating unit or system, followed by any other leasing arrangements not covered under the preceding classifications:

Name of Lessor (a)	Basic Details of Lease (b)	Terminal Dates of Lease, Primary (P) or Renewal (R) (c)
KF LAND CO LLC II	Farmington Office	12/31/2020 (R)
AIRADVANTAGE	Fiber Optic	2/28/2026 (P)
FORD MOTOR DEVELOPMENT	Crestwood Substation	7/31/2022 (P)
AIRGAS	Hydrogen Tank	8/31/2023 (P)

** See Electric Plant Instruction 6 & Operating Expense Instruction 3 of the Uniform System of Accounts.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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LEASE RENTALS CHARGED (Continued)

Description of property, whether lease is a sale and leaseback, whether lessee has option to purchase and conditions of purchase, whether lease is cancellable by either party and the cancellation conditions, the tax treatment used the accounting treatment of the lease payments (levelized charges to expense or other treatment), the basis of any charges apportioned between the lessor and lessee, and the responsibility of the respondent for operation and maintenance expenses and replacement of property. The above information is to be reported with initiation of the lease and thereafter when changed or every five years, whichever occurs first.

8. Report in column (d), as of the date of the current lease term, the original cost of the property leased, estimated if not known, or the fair market of the property if greater than original cost and indicate as shown. If leased property is part of a large unit, such as part of a building, indicate without associating any cost or value with it.

9. Report in column (k) below the estimated remaining annual charges under the current term of the lease. Do not apply a present value to the estimate. Assume that cancellable leases will not be cancelled when estimating the remaining charges.

* See definition on page 226 (B)

A. LEASE RENTALS CHARGED TO ELECTRIC OPERATING EXPENSES

Original Cost (O) or Fair Market Value (F) of Property	Expenses to be Paid by Lessee Itemize	AMOUNT OF RENT - CURRENT TERM				Account Charged	Remaining Annual Charges Under Lease Est. if Not Known
		Current Year		Accumulated to Date			
		Lessor	Other	Lessor	Other		
(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
		185,571		1,065,606		931	185,571
		155,360		580,074		580	976,148
		18,911		879,979		591	61,190
		28,350		37,800		524	103,950

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
B. OTHER LEASE RENTALS CHARGED (Such as to Deferred Debits, Etc.)			
Name of Lessor (a)	Basic Details of Lease (b)	Terminal Dates of Lease, Primary (P) or Renewal (R) (c)	
Citlcorp Railmark	Rail Car lease	9/30/2021 (P)	
ALF II, INC.	Rail Car lease	6/31/2024 (P)	
Progress Rail Leasing Corporation	Rail Car lease	8/31/2026 (R)	
ALF I, INC.	Rail Car lease	6/30/2024 (P)	
Wells Fargo Rail Corporation	Rail Car lease	12/31/2024 (R)	
Wells Fargo Rail Corporation	Rail Car lease	11/31/2022 (P)	
Fleet Financial	Rail Car lease	12/31/2019 (P)	
Progress Rail Leasing Corporation	Rail Car lease	12/31/2029 (P)	
Citizens	Rail Car lease	1/1/2030 (P)	

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)		Year of Report 2019/Q4	
B. OTHER LEASE RENTALS CHARGED (Such as to Deferred Debits, Etc.)							
Original Cost (O) or Fair Market Value (F) of Property (d)	Expenses to be Paid by Lessee Itemize (e)	AMOUNT OF RENT - CURRENT TERM				Account Charged (j)	Remaining Annual Charges Under Lease Est. if Not Known (k)
		Current Year		Accumulated to Date			
		Lessor	Other	Lessor	Other		
		(f)	(g)	(h)	(i)	(j)	(k)
		361,240		361,240		151	1,182,984
		771,840		3,394,117		151	3,473,280
		1,648,564		8,694,938		151	9,923,040
		3,029,760		12,087,813		151	10,586,880
		4,142,007		19,780,300		151	7,893,600
		744,960		785,000		151	1,076,000
		2,775,505		108,768,383		151	-
		28,642		28,642		151	12,885,480
		27,226		27,226		151	12,282,505

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
MISCELLANEOUS GENERAL EXPENSES (Account 930.2) (ELECTRIC)					
Line No.	Description (a)	Amount (b)			
1	Industry Association Dues	1,282,991			
2	Nuclear Power Research Expenses				
3	Other Experimental and General Research Expenses				
4	Pub & Dist Info to Stkhldrs...expn servicing outstanding Securities	442,955			
5	Oth Expn >=5,000 show purpose, recipient, amount. Group if < \$5,000				
6	Board of Director's Expense	3,231,207			
7	Customer Service Expense	203,328			
8	Environmental Remediation Costs	2,410,927			
9	Memberships & Dues	380,683			
10	Office Upgrades & Repairs Expense	22,077			
11	Other Management Services	415,764			
12	Recruiting Expense	67,487			
13	Travel Expense	124,943			
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL	8,582,362			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4			
DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Account 403, 404, 405) (Except amortization of acquisition adjustments)						
<p>1. Report in section A for the year the amounts for : (b) Depreciation Expense (Account 403; (c) Depreciation Expense for Asset Retirement Costs (Account 403.1; (d) Amortization of Limited-Term Electric Plant (Account 404); and (e) Amortization of Other Electric Plant (Account 405).</p> <p>2. Report in Section 8 the rates used to compute amortization charges for electric plant (Accounts 404 and 405). State the basis used to compute charges and whether any changes have been made in the basis or rates used from the preceding report year.</p> <p>3. Report all available information called for in Section C every fifth year beginning with report year 1971, reporting annually only changes to columns (c) through (g) from the complete report of the preceding year.</p> <p>Unless composite depreciation accounting for total depreciable plant is followed, list numerically in column (a) each plant subaccount, account or functional classification, as appropriate, to which a rate is applied. Identify at the bottom of Section C the type of plant included in any sub-account used.</p> <p>In column (b) report all depreciable plant balances to which rates are applied showing subtotals by functional Classifications and showing composite total. Indicate at the bottom of section C the manner in which column balances are obtained. If average balances, state the method of averaging used.</p> <p>For columns (c), (d), and (e) report available information for each plant subaccount, account or functional classification Listed in column (a). If plant mortality studies are prepared to assist in estimating average service Lives, show in column (f) the type mortality curve selected as most appropriate for the account and in column (g), if available, the weighted average remaining life of surviving plant. If composite depreciation accounting is used, report available information called for in columns (b) through (g) on this basis.</p> <p>4. If provisions for depreciation were made during the year in addition to depreciation provided by application of reported rates, state at the bottom of section C the amounts and nature of the provisions and the plant items to which related.</p>						
A. Summary of Depreciation and Amortization Charges						
Line No.	Functional Classification (a)	Depreciation Expense (Account 403) (b)	Depreciation Expense for Asset Retirement Costs (Account 403.1) (c)	Amortization of Limited Term Electric Plant (Account 404) (d)	Amortization of Other Electric Plant (Acc 405) (e)	Total (f)
1	Intangible Plant				112,230,773	112,230,773
2	Steam Production Plant	196,081,156	6,546,999			202,628,155
3	Nuclear Production Plant	57,572,530	1,570,609			59,143,139
4	Hydraulic Production Plant-Conventional					
5	Hydraulic Production Plant-Pumped Storage	20,024,079				20,024,079
6	Other Production Plant	58,721,775	2,013,494			60,735,269
7	Transmission Plant	1,688,970				1,688,970
8	Distribution Plant	367,794,378	181,103			367,975,481
9	Regional Transmission and Market Operation					
10	General Plant	80,866,025	41,871			80,907,896
11	Common Plant-Electric					
12	TOTAL	782,748,913	10,354,076		112,230,773	905,333,762
B. Basis for Amortization Charges						
Intangible Plant (Software)	Basis 2018	Basis 2019	Change in Basis from Prior Year			
Straight Line - 3 Years	6,354,269	11,886,891	5,532,622			
Straight Line - 4 Years	5,097,159	5,285,349	188,190			
Straight Line - 5 Years	376,574,700	402,247,065	25,672,365			
Straight Line - 7 Years	-	-	-			
Straight Line - 15 Years	436,555,032	436,555,032	-			
	824,581,160	855,974,337	31,393,177			
Note: The basis change from prior year is the net impact from additions and retirements.						

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	311	5	39.12	9.90	3.02	200-SC	22.04
13	312		35.74	11.40	3.32	200-SC	23.14
14	314		40.32	10.90	3.00	200-SC	20.77
15	315		43.65	12.00	2.78	200-SC	22.34
16	316	107	41.74	11.50	2.77	200-SC	20.57
17	Non Belle River						
18	311	145,735	42.04	3.90	2.91	200-SC	14.22
19	312	629,954	32.46	4.40	3.66	200-SC	14.22
20	314	135,962	34.15	4.30	3.50	200-SC	14.22
21	315	22,715	33.47	3.90	3.51	200-SC	14.22
22	316	1,505	42.67	3.50	2.86	200-SC	14.22
23	Belle River Unit 1						
24	311	150,335	42.25	3.90	2.89	200-SC	14.22
25	312	637,057	32.23	4.40	3.70	200-SC	14.22
26	314	153,713	39.18	4.30	3.11	200-SC	14.22
27	315	16,630	39.93	3.90	3.05	200-SC	14.22
28	316	1,741	42.67	3.50	2.86	200-SC	14.22
29	Belle River Unit 2						
30	311	193,232	35.83	3.90	3.31	200-SC	14.22
31	312	363,121	36.50	4.50	3.33	200-SC	14.22
32	314	61,518	38.32	4.30	3.15	200-SC	14.22
33	315	13,602	42.20	3.90	2.90	200-SC	14.22
34	316	5,991	35.39	3.50	3.31	200-SC	14.22
35	Belle River Common						
36	311	70,612	56.60	17.20	2.26	200-SC	28.31
37	314	179,924	51.38	18.40	2.52	200-SC	28.33
38	314	71,768	53.44	18.00	2.39	200-SC	28.32
39	315	31,119	58.59	17.20	2.22	200-SC	28.31
40	316	3,380	55.14	16.40	2.20	200-SC	28.32
41	Greenwood						
42	311	237,462	39.76	11.30	2.93	200-SC	27.44
43	312	635,651	42.39	12.40	2.83	200-SC	27.43
44	314	10,280	40.81	12.10	3.01	200-SC	27.42
45	315	7,561	37.98	11.30	3.07	200-SC	27.44
46	316	3,469	39.30	10.60	2.71	200-SC	27.44
47	Monroe Common						
48	311	62,002	28.00	11.30	2.93	200-SC	26.55
49	312	69,368	27.95	12.30	2.83	200-SC	26.55
50	314	3,278	51.13	12.10	2.39	200-SC	26.47

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	315						
13	316	70					
14	Monroe Common 1-2						
15	311	1,906	29.99	11.30	3.74	200-SC	27.48
16	312	27,694	32.53	12.40	3.99	200-SC	27.47
17	314	2,828	52.76	12.10	4.04	200-SC	27.39
18	315						
19	316						
20	Monroe Common 3-4						
21	311	18,068	39.76	11.30	2.93	200-SC	27.44
22	312	42,098	42.39	12.40	2.83	200-SC	27.43
23	314						
24	315						
25	316						
26	Monroe Fly Ash						
27	311	13,030	56.26	11.30	2.23	200-SC	24.60
28	312	542,931	34.04	12.30	3.47	200-SC	24.66
29	314	45,607	40.93	12.00	2.94	200-SC	24.64
30	315	7,301	50.75	11.30	2.43	200-SC	24.61
31	316	107	48.59	10.60	1.95	200-SC	24.62
32	Monroe Unit 1						
33	311	10,955	53.16	11.30	2.31	200-SC	26.46
34	312	524,628	31.49	12.30	3.67	200-SC	26.53
35	314	57,484	37.09	12.00	3.18	200-SC	26.52
36	315	7,964	44.76	11.30	2.67	200-SC	26.49
37	316	294	42.68	10.60	2.45	200-SC	26.50
38	Monroe Unit 2						
39	311	62,296	36.20	11.30	3.18	200-SC	26.52
40	312	553,807	36.00	12.40	3.26	200-SC	26.52
41	314	67,513	40.55	12.00	2.94	200-SC	26.51
42	315	14,503	39.56	11.30	2.95	200-SC	26.51
43	316	46	50.90	10.60	1.88	200-SC	26.47
44	Monroe Unit 3						
45	311	44,885	37.44	11.30	3.07	200-SC	27.45
46	312	437,160	39.05	12.40	3.03	200-SC	27.44
47	314	33,347	48.58	12.10	2.51	200-SC	27.41
48	315	9,672	39.85	11.30	2.95	200-SC	27.44
49	316	60	53.04	10.60	1.82	200-SC	27.39
50	Monroe Unit 4						

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	311	13,586	35.83	3.90	3.31	200-SC	14.22
13	312						
14	314						
15	315						
16	316						
17	Range Road						
18	311	21,878	17.32	19.20	1.41	200-SC	4.47
19	312	49,481	18.50	19.30	2.23	200-SC	4.47
20	314	4,879	25.26	19.30	2.27	200-SC	4.47
21	315	7,079	35.32	19.20	2.13	200-SC	4.47
22	316	1,100	13.47	19.10	2.08	200-SC	4.47
23	River Rouge Common						
24	311	3,862	31.90	19.20	1.41	200-SC	4.47
25	312	96,248	23.68	19.30	2.23	200-SC	4.47
26	314	28,503	11.06	19.30	2.27	200-SC	4.47
27	315	5,106	8.25	19.20	2.13	200-SC	4.47
28	316						
29	River Rouge Unit 3						
30	311	53,923	24.80	10.40	1.41	200-SC	7.42
31	312	176,629	23.43	10.70	2.23	200-SC	7.43
32	314	7,044	23.35	10.60	2.27	200-SC	7.42
33	315	17,846	29.23	10.40	2.13	200-SC	7.42
34	316	5,289	17.55	10.20	2.08	200-SC	7.43
35	St. Clair Common						
36	311	96	43.34	10.40	1.41	200-SC	6.44
37	312	57,265	16.22	10.60	2.23	200-SC	6.44
38	314	13,213	20.71	10.60	2.27	200-SC	6.44
39	315	663	36.36	10.40	2.13	200-SC	6.44
40	316						
41	St. Clair Unit 2						
42	311	201	43.34	10.40	1.41	200-SC	6.44
43	312	47,824	25.82	10.60	2.23	200-SC	6.44
44	314	12,379	24.47	10.60	2.27	200-SC	6.44
45	315	4,877	18.82	10.40	2.13	200-SC	6.45
46	316						
47	St. Clair Unit 3						
48	311	7,137	29.33	10.40	1.41	200-SC	6.44
49	312	152,389	24.76	10.60	2.23	200-SC	6.44
50	314	28,548	15.06	10.60	2.27	200-SC	6.44

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	315	3,891	20.72	10.40	2.13	200-SC	6.44
13	316						
14	St. Clair Unit 6						
15	311	7,202	29.50	10.40	1.41	200-SC	7.42
16	312	142,025	17.18	10.70	2.23	200-SC	7.43
17	314	51,617	17.89	10.60	2.27	200-SC	7.43
18	315	4,964	39.33	10.40	2.13	200-SC	7.42
19	316	56	37.45	10.20	2.08	200-SC	7.42
20	St. Clair Unit 7						
21	311	4,241	17.85	25.40	1.41	200-SC	7.43
22	312	568	16.29	25.60	2.23	200-SC	7.43
23	314						
24	315						
25	316						
26	Sibley Road						
27	311	31,912	17.85	25.40	1.41	200-SC	7.43
28	312	77,338	16.29	25.60	2.23	200-SC	7.43
29	314	984	30.25	25.50	2.27	200-SC	7.42
30	315	5,238	30.40	25.40	2.13	200-SC	7.42
31	316	1,928	14.50	25.20	2.08	200-SC	7.43
32	Trenton Common						
33	311	6,264	27.77	25.40	1.41	200-SC	7.42
34	312	157,904	17.73	25.60	2.23	200-SC	7.43
35	314	28,310	18.06	25.50	2.27	200-SC	7.43
36	315	4,101	28.04	25.40	2.13	200-SC	7.42
37	316	1,676	17.85	25.20	2.08	200-SC	7.43
38	Trenton Unit 9						
39	Subtotal - Steam Prod	7,792,315					
40	321	257,217	33.45	30.00	4.11	200-SC	28.40
41	322	544,414	31.96	30.00	4.34	200-SC	28.40
42	323	202,673	32.72	30.00	4.22	200-SC	28.40
43	324	86,493	32.18	30.00	4.10	200-SC	28.40
44	325	104,254	29.75	30.00	4.38	200-SC	28.41
45	Subtotal - Nuclear	1,195,051					
46	331	32,941	69.00	91.00	3.79	R1.5	38.07
47	332	118,784	74.88	93.00	2.81	L5	39.83
48	333	284,828	58.87	85.00	4.72	R3	37.27
49	334	53,192	56.33	52.00	5.22	R1.5	28.90
50	335	9,578	38.87	56.00	7.13	L0	21.07

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	336	1,862	76.00	100.00	2.33	None	40.50
13	Subtotal-Hydraulic Pr	501,185					
14	341	11,423	30.89	3.90	2.97	R4	28.35
15	342	15,970	31.85	3.90	2.74	R4	28.40
16	343	156,224	31.52	3.90	2.77	R4	28.19
17	344	401,537	37.45	3.90	1.52	R4	27.97
18	344 - Pre 295	3,170	37.45	3.90	1.52	L3	27.97
19	344 - Solar		26.00	2.70		L2	23.25
20	344 - Wind	1,018,445	26.00	2.70	3.91	L2	23.25
21	345	47,210	32.73	3.90	2.52	R4	28.37
22	346A	142,308	23.00	11.00	4.79	L3	20.47
23	346B	19	23.00	11.00	4.79	L3	20.47
24	346C						
25	Subtotal-Other Prod Pt	1,796,306					
26	352						
27	353	24,285	45.00	10.00	2.37	S0	36.30
28	353 BRCM	597	45.00	10.00	2.37	S0	36.30
29	353 BRU1	5,023	45.00	10.00	2.37	S0	36.30
30	353 BRU2	8,231	45.00	10.00	2.37	S0	36.30
31	353 GW	2,296	45.00	10.00	2.37	S0	36.30
32	353 MRCM	61	45.00	10.00	2.37	S0	36.30
33	353 MRU1	5,571	45.00	10.00	2.37	S0	36.30
34	353 MRU2	4,897	45.00	10.00	2.37	S0	36.30
35	353 MRU3	13,641	45.00	10.00	2.37	S0	36.30
36	353 MRU4	8,892	45.00	10.00	2.37	S0	36.30
37	353 RRCM	207	45.00	10.00	2.37	S0	36.30
38	353 RRU3	2,874	45.00	10.00	2.37	S0	36.30
39	353 SCCM	2,367	45.00	10.00	2.37	S0	36.30
40	353 SCU1		45.00	10.00	2.37	S0	36.30
41	353 SCU2	1,365	45.00	10.00	2.37	S0	36.30
42	353 SCU3	69	45.00	10.00	2.37	S0	36.30
43	353 SCU6	1,022	45.00	10.00	2.37	S0	36.30
44	353 SCU7	737	45.00	10.00	2.37	S0	36.30
45	Subtotal-Trans Plant	82,135					
46	361	175,322	80.00	5.00	1.40	R2	29.19
47	361 - Solar	2,398	60.00	5.00	1.66	R2	29.19
48	361 - Wind	7,405	60.00	5.00	1.66	R2	57.76
49	362	1,382,197	75.00	50.00	2.05	L1	59.97
50	362 - Solar	15,935	75.00	50.00	1.33	L1	72.18

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	362 - Wind	42,745	75.00	50.00	1.33	L1	72.51
13	363	2,000	15.00		6.68	S3	14.50
14	364	1,552,134	35.00	98.00	6.12	S2	24.34
15	364 - Solar	1	35.00	75.00	6.12	S2	32.51
16	364 - Wind	564	35.00	75.00	2.93	S2	32.51
17	365	2,326,508	35.00	50.00	4.55	R2	24.17
18	365 - Solar	4	35.00	75.00	4.55	R2	33.48
19	365 - Wind	12,002	35.00	75.00	2.85	R2	33.48
20	366	414,764	60.00	10.00	1.91	R3	38.57
21	367	1,345,615	45.00	50.00	3.55	R3	28.92
22	367 - Solar	9	45.00	50.00	3.55	R3	42.56
23	367 - Wind	55,449	45.00	50.00	2.21	R3	42.56
24	368	620,346	40.00	5.00	2.85	R2	24.39
25	369A	194,646	40.00	125.00	6.04	R2	26.07
26	369B	202,639	35.00	125.00	6.65	R2	21.49
27	370A	4,974	10.00		5.04	SQ	6.17
28	370B	395,689	20.00		3.60	S3	17.79
29	371A	24,942	30.00		3.60	S3	13.62
30	371B	31,132	25.00	45.00	6.56	S3	13.69
31	373A HID OH	24,911	16.00		6.69	S3	5.26
32	373B LED OH	15,474	15.00		44.78	S3	13.30
33	373A HID UG	17,625	16.00		7.11	S3	7.84
34	373B LED UG	8,031	15.00	37.00	29.54	S3	13.59
35	373A Wire/Cable UG	24,031	35.00	50.00	4.52	R2	19.46
36	373B Infra OH	53,950	14.00	25.00	10.32	R3	5.52
37	373A Infra UG	91,643	30.00	25.00	4.84	S3	12.72
38	373B Wire OH	6,928	35.00	50.00	4.41	R2	24.43
39	Subtotal-Distribution	9,052,013					
40	390	401,643	35.00	24.00	4.85	L1.5	26.13
41	390 - Wind	2,117	35.00		2.85	L1.5	34.52
42	392	200,908		5.00	12.88	L1	7.58
43	392 - Solar	25	11.00		12.88	L1	7.58
44	392 - Wind	129			12.88	L1	7.58
45	396	26,469	15.00	7.10	8.72	R1	10.92
46	396 - Solar		15.00		8.72	R1	10.92
47	396 - Wind	19	15.00		8.72	R1	10.92
48	397	97,688	15.00		6.67	SQ	8.68
49	397 - Solar	8	15.00		6.67	SQ	11.93
50	397 - Wind	311	15.00		6.67	SQ	13.50

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	Subtotal-Gen Plant-Dep	729,317					
13	391A	57,142	15.00		6.67	SQ	8.46
14	391 - Solar	728	15.00		6.67	SQ	11.93
15	391 - Wind	790	15.00		6.67	SQ	13.50
16	391B	126,995	8.00		12.50	SQ	3.63
17	391B - 15yrs	15,451	15.00		6.67	SQ	7.50
18	391B - 5Yrs	57,462	5.00		20.00	SQ	2.60
19	391B - 5Yrs Wind	151	5.00		20.00	SQ	2.60
20	391B - Solar	25	8.00		12.50	SQ	4.50
21	391B - Wind	1,730	8.00		12.50	SQ	4.50
22	391C	13,095	10.00		10.00	SQ	5.13
23	391C - Solar		10.00		10.00	SQ	5.13
24	391C - Wind	596	10.00		10.00	SQ	5.13
25	393	3,361	22.00		4.55	SQ	7.26
26	394	104,450	25.00		4.00	SQ	15.02
27	395	20,600	15.00		6.67	SQ	8.52
28	398	23,267	15.00		6.67	SQ	9.01
29	Subtotal-Gen Plant-Amo	425,843					
30							
31							
32	Grand Total	21,574,165					
33							
34							
35							
36							
37							
38							
39							
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41							
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Name of Respondent	This Report is:	Date of Report	Year/Period of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr) 04/15/2020	2019/Q4
FOOTNOTE DATA			

Schedule Page: 336 Line No.: 17 Column: b

Page 337 Line 17 (b) Non Belle River total is 112

Schedule Page: 336 Line No.: 23 Column: b

Page 337 Line 23 (b) Belle River Unit 1 total is 935,871

Schedule Page: 336 Line No.: 29 Column: b

Page 337 Line 29 (b) Belle River Unit 2 total is 959,476

Schedule Page: 336 Line No.: 35 Column: b

Page 337 Line 35 (b) Belle River Common total is 637,464

Schedule Page: 336 Line No.: 41 Column: b

Page 337 Line 41 (b) Greenwood total is 356,803

Schedule Page: 336 Line No.: 47 Column: b

Page 337 Line 47 (b) Monroe Common total is 894,423

Schedule Page: 336.1 Line No.: 14 Column: b

Page 337 Line 14 (b) Monroe Common 2-1 total is 134,718

Schedule Page: 336.1 Line No.: 20 Column: b

Page 337 Line 20 (b) Monroe Common 3-4 total is 32,428

Schedule Page: 336.1 Line No.: 26 Column: b

Page 337 Line 26 (b) Monroe Fly Ash total is 60,166

Schedule Page: 336.1 Line No.: 32 Column: b

Page 337 Line 32 (b) Monroe Unit 1 total is 608,976

Schedule Page: 336.1 Line No.: 38 Column: b

Page 337 Line 38 (b) Monroe Unit 2 total is 601,325

Schedule Page: 336.1 Line No.: 44 Column: b

Page 337 Line 44 (b) Monroe Unit 3 total is 698,165

Schedule Page: 336.1 Line No.: 50 Column: b

Page 337 Line 50 (b) Monroe Unit 4 total is 525,124

Schedule Page: 336.2 Line No.: 17 Column: b

Page 337 Line 17 (b) Range Road total is 13,586

Schedule Page: 336.2 Line No.: 23 Column: b

Page 337 Line 23 (b) River Rouge Common total is 84,417

Schedule Page: 336.2 Line No.: 29 Column: b

Page 337 Line 23 (b) River Rouge Unit 3 total is 133,719

Schedule Page: 336.2 Line No.: 35 Column: b

Page 337 Line 35 (b) St. Clair Common total is 260,731

Schedule Page: 336.2 Line No.: 41 Column: b

Page 337 Line 41 (b) St. Clair Unit 2 total is 71,237

Schedule Page: 336.2 Line No.: 47 Column: b

Page 337 Line 47 (b) St. Clair Unit 3 total is 65,281

Schedule Page: 336.3 Line No.: 14 Column: b

Page 337 Line 14 (b) St. Clair Unit 6 total is 191,965

Schedule Page: 336.3 Line No.: 20 Column: b

Page 337 Line 20 (b) St. Clair Unit 7 total is 205,864

Schedule Page: 336.3 Line No.: 26 Column: b

Page 337 Line 26 (b) Sibley Road total is 4,809

Schedule Page: 336.3 Line No.: 32 Column: b

Page 337 Line 32 (b) Trenton Common total is 117,400

Schedule Page: 336.3 Line No.: 38 Column: b

Page 337 Line 38 (b) Trenton Unit 9 total is 198,255

Schedule Page: 336.6 Line No.: 32 Column: b

Footnotes:

(1) Amounts in column (b) are the average of the beginning and ending balances for 2019.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 2019/Q4	Year of Report 2019/Q4
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PARTICULARS CONCERNING CERTAIN INCOME DEDUCTIONS AND INTEREST CHARGES ACCOUNTS			
<p>Report the information specified below, in the order given, for the respective income deduction and interest charges accounts. Provide a subheading for each account and a total for the account. Additional columns may be added if deemed appropriate with respect to any account.</p> <p>(a) <i>Miscellaneous Amortization</i> (Account 425)-Describe the nature of items included in this account, the contra account charged, the total of amortization charges for the year, and the period of amortization.</p> <p>(b) <i>Miscellaneous Income Deductions</i>-- Report the nature, payee, and amount of other income deductions for the year as required by Accounts 426.1, Donations; 426.2, Life Insurance; 426.3, Penalties; 426.4, Expenditures for Certain Civic, Political and Related</p>		<p>Activities; and 426.5, Other Deductions, of the Uniform System of Accounts. Amounts of less than 5% of each account total for the year (or \$1,000, whichever is greater) may be <u>grouped by classes within the above accounts.</u></p> <p>(c) <i>Interest on Debt to Associated Companies</i> (Account 430) -- For each associated company to which interest on debt was incurred during the year, indicate the amount and interest rate respectively for (a) advances on notes, (b) advances on open account, (c) notes payable, (d) accounts payable, and (e) other debt, and total interest. Explain the nature of other debt on which interest was incurred during the year.</p> <p>(d) <i>Other Interest Expense</i> (Account 431) -- Report particulars (details) including the amount and interest rate for other interest charges incurred during the year.</p>	
Line No.	Item (a)	Amount (b)	
1	Miscellaneous Amortization (Account 425)		
2	None	-	
3	TOTAL Miscellaneous Amortization	-	
4			
5	Miscellaneous Income Deductions (Account 426.1-426.5)		
6	Account 426.1 Palace Sports and Entertainment - Corporate Sponsorship	635,032	
7	Account 426.1 Olympia Entertainment Events - Corporate Sponsorship	536,553	
8	Account 426.1 Port of Monroe	350,000	
9	Account 426.1 Detroit Tigers - Corporate Sponsorship	235,771	
10	Account 426.1 Detroit Belle Isle Grand Prix, Inc.	134,944	
11	Account 426.1 Corporate Donations	1,505,286	
12	TOTAL Donations	3,397,586	
13			
14	Account 426.3 Accrued Environmental Penalty	1,800,000	
15	Account 426.3 Tax Penalty	1,603,959	
16	Account 426.3 North American Electric Reliability Corporation Penalty	825,000	
17	Account 426.3 State of Michigan Penalty (U-20156)	307,500	
18	Account 426.3 Storm Response Penalty (U-20169)	230,192	
19	Account 426.3 Other Penalties	22,368	
20	TOTAL Penalties	4,789,019	
21			
22	Account 426.4 Political and Civic Activities (1)	2,952,724	
23			
24	Account 426.5 Capital Cost Disallowance (U-20162)	13,337,098	
25	Account 426.5 Nonqualified Pension Expense	10,368,785	
26	Account 426.5 Accrued Community Projects and Infrastructure	5,500,000	
27	Account 426.5 Expenses Related to Land Sale	852,400	
28	Account 426.5 Payroll - Other Labor	60,000	
29	TOTAL Other Deductions	30,118,283	
30			
31	TOTAL Miscellaneous Deductions	41,257,612	
32			
33	Interest on Debt to Associated Companies (Account 430)		
34	Associated Company	Interest Rate	
35	DTE Energy Company	Variable	1,904,444
36	Midwest Energy Resources Company	Variable	1,901
37	TOTAL Interest on Debt to Associated Companies		1,906,345
38			
39	(1) Details of Political and Civic Activities are provided on Page 341		
40			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo. Da. Yr)	Year of Report 2019/Q4
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**PARTICULARS CONCERNING CERTAIN INCOME DEDUCTIONS
AND INTEREST CHARGES ACCOUNTS (continued)**

Report the information specified below, in the order given, for the respective income deduction and interest charges accounts. Provide a subheading for each account and a total for the account. Additional columns may be added if deemed appropriate with respect to any account.

(a) *Miscellaneous Amortization* (Account 425)-Describe the nature of items included in this account, the contra account charged, the total of amortization charges for the year, and the period of amortization.

(b) *Miscellaneous Income Deductions*-- Report the nature, payee, and amount of other income deductions for the year as required by Accounts 426.1, Donations; 426.2, Life Insurance; 426.3, Penalties; 426.4, Expenditures for Certain Civic, Political and Related

Activities; and 426.5, Other Deductions, of the Uniform System of Accounts. Amounts of less than 5% of each account total for the year (or \$1,000, whichever is greater) may be grouped by classes within the above accounts.

(c) *Interest on Debt to Associated Companies* (Account 430) -- For each associated company to which interest on debt was incurred during the year, indicate the amount and interest rate respectively for (a) advances on notes, (b) advances on open account, (c) notes payable, (d) accounts payable, and (e) other debt, and total interest. Explain the nature of other debt on which interest was incurred during the year.

(d) *Other Interest Expense* (Account 431) -- Report particulars (details) including the amount and interest rate for other interest charges incurred during the year.

Line No.	Item (a)	Amount (b)
1	(d) - Other Interest Expenses (Account 431)	Interest Rate (%)
2		
3	External Debt - Interest on short-term borrowings	1.83 - 2.77
4		4,507,264
5	External Debt - Fees & Lines of Credit Fees	Variable
6		872,226
7	Regulatory item - Renewable Energy Program	1.83 - 2.77
8		1,783,116
9	Regulatory item - U-18255 Self-implement Reserve	7.51
10		907,328
11	Regulatory Item - U-20284 Tax Credit B Refund	2.38
12		529,726
13	Regulatory item - Public Lighting Transitional Reconciliation Mechanism	1.83 - 2.77
14		(502,611)
15	Regulatory item - Power Supply Cost Recovery	Variable
16		(1,417,178)
17	Other - Customer Deposits	5.00
18		2,180,167
19	Other - Interest on Tax Reserve	5.90 - 6.39
20		797,904
21	Other - Interest on Note Payable	3.06
22		467,760
23	Other - Miscellaneous	Various
24		(75,891)
25		
26		
27		
28		
29		
30		
31	TOTAL Other Interest Expenses (Account 431)	10,049,811
32		
33		
34		
35		
36		

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES

(Account 426.4)

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities, Account 426.4.

2. Advertising expenditures in this Account shall be classified according to subheadings, as follows:
(a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customer's bills; (d) inserts in

reports to stockholders; (e) newspaper and magazine editorial services; and (f) other advertising.

3. Expenditures within the definition of paragraph (1), other than advertising shall be reported according to captions or descriptions clearly indicating the nature and purpose of the activity.

4. If respondent has not incurred any expenditures contemplated by the instruction of Account 426.4, so state.

5. Minor amount may be grouped by classes if the number of items so grouped is shown.

NOTE: The classification of expenses as nonoperating and their inclusion in this amount is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)	Amount (b)
1		
2	Outside Contract Services	\$ 504,627
3		
4	Recruiting and Relocation Expenses	23,814
5		
6	Lobbying, Political Contributions and Memberships	916,214
7		
8	Advertising Expenditures	186,307
11		
12	Other State and Federal Legislative Advocacy Expenses (36)	1,321,762
13		
14		
15	TOTAL State and Federal Legislative Advocacy Expenses	\$ 2,952,724
16		
17		
18		
19		
20		
21		
22		
23		
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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REGULATORY COMMISSION EXPENSES

1. Report particulars (details) of regulatory commission expenses incurred during the current year (or incurred in previous years, if being amortized) relating to format cases before a regulatory body, or cases in which such a body was a party.
2. Report in columns (b) and (c), only the current year's expenses that are not deferred and the current year's amortization of amounts deferred in previous years.

Line No.	Description (Furnish name of regulatory commission or body the docket or case number and a description of the case) (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expense for Current Year (b) + (c) (d)	Deferred in Account 182.3 at Beginning of Year (e)
1	Power Supply Cost Recovery (PSCR) Cases				
2	U-17680-R, 2015 PSCR Reconciliation				
3	U-20069, 2017 PSCR Reconciliation Case				
4	U-18403, 2018 PSCR Plan Case				
5	U-20203, 2018 PSCR Reconciliation				
6	U-20221, 2019 PSCR Plan Case				
7	U-20527, 2020 PSCR Plan Case				
8	Main Electric Rate Cases		9,050	9,050	
9	U-18014, 2016 Main Rate Case				
10	U-18091, Method and Avoided Cost Calculation				
11	U-18098, Study Guidelines, Rules, Procedures				
12	for Emergency Medical Holds (EMH)				
13	U-18099, Investigate Compliance for EMH				
14	U-18150, Approve Depreciation Accrual Rates				
15	U-18172, Accidental Electrocutation, 9/7/16				
16	U-18197, Electric Supply Reliability Plans				
17	2017-2021				
18	U-18203, Commission's motion on Infrastructure				
19	U-18232, Complying with Public Act 295 of 2008				
20	U-18255, 2017 Main Rate Case				
21	U-18444, Complying with MCL 460 6w				
22	U-18485, Commission's Motion on Tariffs				
23	U-18486, Commission Staff - Billing Practices				
24	U-20084, Show Cause why not in Violation of				
25	the Consumer Standards and Billing				
26	U-20154, Capacity Demonstrations as required				
27	by MCL 460 6w				
28	U-20162, 2018 Main Rate Case				
29	U-20169, Response to Storm Damage				
30	U-20258, Self-Implementation of Rates				
31	U-20304, Approval - Solid Polyphase Meters				
32	U-20348, Demand Response Issue				
33	U-20364, Reconciliation of Transitional				
34	Reconciliation Mechanism				
35	U-20366, Complying with Public Act 295 of 2008				
36	as amended by Public Act 342 of 2016				
37	U-20373, Complying with Public Act 295 of 2008				
38	as amended by Public Act 342 of 2016				
39	U-20464, Commissions report on energy				
40	contingency plan				
41	U-20471, Approval of Integrated Resource Plan				
42	U-20521, Demand response program costs				
43	U-20561, 2019 Main Rate Case				
44	U-20574, Seeking approval to amend Rider 12				
45	U-20602, Approval for Customer Pricing Pilots				
46	TOTAL	12,717,448	9,274	12,726,722	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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REGULATORY COMMISSION EXPENSES (Continued)

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.
 4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.
 5. Minor items (less than \$25,000) may be grouped.

EXPENSES INCURRED DURING YEAR				AMORTIZED DURING YEAR			
CURRENTLY CHARGED TO			Deferred to Account 182.3 (i)	Contra Account (j)	Amount (k)	Deferred in Account 182.3 End of Year (l)	Line No.
Department (f)	Account No. (g)	Amount (h)					
							1
							2
							3
							4
							5
							6
							7
Electric	928	9,050					8
							9
							10
							11
							12
							13
							14
							15
							16
							17
							18
							19
							20
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							41
							42
							43
							44
							45
		12,726,722					46

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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REGULATORY COMMISSION EXPENSES

1. Report particulars (details) of regulatory commission expenses incurred during the current year (or incurred in previous years, if being amortized) relating to format cases before a regulatory body, or cases in which such a body was a party.
2. Report in columns (b) and (c), only the current year's expenses that are not deferred and the current year's amortization of amounts deferred in previous years.

Line No.	Description (Furnish name of regulatory commission or body the docket or case number and a description of the case) (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expense for Current Year (b) + (c) (d)	Deferred in Account 182.3 at Beginning of Year (e)
1	U-20611, Approval to amend Outdoor Protective				
2	Lighting Rate schedule				
3	U-20646, Amend tariffs governing metering				
4	requirements				
5	U-18352, Comply with Section 61 of 2016				
6	PA 342				
7	U-20343, Approval of Large Customer Voluntary				
8	Green Pricing Program				
9	General Pricing and Regulation		224	224	
10	Various MPSC Cases, Customer Complaints,				
11	Certificates of Public Convenience and				
12	Necessity, Gas Customer Choice				
13					
14	Assessment Fees	12,113,957		12,113,957	
15	PA 304 Intervener Funding	591,174		591,174	
16	Other Assessment Fees	12,317		12,317	
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL	12,717,448	9,274	12,726,722	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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REGULATORY COMMISSION EXPENSES (Continued)

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.
4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.
5. Minor items (less than \$25,000) may be grouped.

EXPENSES INCURRED DURING YEAR				AMORTIZED DURING YEAR			
CURRENTLY CHARGED TO			Deferred to Account 182.3 (i)	Contra Account (j)	Amount (k)	Deferred in Account 182.3 End of Year (l)	Line No.
Department (f)	Account No. (g)	Amount (h)					
							1
							2
							3
							4
							5
							6
							7
							8
Electric	928	224					9
							10
							11
							12
							13
Electric	408.1	12,113,957					14
Electric	408.1	591,174					15
Electric	928	12,317					16
							17
							18
							19
							20
							21
							22
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							45
		12,726,722					46

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of <u>2019/Q4</u>
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RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES

1. Describe and show below costs incurred and accounts charged during the year for technological research, development, and demonstration (R, D & D) project initiated, continued or concluded during the year. Report also support given to others during the year for jointly-sponsored projects. (Identify recipient regardless of affiliation.) For any R, D & D work carried with others, show separately the respondent's cost for the year and cost chargeable to others (See definition of research, development, and demonstration in Uniform System of Accounts).

2. Indicate in column (a) the applicable classification, as shown below:

Classifications:

A. Electric R, D & D Performed Internally:

(1) Generation

a. hydroelectric

i. Recreation fish and wildlife

ii Other hydroelectric

b. Fossil-fuel steam

c. Internal combustion or gas turbine

d. Nuclear

e. Unconventional generation

f. Siting and heat rejection

(2) Transmission

a. Overhead

b. Underground

(3) Distribution

(4) Regional Transmission and Market Operation

(5) Environment (other than equipment)

(6) Other (Classify and include items in excess of \$50,000.)

(7) Total Cost Incurred

B. Electric, R, D & D Performed Externally:

(1) Research Support to the electrical Research Council or the Electric Power Research Institute

Line No.	Classification (a)	Description (b)
1	B. Electric, R, D & D Performed Externally:	
2	(1) Research Support to the electrical	
3	Research Council or the Electric Power	
4	Research Institute	
5		Fossil Generation - Capital
6		Environmental Technology - Capital
7		Environmental - Capital
8		Distribution & Operations - Capital
9		Environmental - O&M
10		Nuclear Generation - O&M
11		Nuclear Generation - O&M - Renewables
12		Distribution & Operations - O&M
13	(5) Total Costs Incurred Externally	
14		
15		
16		
17		
18		
19		
20		
21		
22		
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38		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES (Continued)

- (2) Research Support to Edison Electric Institute
 (3) Research Support to Nuclear Power Groups
 (4) Research Support to Others (Classify)
 (5) Total Cost Incurred

3. Include in column (c) all R, D & D items performed internally and in column (d) those items performed outside the company costing \$50,000 or more, briefly describing the specific area of R, D & D (such as safety, corrosion control, pollution, automation, measurement, insulation, type of appliance, etc.). Group items under \$50,000 by classifications and indicate the number of items grouped. Under Other, (A (6) and B (4)) classify items by type of R, D & D activity.

4. Show in column (e) the account number charged with expenses during the year or the account to which amounts were capitalized during the year, listing Account 107, Construction Work in Progress, first. Show in column (f) the amounts related to the account charged in column (e)

5. Show in column (g) the total unamortized accumulating of costs of projects. This total must equal the balance in Account 188, Research, Development, and Demonstration Expenditures, Outstanding at the end of the year.

6. If costs have not been segregated for R, D & D activities or projects, submit estimates for columns (c), (d), and (f) with such amounts identified by "Est."

7. Report separately research and related testing facilities operated by the respondent.

Costs Incurred Internally Current Year (c)	Costs Incurred Externally Current Year (d)	AMOUNTS CHARGED IN CURRENT YEAR		Unamortized Accumulation (g)	Line No.
		Account (e)	Amount (f)		
					1
					2
					3
					4
	792,042	107	792,042		5
	970,116	107	970,116		6
	376,225	107	376,225		7
	195,267	107	195,267		8
	144,931	549	144,931		9
	965,216	524	965,216		10
	242,312	553	242,312		11
	83,917	416	83,917		12
	3,770,026		3,770,026		13
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Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
DISTRIBUTION OF SALARIES AND WAGES					
Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.					
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)	
1	Electric				
2	Operation				
3	Production	162,857,558			
4	Transmission	15,812			
5	Regional Market				
6	Distribution	60,561,213			
7	Customer Accounts	44,134,230			
8	Customer Service and Informational	22,181,795			
9	Sales	2,026,059			
10	Administrative and General	138,736,236			
11	TOTAL Operation (Enter Total of lines 3 thru 10)	430,512,903			
12	Maintenance				
13	Production	102,422,802			
14	Transmission				
15	Regional Market				
16	Distribution	56,991,720			
17	Administrative and General				
18	TOTAL Maintenance (Total of lines 13 thru 17)	159,414,522			
19	Total Operation and Maintenance				
20	Production (Enter Total of lines 3 and 13)	265,280,360			
21	Transmission (Enter Total of lines 4 and 14)	15,812			
22	Regional Market (Enter Total of Lines 5 and 15)				
23	Distribution (Enter Total of lines 6 and 16)	117,552,933			
24	Customer Accounts (Transcribe from line 7)	44,134,230			
25	Customer Service and Informational (Transcribe from line 8)	22,181,795			
26	Sales (Transcribe from line 9)	2,026,059			
27	Administrative and General (Enter Total of lines 10 and 17)	138,736,236			
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	589,927,425		589,927,425	
29	Gas				
30	Operation				
31	Production-Manufactured Gas				
32	Production-Nat. Gas (Including Expl. and Dev.)				
33	Other Gas Supply				
34	Storage, LNG Terminating and Processing				
35	Transmission				
36	Distribution				
37	Customer Accounts				
38	Customer Service and Informational				
39	Sales				
40	Administrative and General				
41	TOTAL Operation (Enter Total of lines 31 thru 40)				
42	Maintenance				
43	Production-Manufactured Gas				
44	Production-Natural Gas (Including Exploration and Development)				
45	Other Gas Supply				
46	Storage, LNG Terminating and Processing				
47	Transmission				

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DISTRIBUTION OF SALARIES AND WAGES (Continued)					
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)	
48	Distribution				
49	Administrative and General				
50	TOTAL Maint. (Enter Total of lines 43 thru 49)				
51	Total Operation and Maintenance				
52	Production-Manufactured Gas (Enter Total of lines 31 and 43)				
53	Production-Natural Gas (Including Expl. and Dev.) (Total lines 32,				
54	Other Gas Supply (Enter Total of lines 33 and 45)				
55	Storage, LNG Terminaling and Processing (Total of lines 31 thru				
56	Transmission (Lines 35 and 47)				
57	Distribution (Lines 36 and 48)				
58	Customer Accounts (Line 37)				
59	Customer Service and Informational (Line 38)				
60	Sales (Line 39)				
61	Administrative and General (Lines 40 and 49)				
62	TOTAL Operation and Maint. (Total of lines 52 thru 61)				
63	Other Utility Departments				
64	Operation and Maintenance				
65	TOTAL All Utility Dept. (Total of lines 28, 62, and 64)	589,927,425		589,927,425	
66	Utility Plant				
67	Construction (By Utility Departments)				
68	Electric Plant	366,932,637		366,932,637	
69	Gas Plant				
70	Other (provide details in footnote):				
71	TOTAL Construction (Total of lines 68 thru 70)	366,932,637		366,932,637	
72	Plant Removal (By Utility Departments)				
73	Electric Plant				
74	Gas Plant				
75	Other (provide details in footnote):				
76	TOTAL Plant Removal (Total of lines 73 thru 75)				
77	Other Accounts (Specify, provide details in footnote):				
78					
79	163 Stock and Procurement Pool	16,748,961		16,748,961	
80					
81	183 Preliminary Survey	147,581		147,581	
82					
83	253 Remediation Costs - DTE	69,362		69,362	
84					
85	416 Costs and Expenses of Merchandise and Jobbing	6,395,598		6,395,598	
86	426.1 Donations	279,677		279,677	
87	426.4 Civic Political, and Related Expenses	1,064,274		1,064,274	
88	426.5 Other Deductions	60,000		60,000	
89					
90					
91					
92					
93					
94					
95	TOTAL Other Accounts	24,765,453		24,765,453	
96	TOTAL SALARIES AND WAGES	981,625,515		981,625,515	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES					
<p>1. Report the information specified below for all charges made during the year included in any account (including plant accounts) for outside consultative and other professional services. (These services include rate, management, construction, engineering research, financial, valuation, legal, accounting, purchasing, advertising, labor relations, and public relations, rendered the respondent under written or oral arrangement, for which aggregate payments were made during the year to any corporation, partnership, organization of any kind, or individual (other than for services as an employee or for payments made for medical and related services) amounting to more than \$250,000, including payments for legislative services, except those which should be reported in Account 426.4, Expenditures for Certain civic,</p>			<p>Political and Related Activities.) (a) Name and address of person or organization rendering services, (b) description of services received during year and project or case to which services relate, (c) basis of charges, (d) total charges for the year, detailing utility department and account charged. 2. For any services which are of a continuing nature, give the date and term of contract and date of Commission authorization, if contract received Commission approval. 3. Designate with an asterisk associated companies.</p>		

Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1	3 Degrees Group, Inc	Consulting Services	O&M	588, 912, 920	\$ 856,200
2	407 Sansome, 4th FIR				
3	San Francisco, CA 94111				
4					
5	ABB Enterprise Software, Inc	IT Services	CAP, O&M	107, 549, 556	\$ 436,594
6	305 Gregson Dr	Consulting Services			
7	Cary, NC 27511				
8					
9	ABB Inc	Construction Services	CAP	107	\$ 419,188
10	2 Acee Drive				
11	Natrona Heights, PA 15065				
12					
13	ABB Inc	IT Services	CAP, O&M	107, 416, 506, 513,	\$ 24,327,282
14	23000 Harvard Rd	Professional Services		514, 532, 553, 592	
15	Cleveland, Oh 44122	Engineering Services			
16					
17	ABM Industry Groups, LLC	Janitorial Services	CAP, O&M	107, 923, 935, 909, 903,	\$ 1,857,699
18	1775 Crooks Rd			901, 908, 506,	
19	Suite B			580, 588, 512, 553, 593	
20	Troy, MI 48084				
21					
22	Accenture LLP	Marketing Services	CAP, O&M	107, 901, 580, 506, 923	\$ 9,834,930
23	161 N Clark St	IT Telecom Related Services			
24	Chicago, IL 60601				
25					
26	Administrative Controls	Engineering Services	CAP	107	\$ 1,743,276
27	525 Avis Dr, STE 2				
28	Ann Arbor, MI 48108				
29					
30	Aecom Energy & Construction	Engineering Services	CAP, O&M	107, 531, 524, 530, 520	\$ 6,092,643
31	6200 S Quebec St				
32	Greenwood Village, CO 80111				
33					
34					
35					

Name of Respondent		This Report Is:	Date of Report	Year of Report	
DTE Electric Company		(1) [X] An Original (2) [] A Resubmission	(Mo, Da, Yr)	2019/Q4	
CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
35	Aecom Michigan, LLC	Engineering Services	CAP, O&M	107, 517, 520,	\$ 21,555,398
36	4840 Cox Rd			524, 528, 529, 530,	
37	Glen Allen, VA 23060			531, 532, 930.2	
38					
39	Ahead, LLC	IT Services	CAP, O&M	107, 580, 921, 923	\$ 10,494,482
40	401 N Michigan Ave, STE 3400	Training Services			
41	Chicago, IL 60611				
42					
43	Alta Equipment Co	Equipment Rentals	CAP	107	\$ 955,622
44	28775 Beck Rd				
45	Wixom, MI 48393				
46					
47	Altec Industries, Inc	Vehicle Maintenance	CAP	107, 416	\$ 6,804,671
48	210 Inverness Ctr Dr				
49	Birmingham, AL 35242				
50					
51	American Energy Services, Inc	Pole Installation	O&M	416, 596	\$ 298,064
52	69210 Skinner Dr	Overhead Construction Services			
53	Richmond, MI 48062				
54					
55	Amerinet	IT Services	CAP, O&M	107, 513, 921	\$ 455,500
56	1241 S Maple Rd				
57	Ann Arbor, MI 48103				
58					
59	AMPP Construction Inc	Overhead Construction Services	CAP	107	\$ 624,591
60	810 W Washington St				
61	Winchester, In 47394				
62					
63	Anixter Power Solutions, Inc	Distribution Technology Projects	CAP	107	\$ 5,120,166
64	38000 Jay Kay Dr	Marketing Services			
65	Romulus, MI 48174				
66					
67	API Construction Co	Insulation Services	CAP, O&M	107, 506, 511, 512, 513,	\$ 597,472
68	1100 Old Highway 8 NW			514, 553	
69	New Brighton, MN 55112				
70					
71	Aquilex, LLC	Hazardous Waste Services	CAP, O&M	107, 416, 501, 506,	\$ 5,495,326
72	900 Georgia Ave			511, 512, 513, 514, 553,	
73	Deer Park, TX 77536			930.2	
74					
75	ARC American, Inc	Overhead Construction Services	CAP	107	\$ 1,521,057
76	66540 State Rd 19				
77	Wakarusa, IN 46573				
78					
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
85	Ardmore Power Logistics, LLC	Delivery Services	CAP, O&M	107, 416	\$ 6,231,595
86	37637 Five Mile Rd, STE 338			500, 501, 506,	
87	Livonia, MI 48154			511, 512, 513, 514, 517,	
88				589, 520, 524, 528, 529,	
89				583, 530, 531, 532, 553,	
90				580, 586, 588, 590,	
91				592, 593, 594, 596, 902,	
92				903, 908, 910, 920, 921,	
93				582, 548,502, 925	
94				925, 911, 912 , 930.1,	
95				930.2, 935, 591, 909	
96					
97	Asplundh Construction, LLC	Overhead Construction Services	CAP, O&M	107, 416, 580, 588, 593	\$ 15,402,328
98	708 Blair Mill Rd				
99	Willow Grove, PA 19090				
100					
101	Asplundh Tree Expert, LLC	Line Clearance Services	CAP, O&M	107, 593	\$ 40,216,317
102	708 Blair Mill Rd				
103	Willow Grove, PA 19090				
104					
105	AT and T Global Services, Inc	TeleCom Services	CAP, O&M	107, 506, 528, 548, 580,	\$ 1,879,319
106	One SBC Plaza			903, 908, 920, 921	
107	Dallas, TX 75202				
108					
109	AT&T Mobility II, LLC	TeleCom Services	CAP, O&M	107, 506, 580, 596, 903,	\$ 783,962
110	5565 Glenridge Connector, STE 510			908, 910, 920, 921	
111	Atlanta, GA 30342				
112					
113	Atwell, LLC	Surveying Services	CAP, O&M	107, 549, 553 920, 930.2	\$ 11,291,699
114	2 Towne Square, STE 700				
115	Southfield, MI 48076				
116					
117	AWP Inc	Engineering Services	CAP, O&M	107, 416, 580, 588,	\$ 406,719
118	4244 Mt Pleasant Street NW			593, 594	
119	North Canton, OH 44720				
120					
121	Babcock and Wilcox	Welding and Construction Services	CAP, O&M	107, 512, 514	\$ 9,258,191
122	Construction Co				
123	1200 E Market St, STE 651				
124	Akron, OH 44305				
125					
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
135	Balco Interiors, LLC	Professional Services	CAP, O&M	107, 506, 514,	\$ 6,316,685
136	48700 Grand River Ave			517, 524, 528, 529, 530,	
137	Novi, MI 48374			556, 580, 581, 586,588,	
138				593, 903, 908, 910, 920,	
139				901, 583, 921, 923, 935	
140				902, 930.1, 907, 911, 912	
141					
142	Bank of America N A	Banking & Finance Services	CAP, O&M	107, 921	\$ 1,292,854
143	401 N Tryon St				
144	Charlotte, NC 28255				
145					
146	Banner Sign Co, Inc	Professional Services	CAP, O&M	107, 506, 514, 588,	\$ 1,022,235
147	6538 Russell St			903, 908, 911, 512, 923,	
148	Detroit, MI 48211			920, 921	
149					
150	Barpellam, Incorporated	Professional Services	CAP, O&M	107, 416, 500, 506,	\$ 10,399,370
151	27777 Franklin Road, STE 600			511, 512, 513, 514, 517,	
152	Southfield, MI 48034			520, 524, 529, 530, 531,	
153				548, 553, 556, 580, 583,	
154				586, 588, 593, 594,	
155				901, 903, 908, 911, 912,	
156				923, 909, 910, 920, 930.2,	
157				596, 582, 935	
158					
159	Barr Engineering Company	Engineering Services	CAP, O&M	107, 500, 512, 513	\$ 749,441
160	4300 Marketpointe Dr, STE 200				
161	Minneapolis, MN 55435				
162					
163	Barton Malow Co	Construction Services	CAP, O&M	107, 416, 511, 512, 514,	\$ 10,389,669
164	26500 American Drive	Engineering Services		930.2	
165	Southfield, MI 48034	Building Maintenance & Repair			
166					
167	Basis Technologies Inc	IT Services	CAP	107	\$ 682,500
168	16301 Quorum Dr, STE 100 B				
169	Addison, TX 75001				
170					
171	Belle Tire Distributors	Vehicle Maintenance & Repair Services	CAP, O&M	107, 923	\$ 865,224
172	1000 Enterprise Dr				
173	Allen Park, MI 48101				
174					
175	BHI Energy Power Services	Personnel Services	CAP, O&M	107,520, 530,	\$ 1,513,540
176	97 Libbey Industrial Pkwy, FL 4			532, 930.2	
177	Weymouth, MA 02189				
178					
179	Black & Veatch LTD of Michigan	Engineering Services	CAP, O&M	107,500, 520, 530, 553,	\$ 7,720,756
180	3550 Green Ct			580, 908, 930.2	
181	Ann Arbor, MI 48105				
182					
183					
184					

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DTE Electric Company		(1) [X] An Original (2) [] A Resubmission	(Mo, Da, Yr)	2019/Q4	
CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
185	Blaze Contracting, Inc	Engineering Services	O&M	930.2	\$ 864,387
186	5640 St Jean St				
187	Detroit, MI 48213				
188					
189	Boral CM Holdings, LLC	Marketing Services	CAP, O&M	107, 501, 506	\$ 5,269,631
190	10701 S River Front Pkwy,				
191	STE 300				
192	S Jordan, UT 84095				
193					
194	Brand Industrial Services, Inc	Scaffolding Services	CAP, O&M	107, 416, 506, 511,	\$ 11,482,789
195	1325 Cobb International Dr,			512, 513, 514, 553, 592,	
196	STE A-1			935	
197	Kennesaw, GA 30152				
198					
199	Burns & McDonnell Michigan Inc	Engineering Services	CAP, O&M	107,512, 580, 588,	\$ 12,378,376
200	2111 Woodward Ave, STE 202	Consulting Services		903, 912	
201	Detroit, MI 48201				
202					
203	Cass Lock Contracting & Sales	Building Maintenance &	CAP, O&M	107, 512, 514, 548, 553,	\$ 272,983
204	3431 Michigan Ave	Repair Services		584, 586, 588, 903,	
205	Detroit, MI 48216-1040	Security Services		921, 923, 935	
206					
207	CBTS, LLC	IT Services	CAP, O&M	107, 921	\$ 359,974
208	221 E Fourth St				
209	Cincinnati, OH 45202				
210					
211	CDA Engineering, Inc	Engineering Services	CAP, O&M	107, 416, 513, 514,	\$ 3,449,514
212	550 Stephenson Highway, STE 310			553	
213	Troy, MI 48083				
214					
215	CDW Direct, LLC	IT & Telecom Services	CAP, O&M	107, 416, 506, 513, 517,	\$ 6,475,642
216	200 N Milwaukee Ave			524, 530, 580, 583, 908,	
217	Vernon Hills, IL 60061			921, 923	
218					
219	Cellco Partnership	Telecom Services	CAP, O&M	107, 506, 528, 548, 556,	\$ 3,598,732
220	1 Verizon Plaza			596, 903, 907, 908, 910,	
221	Alpharetta, GA 30004			911, 588, 580, 920, 930.2,	
222				921	
223					
224	Center Line Electric, Inc	Electrical Equipment Services	CAP, O&M	107,588, 592	\$ 2,533,443
225	26554 Lawrence	Construction Services			
226	Centerline, MI 48015				
227					
228					
229					
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234					

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
234 235 236 237	Centurytel Inc PO Box 4300 Carol Stream, IL 60197	TeleCom Services	CAP, O&M	107, 506, 517, 528, 580, 903, 907, 908, 921	\$ 511,670
238 239 240 241	City of Detroit 1340 Third St Detroit, MI 48226	Administration & Office Services	O&M	588	\$ 1,351,416
242 243 244 245	Clearesult Consulting, Inc 1001 Woodward Ave, STE 500 Detroit, MI 48226	Administration & Office Services Marketing Services	O&M	905, 908	\$ 4,251,658
246 247 248 249	Cogent Communications, Inc PO Box 791087 Baltimore, MD 21279	Telecom Services	CAP, O&M	107, 580, 921	\$ 691,576
250 251 252 253	Cohen Ventures Inc 449 15th St, StTE 400 Oakland, CA 94612	Marketing Services Administration & Office Services	O&M	905, 908	\$ 1,112,916
254 255 256 257	Comcast PO Box 3005 Southeastern, PA 19398	Telecom Services	CAP, O&M	107, 506, 580, 903, 930, 921	\$ 567,202
258 259 260 261	Commercial Construction, Inc 7428 Kensington Road Brighton, MI 48116	Welding Services	CAP, O&M	107, 416, 506, 511, 512, 514, 531, 553	\$ 8,211,087
262 263 264 265 266	Commercial Diving and Marine Services, Inc 1020 Wadhams Rd Kimball, MI 48074	Professional Services	CAP, O&M	107, 506, 511, 512, 514, 529	\$ 1,349,431
267 268 269 270	Compass Group USA, Inc 2400 Yorkmont Rd Charlotte, NC 28217	Food Services	CAP, O&M	107, 506, 514, 524, 580, 908, 921, 935	\$ 463,541
271 272 273 274	Concur Technologies Inc 601 108th Ave NE, STE 1000 Bellevue, WA 98004	IT Services	CAP, O&M	107, 921	\$ 372,852
275 276 277 278 279 280 281 282 283	Consumer Insights Inc 5455 Corporate Dr, STE 120 Troy, MI 48098	Consulting Services Testing & Analysis Services Marketing Services	O&M	506, 588, 903, 908, 910, 911, 912	\$ 461,061

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
284 285 286 287	Consumers Energy Company 1 Energy Plaza Jackson, MI 49201	Maintenance & Repair and Construction Services	CAP	107	\$ 26,353,925
288 289 290 291 292	Control Components Inc 22591 Avenida Empressa Rancho Santa Margarita, CA 92688	Engineering Services	O&M	532	\$ 300,000
293 294 295 296	Corby Energy Services, Inc 2021 S Schaefer Hwy Detroit, MI 48217	Underground Construction Outdoor Lighting & Maintenance Paving & Concrete Services	CAP, O&M	107, 416, 580, 588, 592, 593, 594, 596, 935	\$ 58,340,517
297 298 299 300 301	Corporate Eagle Management Services 6480 Highland Road Waterford, MI 48327	Travel Services	CAP, O&M	107, 921, 930.2	\$ 409,776
302 303 304 305	Crane 1 Services Inc 1027 Byers Rd Miamisburg, OH 45342	Substation Maintenance & Construction Services Crane-Hoist-Elevator Services	CAP, O&M	107, 506, 511, 512, 513, 514, 529, 553, 592	\$ 958,011
306 307 308 309	Crown Lift Truck Corp 44 S Washington St New Bremen, OH 45869	Equipment Maintenanc & Repair Services	CAP	107	\$ 265,745
310 311 312 313	Customer Contact Solutions LLC 725 Canton St Norwood, MA 02062	Professional Services	O&M	903	\$ 755,454
314 315 316 317	Danella Companies Inc 2290 Butler Pike Plymouth Meeting, PA 19462	Overhead Construction Services	CAP	107	\$ 1,273,559
318 319 320 321 322	Davey Tree Expert Co 1500 North Mantua St Kent, OH 44240	Line Clearance Services	CAP, O&M	107, 416, 583, 588, 593, 594	\$ 39,969,902
323 324 325 326	Day & Zimmermann Of Michigan Inc 8478 Port Sunlight Rd Newport, MI 48166	General Maintenance & Repair Services Personnel Services	CAP, O&M	107, 517, 520, 524, 529, 530, 531, 532, 930.2	\$ 10,041,922
327 328 329 330 331 332 333	Dell Marketing, LP PO Box 676021 Dallas, TX 75267	IT Services	CAP, O&M	107, 416, 506, 513 , 524, 553, 580, 586, 901, 903, 910, 921	\$ 1,154,957

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
334 335 336 337	Demaria Building Company, Inc 45500 Grand River Ave Novi, MI 48374	Construction & Professional Services	CAP, O&M	107, 553	\$ 2,732,864
338 339 340 341	Detroit Elevator Co 2121 Burdette St Ferndale, MI 48220	Crane-Hoist-Elevator Services	CAP	107	\$ 304,469
342 343 344 345	Dialogdirect, Inc 13700 Oakland Ave Highland Park, MI 48203	Professional Services	O&M	903	\$ 8,136,938
346 347 348 349	Diversified Data Processing 10811 Northend Ave Ferndale, MI 48220	Professional Services	O&M	903	\$ 863,691
350 351 352 353	Diversified Minority Services, Inc 55 Pennsylvania Ave Milan, MI 48160	Janitorial Services	CAP, O&M	107, 416, 506, 511, 512, 513, 514, 548	\$ 3,843,365
354 355 356 357	DLI Properties, LLC 2000 Brush St, STE 200 Detroit, MI 48226	Advertising Services	O&M	416, 909	\$ 368,845
358 359 360 361	Dmt Solutions Global Corp 37 Executive Dr Danbury, CT 06810	IT Services	CAP, O&M	107, 903	\$ 3,260,100
362 363 364 365	DNV GL Energy Services USA 3031 West Grand Blvd, STE 506 Detroit, MI 48202	Administrative & Office Services Advertising Marketing Services	CAP, O&M	107, 905, 908	\$ 11,878,623
366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383	DRM Maintenance and Management 380 East Monroe St Dundee, MI 48131	Grounds Maintenance Services	CAP, O&M	107, 506, 512, 514, 592, 511	\$ 635,630

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
384 385 386 387	Duke & Duke Services 25566 Pennsylvania Rd Taylor, MI 48180	Mechanical Equipment Maintenance & Repair Services	CAP, O&M	107, 416, 506, 512, 511, 513, 514, 553	\$ 3,832,450
388 389 390 391	Duke Energy Renewables 550 South Tryon St Charlotte, NC 28202	Construction Maintenance & Repair Services	CAP, O&M	107, 553	\$ 8,985,323
392 393 394 395	Dunamis Clean Energy Partners 15101 W 8 Mile Rd Detroit, MI 48235	Janitorial & Cleaning Services	CAP, O&M	107, 416, 506, 511, 512, 513, 514	\$ 2,284,238
396 397 398 399	E S P INC 623 Herman Rd Jackson, NJ 08527	IT Services	CAP	107	\$ 892,840
400 401 402 403	Eastman Fire Protection, Inc 1450 Souter Dr Troy, MI 48083	Fire Protection Services	CAP, O&M	107, 506, 511, 512, 584, 501, 591, 903, 935, 921	\$ 357,669
404 405 406 407	Edward J Painting, LLC 1190 Wadhams Rd Kimball, MI 48074	Painting Services	CAP, O&M	107, 512, 513	\$ 373,231
408 409 410 411	Electric Power Research Institute 3420 Hillview Ave Palo Alto, CA 94304	Consulting Services	CAP, O&M	107, 416, 524, 549, 514, 553, 920	\$ 4,665,953
412 413 414 415	EMC2 Corp 176 South St Hopkinton, MA 01748	IT Services	CAP, O&M	107, 165, 921, 923	\$ 936,738
416 417 418 419	Energy Group, Inc 8837 Lyndon St Detroit, MI 48238	Overhead Line & Construction Services	CAP, O&M	107, 416, 593	\$ 12,356,468
420 421 422 423 424	Energy Sciences Resource Partners 3500 W 11 Mile Road, Ste B Berkley, MI 48072	Engineering Services Consulting Services Marketing Services	CAP, O&M	107, 905, 908, 930.2	\$ 1,310,310
425 426 427 428 429 430 431 432 433	Energy Solutions Llc 299 S Main St, STE 1700 Salt Lake City, UT 84111	Hazardous Waste Services	O&M	930.2	\$ 3,820,406

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
434	Energyhub, Inc	Marketing Services	CAP	107	\$ 1,015,000
435	8281 Greensboro Dr, STE 100				
436	Tysons, VA 22102				
437					
438	Engineering Consultants Group	Engineering Services	CAP, O&M	107, 506, 513, 514, 548,	\$ 442,827
439	3394 West Market St	IT Services		553, 593	
440	Fairlawn, OH 44333	Construction Services			
441					
442	Ensight USA Inc	Pipeline Maintenance Services	CAP	107	\$ 299,851
443	3100 S Gessner				
444	Houston, TX 77063				
445					
446	Enviro Solutions Inc	Consulting Services	CAP, O&M	107, 500, 514, 524,	\$ 302,446
447	38115 Abruzzi Dr			930.2	
448	Westland, MI 48185				
449					
450	Environmental Recycling	Hazardous Waste Services	CAP, O&M	107, 500, 506, 514, 529,	\$ 293,194
451	527 E Woodland Circle	Engineering Services		553, 588, 591, 935,	
452	Bowling Green, OH 43402			930.2, 921	
453					
454	EPI Printers, Inc	Printing & Mailing Services	CAP, O&M	107, 514, 903, 908, 909,	\$ 253,876
455	5404 Wayne Rd			912, 920, 921, 923,	
456	Battle Creek, MI 49037			930.1	
457					
458	Epi Use Labs LLC	IT Services	CAP, O&M	107, 921, 923	\$ 355,419
459	2002 Summit Blvd, STE 825				
460	Atlanta, GA 30319				
461					
462	Equiniti Trust Co	Financial Services	O&M	930.2	\$ 319,583
463	Po Box 856686				
464	Minneapolis, MN 55485				
465					
466	Ernst And Young LLP	IT Services	CAP, O&M	107, 923	\$ 641,873
467	5 Times SQ	Consulting Services			
468	New York, NY 10036				
469					
470	Ethosenergy Power Plant Services	Construction Services	CAP	107	\$ 1,815,577
471	12600 Deerfield Pkwy, STE 315				
472	Alpharetta, GA 30004				
473					
474	Fahey Schultz Burzych Rhodes PLC	Legal Services	CAP, O&M	107, 923	\$ 250,052
475	4151 Okemos Rd				
476	Okemos, MI 48864				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
484	Ferndale Electric Company	Substation Services	CAP, O&M	107, 588, 593, 916,	\$ 2,662,762
485	915 East Drayton Ave	Overhead Construction Services		416	
486	Ferndale, MI 48220	Electrical Equipment Services			
487					
488	Ford Quality Fleet Care Program	Vehicle Maintenance &	CAP, O&M	107, 923	\$ 1,342,489
489	PO Box 67000	Repair Services			
490	Detroit, MI 48267				
491					
492	FWT LLC	Distribution Technology Projects	CAP	107	\$ 910,110
493	PO Box 8597				
494	Fort Worth, TX 76124				
495					
496	Gallup, Inc	Human Resources Services	CAP, O&M	107, 923	\$ 358,131
497	1001 Gallup Dr				
498	Omaha, NE 68102				
499					
500	Gardiner C Vose, Inc	Construction Services	CAP, O&M	107, 506, 512, 514, 580,	\$ 561,611
501	832 Crestview Ave			588, 908, 923, 935	
502	Bloomfield Hills, MI 48302				
503					
504	GCA Services Group, Inc	Janitorial Services	CAP, O&M	107, 520, 524, 529	\$ 907,244
505	3400 C W Wendover Ave				
506	Greensboro, NC 27407				
507					
508	GE Co	Construction Services	CAP	107	\$ 2,062,176
509	4200 Wildwood Parkway				
510	Atlanta, GA 30339				
511					
512	GE Hitachi Nuclear Energy	Engineering Services	CAP, O&M	107, 517, 519, 530, 532	\$ 773,635
513	3901 Castle Hayne Rd	Nuclear Maintenance &			
514	Wilmington, NC 28401	Repair Services			
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
534	General Electric International	Construction Services	CAP, O&M	107, 530	\$ 12,294,957
535	1 Village Center Dr	Steam Turbine Services			
536	Van Buren Twp, MI 48111				
537					
538	General Electric International Inc	Wind Equipment Services	CAP, O&M	107, 506, 553	\$ 3,209,278
539	1 River Rd	IT Services			
540	Schenectady, NY 12345	Training Services			
541					
542	Geosyntec Consultants, Inc	Engineering Services	CAP, O&M	107, 500, 506, 514	\$ 415,458
543	900 Broken Sound Parkway NW, STE 200				
544	Boca Raton, FL 33487				
545					
546	Give Em A Brake Safety	Engineering Services	CAP, O&M	107, 416, 588, 592, 593	\$ 1,056,784
547	2610 Sanford Ave SW				
548	Grandville, MI 49418				
549					
550	Global Nuclear Fuel Americas, LLC	Property Site Services	CAP, O&M	107, 520	\$ 20,891,758
551	3901 Castle Hayne Rd				
552	Wilmington, NC 28402				
553					
554					
555	Goodwills Green Works, Inc	Personnel Services	CAP, O&M	107, 514, 580, 586, 588,	\$ 832,949
556	6421 Lynch Rd			593, 594, 903, 923,	
557	Detroit, MI 48234			930.2	
558					
559	Group O Inc	Professional Services	O&M	908	\$ 456,484
560	4905 77th Ave				
561	Milan, FL 61264				
562					
563	Guardian Plumbing And Heating Inc	Plumbing Services	CAP	107	\$ 300,000
564	34400 Glendale St				
565	Livonia, MI 48150				
566					
567	Guerreso Associates, Inc	Consulting Services	CAP, O&M	107, 908, 920, 930.2	\$ 685,991
568	6860 Crestway Dr				
569	Bloomfield Hills, MI 48301				
570					
571	Guidehouse Inc	Consulting Services	O&M	908, 930.2	\$ 4,408,127
572	2723 S State St	Admin & Office Services			
573	Ann Arbor, MI 48104				
574					
575	Harlan Electric Co	Outdoor Lighting & Pole	CAP, O&M	107, 416, 593, 596	\$ 8,929,840
576	2695 Crooks Rd	Installation Services			
577	Rochester Hills, MI 48309	Overhead Construction Services			
578					
579	Harris & Harris, Ltd	Professional Services	O&M	903	\$ 3,364,846
580	111 W Jackson Blvd, STE 400				
581	Chicago, IL 60604				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
584	Hayes Mechanical LLC	Construction Services	CAP, O&M	107, 512	\$ 1,134,065
585	318 N 25th St				
586	Saginaw, MI 48601				
587					
588	Haywood Associates, Inc	IT Services	CAP, O&M	107, 921	\$ 371,453
589	124 Jewett St				
590	Georgetown, MA 01833				
591					
592	HDR Michigan Inc	Professional Services	CAP	107	\$ 822,198
593	5405 Data Ct, STE 100	Engineering Services			
594	Ann Arbor, MI 48108				
595					
596	Healey Fire Protection Inc	Fire Protection Services	CAP, O&M	107, 416, 506, 511, 514	\$ 381,144
597	134 Northpointe Dr	Construction Services		548, 553, 935	
598	Lake Orion, MI 48359				
599					
600	Henkels & McCoy, Inc	Outdoor Lighting & Maintenance Services	CAP	107	\$ 967,330
601	985 Jolly Rd				
602	Blue Bell, PA 19422				
603					
604	Hewitt Assoc	Consulting Services	O&M	926	\$ 1,077,244
605	100 Half Day Rd				
606	Lincolnshire, IL 60069				
607					
608	Holtec International	Hazardous Waste Services	CAP, O&M	107, 520, 531	\$ 6,814,066
609	1 Holtec Blvd				
610	Camden, NJ 08104				
611					
612	Honigman Miller Schwartz	Legal Services	CAP, O&M	107, 921, 923, 925	\$ 438,788
613	660 Woodward Ave				
614	Detroit, MI 48226				
615					
616	Hosler Mechanical Inc	Construction Services	CAP	107	\$ 343,250
617	10800 Galaxie Ave	Heating & Ventilating & Air Conditioning			
618	Ferndale, MI 48220	Mechanical Equipment Services			
619					
620	Howden North America Inc	Technical Services	CAP	107	\$ 911,367
621	2475 George Urban Blvd, STE 120				
622	Depew, NY 14043				
623					
624	Hunton Andrews Kurth LLP	Legal Services	CAP, O&M	107, 506, 923, 925	\$ 1,440,635
625	951 E Byrd St				
626	Richmond, VA 23219				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
634 635 636 637	ICF Resources, LLC 600 Renaissance Center Dr, Ste 1250 Detroit, MI 48243	Administrative & Marketing Services	CAP, O&M	107, 501, 903, 908, 912, 506, 923	\$ 3,974,658
638 639 640 641	Ideal Contracting, LLC 2525 Clark St Detroit, MI 48209	Mechanical Maintenance Repair Services Construction Services	CAP, O&M	107, 512	\$ 958,678
642 643 644 645	Ignite Social Media, LLC 280 Daines St, STE 200 Birmingham, MI 48009	Advertising Expenses Admin & Office Services Marketing Services	O&M	905, 908	\$ 5,435,147
646 647 648 649	IHS Global 15 Inverness Way East Englewood, CO 80112	Consulting Services Construction Services	O&M	500, 524, 549, 923, 506	\$ 274,264
650 651 652 653	Industrial Electric Co 275 E Milwaukee St Detroit, MI 48202	Electrical Equipment Services Maintenance & Repair Services Construction Services	CAP, O&M	107, 506, 548, 580, 903, 923, 935	\$ 1,094,113
654 655 656 657	Insight Energy Ventures, LLC 333 West 7th St, STE 200 Royal Oak, MI 48067	Marketing Services Advertising Expenses	CAP, O&M	107, 908, 930.1	\$ 2,374,843
658 659 660 661	Integrated Power Services LLC 3 Independence Pointe, STE 100 Greenville, SC 29615	Construction Services Professional Services Wind Equipment Services	CAP, O&M	107, 553	\$ 324,102
662 663 664 665	International Business Machines Corp 1 North Castle Dr Armonk, NY 10504	IT Services	CAP, O&M	107, 506, 580, 593, 921, 923, 926	\$ 3,565,745
666 667 668 669	International Chimney Corp 55 S Long St Williamsville, NY 14221	Technical Services	CAP, O&M	107, 512, 514	\$ 303,181
670 671 672 673	International Transmission Co 27175 Energy Way Novi, MI 48377	Overhead Construction Services Professional Services	CAP, O&M	107, 416	\$ 6,710,946
674 675 676 677 678 679 680 681 682 683	Interpro Solutions LLC 105 Central St, STE 3100 Stoneham, MA 02180	IT Services	CAP, O&M	107, 514, 921	\$ 1,052,550

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
684	Intren LLC	Overhead Construction Services	CAP, O&M	107, 588, 593	\$ 3,259,556
685	18202 W Union Rd				
686	Union, IL 60180				
687					
688	Itron, Inc	IT Services	CAP, O&M	107, 588, 908, 903, 912,	\$ 3,880,800
689	2111 N Molter Rd	Marketing Services		921	
690	Liberty Lake, WA 99019	Consulting Services			
691					
692	J F Electric, Inc	Overhead Construction Services	CAP	107	\$ 341,937
693	100 Lakefront Pkwy				
694	Edwardsville, IL 62025				
695					
696	J J Barney Construction, Inc	Construction Services	CAP	107	\$ 817,405
697	2397 Devondale, STE 101				
698	Rochester Hills, MI 48309				
699					
700	J Ranck Electric, Inc	Weather Services	CAP, O&M	107, 593	\$ 461,494
701	1993 Gover Pkwy				
702	MT Pleasant, MI 48858				
703					
704	Jaflo Inc	Line Clearance Services	CAP, O&M	107, 593	\$ 14,315,073
705	1575 Pond Rd, STE 104				
706	Allentown, PA 18104				
707					
708	Jason McAleer	Security Services	CAP, O&M	107, 593, 908, 923	\$ 645,021
709	440 Burroughs St, STE 170				
710	Detroit, MI 48202				
711					
712	John E Green Co	Substation Services	CAP, O&M	107, 511, 512, 935	\$ 945,452
713	220 Victor Ave				
714	Highland Park, MI 48203				
715					
716	Jones Day	Legal Services	O&M	908, 925	\$ 946,669
717	51 Louisiana Ave NW				
718	Washington, DC 20001				
719					
720	Kaltz Excavating Co, Inc	Underground Construction Services	CAP, O&M	107, 416, 592, 593, 594	\$ 21,352,264
721	2420 Auburn Rd				
722	Auburn Hills, MI 48326				
723					
724	Kappen Tree Services, LLC	Line Clearance Services	CAP, O&M	107, 506, 588, 593	\$ 36,084,562
725	2675 Hurds Corner Rd				
726	Cass City, MI 48726				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
734	Kennedy Industries Inc	Technical Services	CAP, O&M	107, 506, 511, 512, 513, 514, 529, 531	\$ 314,715
735	4925 Holtz Dr				
736	Wixom, MI 48393				
737					
738	Kiewit Engineering Mi Co	Engineering Services	CAP	107	\$ 312,634,050
739	4000 Renaissance Ctr, STE 2600	Construction Services			
740	Detroit, MI 48243				
741					
742	KM Plant Services, Inc	Vacuum Services	CAP, O&M	107, 416, 501, 506, 511, 512, 513, 514, 553, 930.2	\$ 3,825,417
743	17100 Southfield Rd	Hazardous Waste Services			
744	Allen Park, MI 48101				
745					
746	Knight Watch	Security Services	CAP, O&M	107, 588, 923, 935	\$ 1,510,939
747	3005 Business One Dr	IT Services			
748	Kalamazoo, MI 49048	Electrical Construction Services			
749					
750	Konecranes Nuclear Equipment	Overhead Crane Services	O&M	520, 529, 530, 531	\$ 326,668
751	5300 S Emmer Dr				
752	New Berlin, WI 53151				
753					
754	KPMG LLP	Consulting Services	CAP, O&M	107, 593, 923	\$ 817,954
755	3 Chestnut Ridge Rd				
756	Montvale, NJ 07645				
757					
758	Lakeside Environmental	Line Clearance Services	O&M	593	\$ 2,784,035
759	Consultants				
760	295 Buck Rd, STE 203				
761	Southampton, PA 18966				
762					
763	Latham & Watkins LLP	Legal Services	CAP, O&M	107, 514, 930.2	\$ 1,485,767
764	555 West 5th St, STE 800				
765	Los Angeles, CA 90013				
766					
767	Lecom, Inc	Overhead Construction Services	CAP, O&M	107, 416, 593, 903	\$ 65,648,886
768	29377 Hoover Rd	Outdoor Lighting & Maintenance Services			
769	Warren, MI 48093				
770					
771	Leidos Engineering LLC	Advertising Services	O&M	905, 908	\$ 339,821
772	9400 N Broadway, STE 300	Marketing Services			
773	Oklahoma City, OK 73114				
774					
775	Leidos Of Michigan Inc	Engineering Services	CAP, O&M	107, 500, 588	\$ 1,755,080
776	11951 Freedom Dr				
777	Resont, VA 20190				
778					
779	Litigation Associates PLLC	Professional Services	O&M	908	\$ 288,046
780	7375 Woodward Ave, STE 2000	Personnel Services			
781	Detroit, MI 48202				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
784	LJ Ross Associates, Inc	Professional Services	O&M	903	\$ 465,407
785	4 Universal Way				
786	Jackson, MI 49202				
787					
788	M J Electric, LLC	Overhead Construction Services	CAP	107	\$ 3,027,864
789	200 West Frank Pipp Dr				
790	Iron Mountain, MI 49801				
791					
792	Madison Electric Co	Electrical Equipment Services	CAP, O&M	107, 923	\$ 257,678
793	31855 Van Dyke Ave	Building Maintenance &			
794	Warren, MI 48093	Repair Services			
795					
796	Manhattan Telecommunications	Telecom Services	CAP, O&M	107, 506, 528, 548, 556,	\$ 1,493,744
797	Corporation			580, 596, 903, 907, 908,	
798	55 Water St, FLR 32			910, 911, 920, 921, 930.2	
799	New York, NY 10041				
800					
801	Marine Pollution Control	Environmental Control Services	CAP, O&M	107, 416, 512, 514,	\$ 313,210
802	8631 W Jefferson Ave	Equipment Rental Services		524, 529, 531	
803	Detroit, MI 48209				
804					
805	Marketing Links, Inc	Professional Services	O&M	909	\$ 306,868
806	31671 East Belleville Tr	Consulting Services			
807	Beverly Hills, MI 48025				
808					
809	MCI Worldcom Network Services Inc	Telecom Services	CAP, O&M	107, 506, 528, 556, 580,	\$ 2,938,886
810	22001 Loudoun County Pkwy			596, 903, 907, 908, 910,	
811	Ashburn, VA 20147			911, 912, 920, 921, 930.2	
812					
813	MCPC, Inc	IT Services	CAP	107	\$ 994,737
814	21500 Aerospace Pkwy				
815	Cleveland, OH 44142				
816					
817	Mechanical Dynamics & Analysis, Ltd	Steam Turbine Services	CAP, O&M	107, 511, 512, 513, 514	\$ 1,805,856
818	767 Pierce Rd, STE 2	Maintenance Services			
819	Clifton Park, NY 12065				
820					
821	Medina Resources Group LLC	Construction Services	CAP	107	\$ 365,471
822	734 E Church St				
823	Willamston, MI 48895				
824					
825	Mercury Fulfillment Systems, Inc	Marketing Services	CAP, O&M	107, 506, 514, 532,	\$ 803,603
826	35610 Mound Rd	Professional Services		556, 580, 593, 903, 907,	
827	Sterling Heights, MI 48310			908, 909, 911, 912, 920,	
828				921, 923, 930.1	
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
834	Metro Engineering Solutions	Engineering & Consulting Services	CAP, O&M	107, 416, 593, 594	\$ 5,099,058
835	6001 Schooner				
836	Belleville, MI 48112				
837					
838	Meylan Enterprises, Inc	Water & Sand Blasting Services	CAP, O&M	107, 512	\$ 832,438
839	6225 S 60th St				
840	Omaha, NE 68117				
841					
842	Michigan Tractor & Machinery Company	Rental Services	CAP, O&M	107, 416, 501, 506, 511,	\$ 3,756,236
843	24800 Novi Road	Maintenance & Repair Services		512, 513, 514, 520, 524,	
844	Novi, MI 48375			529, 530, 531, 532, 553,	
845				591, 592, 593, 921, 935	
846					
847	Microsoft Licensing Group	IT Services	CAP, O&M	107, 580, 593,	\$ 6,546,670
848	6100 Neil Rd, STE 210			921, 923	
849	Reno, NV 89511				
850					
851	Mid American Group	Construction Services	CAP, O&M	107, 506, 512, 513, 514,	\$ 11,556,511
852	8475 Port Sunlight	General Maintenance & Repair Services		517, 520, 524, 529, 530,	
853	Newport, MI 48166			531, 532, 580, 591, 930.2	
854					
855	Miller Canfield Paddock & Stone	Legal Services	CAP, O&M	107, 506, 524, 580, 588,	\$ 1,763,329
856	150 W Jefferson Ave			593, 901, 908, 910, 923,	
857	Detroit, MI 48226			925, 930.2	
858					
859	Miss Dig System, Inc	Underground Utility Services	O&M	580	\$ 298,667
860	3285 Lapeer Rd				
861	Auburn Hills, MI 48326				
862					
863	Monarch Electric Apparatus Service	Construction Services	CAP	107	\$ 375,786
864	18800 Meginnity St				
865	Melvindale, MI 48122				
866					
867	Monarch Welding & Engineering	Boiler Maintenance & Repair Services	CAP, O&M	107, 511, 512, 514	\$ 26,703,995
868	23635 Mound Rd				
869	Warren, MI 48091				
870					
871	Monroe Plumbing & Heating Co	Plumbing Services	CAP, O&M	107, 506, 511, 512, 513,	\$ 1,447,298
872	506 Cooper St	HVAC Services		514	
873	Monroe, MI 48161				
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DTE Electric Company		(1) [X] An Original (2) [] A Resubmission	(Mo, Da, Yr)	2019/Q4	
CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
884	Motor City Electric Utilities Co	Construction Services	CAP, O&M	107, 416, 511, 512, 513,	\$ 22,966,437
885	9440 Grinnell St	Substation Maintenance &		514, 553, 593, 921	
886	Detroit, MI 48213	Construction Services			
887		Electrical Construction Services			
888					
889	NAES Corp	Professional Services	O&M	548, 553	\$ 2,086,840
890	1180 NW Maple St, STE 200				
891	Issaquah, WA 98027				
892					
893	National Business Supply, Inc	Building Maintenance &	CAP, O&M	107, 416, 506, 512, 514,	\$ 3,786,726
894	2595 Bellingham Dr	Repair Services		524, 548, 580, 588, 596,	
895	Troy, MI 48083	IT Services		903, 910, 920, 921,	
896				923, 930.2, 935	
897					
898	National Energy Foundation	Admin & Office Services	O&M	580, 905, 908	\$ 869,215
899	4516 S 700 E, STE 100	Professional Services			
900	Salt Lake City, UT 84107				
901					
902	Nationwide Envelope LLC	Professional Services	O&M	903	\$ 291,438
903	21260 W 8 Mile Rd				
904	Southfield, MI 48075				
905					
906	Nelson Tree Service LLC	Line Clearance	CAP, O&M	107, 593	\$ 1,947,798
907	3300 Office Park Dr				
908	Dayton, OH 45439				
909					
910	Netscout Systems Inc	IT Services	CAP, O&M	107, 921	\$ 911,249
911	310 Littleton Rd				
912	Westford, MA 01886				
913					
914	Neudesic LLC	IT Services	CAP, O&M	107, 923	\$ 287,989
915	200 Spectrum Center Dr, STE 2000				
916	Irvine, CA 92618				
917					
918	Neustar Information Services Inc	IT Services	CAP, O&M	107, 903	\$ 294,891
919	21575 Ridgetop Cir				
920	Sterling, VA 20166				
921					
922	Newkirk Electric Associates, Inc	Engineering Services	CAP, O&M	107, 416	\$ 1,792,418
923	1875 Roberts St				
924	Muskegon, MI 49442				
925					
926	Neyer Tiseo & Hindo, Ltd	Engineering Services	CAP, O&M	107, 416, 500, 506,	\$ 1,823,254
927	41780 Six Mile Rd			511, 531, 553, 592,	
928	Northville, MI 48168			594, 935	
929					
930	Nordstrom Samson & Assoc, Inc	Architectural Services	CAP	107	\$ 893,086
931	23761 Research Dr				
932	Farmington Hills, MI 48335				
933					

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
934	North American Electric Reliability	IT Services	CAP, O&M	107, 580, 930.2	\$ 1,909,367
935	3353 Peachtree Rd NE, STE 600				
936	Atlanta, GA 30326				
937					
938	North Star HR Corp	Benefit Plan Administration	CAP, O&M	107, 580, 581, 586, 588,	\$ 897,929
939	2000 Town Center, STE 1900	Services		921	
940	Southfield, MI 48075				
941					
942	Nuance Enterprise Solutions	Professional Services	CAP, O&M	107, 910	\$ 560,972
943	1 Wayside Rd				
944	Burlington, MA 01803				
945					
946	OCG Companies LLC	Environmental Services	CAP, O&M	107, 593, 594	\$ 399,349
947	611 Hillger	Grounds Maintenance Services			
948	Detroit, MI 48214				
949					
950	Olympia Entertainment Events	Advertising Expenses	CAP, O&M	107, 416, 588,	\$ 1,113,711
951	2525 Woodward Ave			909, 921	
952	Detroit, MI 48214				
953					
954	Onur Ulgen Inc	General Building / Facility Services	CAP	107	\$ 327,827
955	15726 Michigan Ave	Building Maintenance &			
956	Dearborn, MI 48126	Repair Services			
957					
958	Open Systems International, Inc	IT Services	CAP, O&M	107, 580	\$ 5,239,334
959	4101 Arrowhead Dr				
960	Medina, MN 55340				
961					
962	Open Text Inc	IT Services	CAP, O&M	107, 921	\$ 3,657,677
963	2950 S Delaware St				
964	San Mateo, CA 94403				
965					
966	OPTIV Security, Inc	IT Services	CAP, O&M	107, 921, 923	\$ 1,787,254
967	1125 17th St, STE 1700				
968	Denver, CO 80202				
969					
970	Oracle America, Inc	IT Services	CAP, O&M	107, 506, 580, 908, 921	\$ 3,266,462
971	500 Oracle Pkwy	Administrative & Office Services			
972	Redwood Shores, CA 94065				
973					
974	Osisoft LLC	IT Services	CAP	107	\$ 625,000
975	1600 Alvarado St				
976	Sanleandro, CA 94577				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
984	Osmose Utilities Services, Inc	Overhead Construction Services	CAP	107	\$ 833,629
985	215 Greencastle Rd	Pole Installation &			
986	Tyrone, GA 30290	Maintenance Services			
987					
988	Overhead Lines, LLC	Overhead Construction Services	CAP, O&M	107, 593	\$ 1,518,831
989	7929 E M36				
990	Whitmore Lake, MI 48189				
991					
992	Palmer Moving & Storage	Moving & Storage Services	CAP, O&M	107, 416, 500, 506, 512,	\$ 1,005,975
993	24660 Dequindre Rd	Furniture Services		514, 524, 529, 532, 548,	
994	Warren, MI 48091			553, 593, 580, 586, 588,	
995				903, 907, 910, 911,	
996				920, 923, 930.2, 935	
997					
998	Peaker Services, Inc	Mechanical Equipment Services	CAP, O&M	107, 501, 506, 512, 553	\$ 393,893
999	8080 Kensington Ct	Railroad Services			
1000	Brighton, MI 48116				
1001					
1002	PES Group, Inc	Engineering Services	O&M	416, 908	\$ 1,417,030
1003	30300 Northwestern Hwy, STE 260				
1004	Farmington Hills, MI 48334				
1005					
1006	PMI Energy Solutions	Overhead Construction Services	CAP	107	\$ 535,212
1007	1890 Suncast Lane				
1008	Batavia, IL 60510				
1009					
1010	Power Engineers Consulting	Engineering Services	CAP	107	\$ 486,457
1011	555 Briarwood Cir, STE 205				
1012	Ann Arbor, MI 48108				
1013					
1014	Power Engineers, Inc	Engineering Services	CAP	107	\$ 690,052
1015	3940 Glenbrook Dr				
1016	Hailey, ID 83333				
1017					
1018	Power Plus Engineering, Inc	Substation Maintenance &	CAP, O&M	107, 580, 592	\$ 362,172
1019	47119 Cartier Ct	Construction Services			
1020	Wixom, MI 48393	Professional Services			
1021					
1022	Powerplan Inc	IT Services	CAP, O&M	107, 921	\$ 666,992
1023	300 Galleria Pkwy, STE 2100				
1024	Atlanta, GA 30339				
1025					
1026	Preventive Maintenance Technologies	Electrical Equipment Services	CAP, O&M	107, 580, 588, 592, 594	\$ 544,869
1027	29395 Wall St	Construction Services			
1028	Wixom, MI 48393				
1029					
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1031					
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1034	PricewaterhouseCoopers LLP	Financial Services	CAP, O&M	107, 923	\$ 2,704,338
1035	3109 W Drive ML King Jr Blvd	Consulting Services			
1036	Tampa, FL 33607				
1037					
1038	Property Damage Recovery	Professional Services	O&M	583	\$ 670,770
1039	464 Wedington Ct				
1040	Rochester, MI 48307				
1041					
1042	Proquire LLC	IT Services	CAP, O&M	107, 921	\$ 495,185
1043	1255 Treat Blvd, Ste 250				
1044	Walnut Creek, CA 94597				
1045					
1046	Pros Services Inc	Environmental Control Services	CAP, O&M	107, 416, 511, 512, 514,	\$ 6,654,300
1047	PO Box 610548	Overhead Construction Services		529, 531, 553, 582, 588,	
1048	Port Huron, MI 48061			593, 594, 930.2	
1049					
1050	Pullman SST, Inc	Substation Maintenance & Construction Services	CAP	107	\$ 284,375
1051	10150 Old Columbia Rd				
1052	Columbia, MD 21046				
1053					
1054	Quantum Spatial Inc	Professional Services	O&M	593	\$ 999,925
1055	N6216 Resource Dr				
1056	Sheboygan Falls, WI 53085				
1057					
1058	R J Stacey, Ltd	Boiler Maintenance & Repair Services	O&M	416, 511, 512, 514	\$ 440,480
1059	788 Pinnery Blvd				
1060	Lake Orion, MI 48362				
1061					
1062	Rand Environmental Services, Inc	Hazardous Waste Services	CAP, O&M	107, 416, 501, 506,	\$ 7,076,580
1063	35555 Genron Ct	Insulation Services		511, 512, 513, 514, 553,	
1064	Romulus, MI 48174			580, 582, 588, 591, 592,	
1065				594, 831, 935	
1066					
1067	Rand Industrial Insulation LLC	Construction Services	CAP, O&M	107, 512	\$ 320,911
1068	35555 Genron Ct	Maintenance & Repair Services			
1069	Romulus, MI 48174				
1070					
1071	Rauhorn Electric, Inc	Overhead Construction Services	CAP, O&M	107, 593, 596	\$ 2,982,346
1072	14140 33 Mile Rd	Outdoor Lighting & Maintenance Services			
1073	Bruce Twp, Mi 48065				
1074					
1075	Raymond Excavating Co	Excavation Services	CAP, O&M	107, 506, 512, 553,	\$ 1,437,117
1076	800 Gratiot Blvd			501, 514, 548	
1077	Marysville, MI 48040				
1078					
1079	Raytheon Professional Services	Training Services	CAP, O&M	107, 506, 517, 524, 553,	\$ 3,860,126
1080	1919 Technology Dr			580, 582, 588, 593, 923	
1081	Troy, MI 48083				
1082					
1083					

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1084	RCB Industries, Inc	Telecom Services	CAP, O&M	107, 416, 506, 511,	\$ 2,925,360
1085	1030 North Crooks Rd, STE G	IT Services		512, 514, 517, 520, 524,	
1086	Clawson, MI 48017			530, 548, 553, 580, 588,	
1087				903, 908, 921, 923	
1088					
1089	RE:Group, Inc	Advertising Services	CAP, O&M	107, 506, 514,	\$ 7,462,186
1090	213 W Liberty, STE 100			556, 580, 593, 596,	
1091	Ann Arbor, MI 48104			901, 903, 907, 908,	
1092				909, 911, 912, 920,	
1093				921, 928, 930.1, 930.2	
1094					
1095	Relo Direct, Inc	Freight, Delivery &	CAP, O&M	107, 506, 514, 517, 524,	\$ 418,435
1096	161 N Clark St, STE 1250	Transportation Services		580, 583, 901, 921, 930.2	
1097	Chicago, IL 60601				
1098					
1099	Ricoh Americas Corporation	IT & Telecom Services	CAP, O&M	107, 506, 512, 514, 529,	\$ 1,532,157
1100	70 Valley Stream Parkway			520, 524, 548, 556, 580,	
1101	Malvern, PA 19355			588, 901, 903, 910,	
1102				920, 921, 923	
1103					
1104	RKA Petroleum Companies, Inc	Fleet Fuel	CAP, O&M	107, 501, 921	\$ 8,604,452
1105	28340 Wick Rd	Vehicle / Fleet Related Services			
1106	Romulas, MI 48174				
1107					
1108	Rockwell Automation	Engineering Services	CAP	107	\$ 1,252,759
1109	1201 South 2nd St				
1110	Milwaukee, WI 53204				
1111					
1112	Roncelli, Inc	Maintenance & Repair Services	CAP, O&M	107, 935	\$ 3,256,827
1113	6471 Metro Parkway	Construction Services			
1114	Sterling Heights, MI 48311				
1115					
1116	Rooney Contracting Co, Inc	Construction Services	CAP, O&M	107, 553	\$ 262,027
1117	525 E Soper Rd				
1118	Bad Axe, MI 48413				
1119					
1120	Roy Smith Co	Asbestos Removal Services	O&M	506, 511, 512, 514,	\$ 278,234
1121	14650 Dequindre St	Refractory Services		553	
1122	Detroit, MI 48212				
1123					
1124	Rudolph Libbe of Michigan, LLC	Construction Services	CAP, O&M	107, 588	\$ 1,420,939
1125	47461 Clipper St	Building Maintenance &			
1126	Plymouth, MI 48170	Repair Services			
1127					
1128					
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1131					
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1134	SAP America Inc	IT Services	CAP, O&M	107, 506, 921	\$ 326,565
1135	3999 W Chester Pike				
1136	Newtown Square, PA 19073				
1137					
1138	SAP Industries Inc	IT Services	CAP, O&M	107, 506	\$ 1,061,684
1139	3999 W Chester Pike	Consulting Services			
1140	Newtown Square, PA 19073				
1141					
1142	Sargent & Lundy, LLC	Engineering Services	CAP, O&M	107, 500, 517, 524, 528, 531, 581	\$ 4,573,668
1143	55 E Monroe St				
1144	Chicago, IL 60603				
1145					
1146	Sargent Electric Co	Overhead Construction Services	CAP	107	\$ 348,629
1147	2767 Liberty Ave				
1148	Pittsburgh, PA 15222				
1149					
1150	Secure Door, LLC	Building Maintenance & Repair Services	CAP, O&M	107, 506, 511, 512, 514, 501, 935	\$ 775,343
1151	75 Lafayette, STE 200				
1152	Mt Clemens, MI 48043				
1153					
1154	Securitas Security Services USA	Security Services	CAP, O&M	107, 580, 588, 592, 593, 594, 923	\$ 333,143
1155	9 Campus Dr				
1156	Parsippany, NJ 07054				
1157					
1158	Security Corp	Security Services	CAP, O&M	107, 506, 524, 921, 923	\$ 648,900
1159	22325 Roethel Dr	IT Services			
1160	Novi, MI 48375				
1161					
1162	Seel, LLC	Consulting Services	CAP, O&M	107, 905, 908	\$ 44,363,233
1163	7140 W Fort St				
1164	Detroit, MI 48209				
1165					
1166	Service Electric Co	Overhead Construction Services	CAP	107	\$ 2,561,437
1167	1631 East 25th St				
1168	Chattanooga, TN 37404				
1169					
1170	Servicenow Inc	IT Services	CAP	107	\$ 2,685,570
1171	2225 Lawson Ln				
1172	Santa Clara, Ca 95054				
1173					
1174	Shambaugh & Sons LP	Fire Protection Services	CAP, O&M	107, 512, 514, 524, 531, 923, 935	\$ 516,164
1175	PO Box 1287				
1176	Fort Wayne, IN 46801				
1177					
1178	Shaw Systems & Integration	Construction Services	CAP	107	\$ 1,072,253
1179	22100 Telegraph Rd				
1180	Southfield, MI 48033				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1184	Sidock Group, Inc	Engineering Services	CAP, O&M	107, 500, 511, 512, 513, 514	\$ 345,625
1185	45650 Grand River Ave				
1186	Novi, MI 48374				
1187					
1188	Siemens Energy, Inc	Steam Turbine	CAP, O&M	107, 513, 514, 553	\$ 8,769,413
1189	7000 Siemens Rd	Maintenance Services			
1190	Wendell, NC 27591				
1191					
1192	Siemens Industry, Inc	Consulting Services	CAP, O&M	107, 549, 580, 592, 923	\$ 308,117
1193	1000 Deerfield Pkwy	IT Services			
1194	Buffalo Grove, IL 60089				
1195					
1196	Signavio Inc	IT Services	O&M	506	\$ 286,813
1197	800 District Ave, STE 180				
1198	Burlington, MA 01803				
1199					
1200	Slalom LLC	Consulting Services	CAP, O&M	107, 910	\$ 327,437
1201	821 2Nd Ave, STE 1900				
1202	Seattle, WA 98104				
1203					
1204	Soil and Materials Engineers, Inc	Environmental Services	CAP, O&M	107, 923, 935	\$ 571,819
1205	4219 Woodward Ave, STE 204				
1206	Detroit, MI 48201				
1207					
1208	South Lyon Fence Co, Inc	Fencing Services	CAP, O&M	107, 553, 591, 514, 935	\$ 355,829
1209	53583 Grand River Ave				
1210	New Hudson, MI 48165				
1211					
1212	Sparks Energy Inc	Overhead Construction Services	CAP	107	\$ 7,199,345
1213	1370 Kirby Bridge Rd				
1214	Danville, AL 35619				
1215					
1216	Spe Utility Contractors LLC	Overhead Construction Services	CAP	107	\$ 326,678
1217	4400 Dove Rd				
1218	Port Huron, MI 48060				
1219					
1220	SSOE, Inc	Engineering Services	CAP, O&M	107, 553	\$ 414,263
1221	1001 Madison Ave				
1222	Toledo, OH 43624-1585				
1223					
1224	Stanley Convergent Security	IT Services	CAP	107	\$ 885,328
1225	8350 Sunlight Dr	Engineering Services			
1226	Fishers, IN 46037				
1227					
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1234	State Line Construction	Overhead Construction Services	CAP, O&M	107, 580, 593	\$ 2,198,339
1235	1135 Beaufait St				
1236	Detroit, MI 48207				
1237					
1238	Stenco Construction Co LLC	Construction Services	CAP	107	\$ 256,518
1239	12741 Farmington Rd				
1240	Livonia, MI 48150				
1241					
1242	Storm Services Engineering, LLC	Overhead Construction Services	CAP	107	\$ 790,449
1243	3949 Hwy 93 S				
1244	Thomasville, GA 31792				
1245					
1246	Strategic Staffing Solutions, LLC	Personnel Services	CAP, O&M	107, 500, 506, 511, 512, 513, 514, 517, 528, 524, 529, 532, 548, 553, 556, 580, 583, 586, 588, 593, 594, 596, 901, 902, 903, 908, 909, 910, 911, 912, 920, 921, 923, 930.1	\$ 24,581,186
1247	645 Griswold Street, STE 2900				
1248	Detroit, MI 48226				
1249					
1250					
1251					
1252					
1253	Structural Integrity Associates	Engineering Services	CAP, O&M	107, 512, 513, 517, 524, 531, 532	\$ 1,308,721
1254	5215 Hellyer Ave, STE 210	Technical Services			
1255	San Jose, CA 95138				
1256					
1257	Telogis, Inc	Valve Maintenance & Repair Services	CAP, O&M	107, 903, 923	\$ 1,518,699
1258	20 Enterprise Dr, STE 100				
1259	Aliso Viejo, CA 92653				
1260					
1261	Tempest Energy LLC	Overhead Construction Services	CAP	107	\$ 1,422,120
1262	568 Blue Heron Ln				
1263	Madisonville, LA 70447				
1264					
1265	Tenable Security, Inc	Security Services	CAP, O&M	107, 903, 921, 923	\$ 641,309
1266	2423 Payne Ave				
1267	Cleveland, OH 44114				
1268					
1269	Tetra Tech of Michigan, PC	Engineering Services	CAP, O&M	107, 506, 514, 530, 553, 588, 935	\$ 1,889,804
1270	65 Cadillac Square, STE 3400				
1271	Detroit, MI 48226				
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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1284	Thayer Power & Communication Line	Overhead Construction Services	CAP	107	\$ 348,386
1285	12345 Worthington Rd				
1286	Pataskala, OH 43062				
1287					
1288	The Bradley Co Inc	Marketing Services	CAP, O&M	107, 580, 908, 921, 930.2	\$ 923,237
1289	25925 Telegraph Rd, STE 101				
1290	Southfield, MI 48033				
1291					
1292	The Brattle Group, Inc	Consulting Services	CAP, O&M	107, 549, 921, 923	\$ 309,685
1293	1 Beacon St, STE 2600				
1294	Boston, MA 02108				
1295					
1296	The Hydaker Wheatlake Co	Overhead Construction Services	CAP, O&M	107, 416, 593	\$ 14,803,822
1297	420 Roth St				
1298	Reed City, MI 49677				
1299					
1300	The McGraw Hill Companies	Publication Services	CAP, O&M	107, 923	\$ 353,875
1301	2 Penn Plaza, 25th Floor				
1302	New York, NY 10121				
1303					
1304	The Robert Henry Corp	Overhead Construction Services	CAP	593	\$ 938,210
1305	404 S Frances St				
1306	South Bend, IN 46617				
1307					
1308	Thunder Bay Tree Service	Line Clearance Services	O&M	593	\$ 430,188
1309	1172 Halley Rd				
1310	Alpena, MI 49707				
1311					
1312	Traffic Management, Inc	Engineering Services	CAP, O&M	107, 416, 580, 588,	\$ 986,138
1313	2435 Lemon Ave	Overhead Construction Services		592, 593, 594	
1314	Signal Hill, CA 90755	Underground Construction Services			
1315					
1316	Trane US, Inc	HVAC Heating & Air	CAP, O&M	107, 506, 511, 512, 530,	\$ 267,908
1317	3600 Pammel Creek Rd	Conditioning Services		935	
1318	La Crosse, WI 54601				
1319					
1320	TRC Environmental Corp	Environmental Services	CAP, O&M	107, 506, 512, 514, 580,	\$ 1,061,282
1321	21 Griffin Rd North			416, 925, 930.2	
1322	Windsor, CT 06095				
1323					
1324	Triangle Electric Co	Substation Services	CAP, O&M	107, 511, 512, 513	\$ 619,353
1325	29787 Stephenson Hwy				
1326	Madison Heights, MI 48071				
1327					
1328	Tripwire, Inc	IT Services	CAP, O&M	107, 506, 580, 921	\$ 430,703
1329	101 SW Main St, STE 1500				
1330	Portland, OR 97204				
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1333					

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CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1334	Truckway Service Inc of Michigan	Hazardous Waste Services	O&M	511, 512, 514	\$ 379,866
1335	5850 Pardee				
1336	Taylor, MI 48180				
1337					
1338	Turrin Corporation	Electrical Equipment Services	CAP, O&M	107, 506, 511, 512, 513,	\$ 3,255,719
1339	6417 Center Dr	Maintenance & Repair Services		514, 935	
1340	Sterling Heights, MI 48312				
1341					
1342	United Conveyor Corp	Environmental Services	CAP	107	\$ 409,224
1343	2100 Norman Dr W				
1344	Waukegan, IL 60085				
1345					
1346	United Electric Co Inc	Overhead Construction Services	CAP, O&M	107, 593	\$ 555,215
1347	4333 Robards Ln				
1348	Louisville, KY 40218				
1349					
1350	United Rentals North America, Inc	Electrical Equipment Service	CAP, O&M	107, 580, 592, 593,	\$ 738,726
1351	100 First Stamford Pl, STE 700			594	
1352	Stamford, CT 06092				
1353					
1354	Universal Contracting Services LLC	Engineering Services	CAP, O&M	107, 416, 592, 593,	\$ 1,810,137
1355	5671 Trumbull Ave, STE 3	Substation Maintenance &		594, 596	
1356	Detroit, MI 48208	Construction Services			
1357					
1358	Urenco, Inc	General Site / Property Services	CAP	107	\$ 57,894,415
1359	2600 Virginia Ave NW				
1360	Washington, DC 20037				
1361					
1362	US Bank National Association	Electrical Construction Services	CAP, O&M	107, 566	\$ 17,124,764
1363	60 Livingston Ave				
1364	St Paul, MN 55107				
1365					
1366	US Security Associates, Inc	Security Services	CAP, O&M	107, 506, 511, 512,	\$ 3,558,148
1367	200 Mansell Court, STE 500			514, 556, 580, 588, 593,	
1368	Roswell, GA 30076			901, 903, 908, 912, 923, 935	
1369					
1370	USIC Locating Services, Inc	Underground Utility	O&M	580	\$ 2,889,861
1371	PO Box 713359	Services			
1372	Cincinnati, OH 45271				
1373					
1374					
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Name of Respondent		This Report Is:	Date of Report	Year of Report	
DTE Electric Company		(1) [X] An Original (2) [] A Resubmission	(Mo, Da, Yr)	2019/Q4	
CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1384	Utegration LLC	IT Services	CAP, O&M	107, 506	\$ 412,259
1385	3535 Briarpark Dr, STE 101				
1386	Houston, TX 77042				
1387					
1388	Utility Resource Group, LLC	Surveying, Underground	O&M	553, 580, 902	\$ 2,915,625
1389	6808 19 1/2 Mile Rd	Utility & Meter Reading			
1390	Sterling Heights, MI 48314	Services			
1391					
1392	Valve Reconditioning Service Co	Valve Maintenance &	CAP, O&M	107, 416, 512, 513, 514	\$ 916,032
1393	17180 Francis St	Repair Services		553	
1394	Melvindale, MI 48122				
1395					
1396	VectorForm	Marketing Services	CAP	107	\$ 529,163
1397	3905 Rochester Rd				
1398	Royal Oak, MI 48073				
1399					
1400	Verterim Inc	IT Services	O&M	580	\$ 269,388
1401	9 Queen Anne Rd				
1402	Hopkinton, MA 01748				
1403					
1404	Vesco Oil Corporation	Vehicle Maintenance &	CAP, O&M	107, 512, 923	\$ 306,164
1405	16055 West 12 Mile Rd	Repair Services			
1406	Southfield, MI 48076				
1407					
1408	W3 Construction Co	Construction Services	CAP	107	\$ 882,118
1409	7601 Second Ave	HVAC Services			
1410	Detroit, MI 48202				
1411					
1412	Wade Trim Associates	Surveying &	CAP	107	\$ 739,214
1413	500 Griswold Ave, STE 2500	Engineering Services			
1414	Detroit, MI 48226				
1415					
1416	Walker Miller Energy Services	Marketing Services	O&M	905, 908	\$ 12,462,125
1417	8045 2ND AVE				
1418	Detroit, MI 48202				
1419					
1420	Waste Management National Services	Waste Removal Services	CAP, O&M	107, 935	\$ 731,347
1421	1001 Fannin, STE 4000				
1422	Houston, TX 77002				
1423					
1424	Waste Mgmt of Michigan, Inc	Waste Removal Services	CAP, O&M	107, 506, 511, 512, 514,	\$ 652,135
1425	48797 Alpha Dr, STE 100			548, 553, 582, 593,	
1426	Wixom, MI 48393			935	
1427					
1428	Western Ecosystems Technology Inc	Consulting Services	O&M	908, 920, 930.2	\$ 338,575
1429	415 W 17th St, STE 200				
1430	Cheyenne, WY 82001				
1431					
1432					
1433					

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES (Continued)					
Line No.	Name / Address	Service	Basis of Charges	Acct #	Amount
1434	White And Case LLP	Legal Services	CAP, O&M	107, 556, 908, 923, 925, 930.2	\$ 782,469
1435	701 Thirteenth St NW				
1436	Washington, DC 20005				
1437					
1438	Wright Tree Service, Inc	Line Clearance Services	CAP, O&M	107, 416, 592, 593	\$ 45,677,518
1439	5930 Grand Ave				
1440	West Des Moines, IA 50266				
1441					
1442	Xtreme Powerline Construction	Overhead Construction Services	CAP, O&M	107, 416, 592, 593	\$ 27,984,110
1443	922 7th St	Outside Contractor Services			
1444	Port Huron, MI 48060				
1445					
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Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4	
SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES					
<p>1. In column (a) report the name of the associated company.</p> <p>2. In column (b) describe the affiliation (percentage ownership, etc.).</p> <p>3. In column (c) describe the nature of the goods and services provided (administrative and general expenses, dividends declared, etc.).</p> <p>4. In columns (d) and (e) report the amount classified to operating income and the account(s) in which reported.</p>					
Line No.	Company (a)	Affiliation (b)	Description: Nature of Goods and Services (c)	Account Number (d)	Amount Classified to Operating Income (e)
1	DTE Energy Company	Holding Company	Interdepartmental Rents	455	30,507
2					
3	DTE Biomass Energy, Inc.	Affiliate	Interdepartmental Rents	455	378,287
4					
5	DTE Coke Holdings, LLC	Affiliate	Merch/Job Revenue		
6			Fuel	501	8,007
7					
8	DTE Energy Trading, Inc.	Affiliate	Interdepartmental Rents	455	1,031,138
9					
10	River Rouge Unit 1 LLC	Affiliate	Taxes Other Than Income	408.1	1,963
11			Administrative & General	920-926	42,583
12					
13	DTE Energy Services, Inc.	Affiliate	Taxes Other Than Income	408.1	4,296
14			Interdepartmental Rents	455	3,453,396
15			Fuel	501	120,000
16			Administrative & General	920-926	84,643
17					
18	DTE PCI Enterprises Co	Affiliate	Merch/Job Revenue		
19			Merch/Job Expense		
20			Fuel	501	5,998
21					
22	EES Coke Battery, LLC	Affiliate	Merch/Job Revenue		
23			Taxes Other Than Income	408.1	760
24			Administrative & General	920-926	14,662
25					
26					
27	Midwest Energy Resources Co.	Subsidiary	Fuel Inventory		
28			Taxes Other Than Income	408.1	11,152
29			Fuel	501	334,140
30			Administrative & General	920-926	205,994
TOTAL					79,740,246

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4				
SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES (Continued)							
<p>5. In columns (f) and (g) report the amount classified to non-operating income and the account(s) in which reported.</p> <p>6. In columns (h) and (i) report the amount classified to the balance sheet and the account(s) in which reported.</p> <p>7. In column (j) report the total.</p> <p>8. In column (k) indicate the pricing method (cost, per contract terms, etc.)</p>							
Account Number (f)	Amount Classified to Non-Operating Income (g)	Account Number (h)	Amount Classified to Balance Sheet (i)	Total (j)	Pricing Method (k)	Line No.	
415	468,321			30,507	Cost	1	
							2
				378,287	Cost	3	
						4	
				468,321	Cost	5	
				8,007	Contract	6	
						7	
				1,031,138	Cost	8	
						9	
				1,963	Cost	10	
				42,583	Cost	11	
						12	
				4,296	Cost	13	
				3,453,396	Cost	14	
				120,000	Contract	15	
				84,643	Cost	16	
						17	
415	4,091,326		4,091,326	Cost	18		
416	2,637,570		2,637,570	Cost	19		
			5,998	Cost	20		
					21		
415	313,044		313,044	Cost	22		
			760	Cost	23		
			14,662	Cost	24		
					25		
					26		
		151	363,763	363,763		27	
			11,152	Cost	28		
			334,140	Cost	29		
			205,994	Cost	30		
	543,759,385		644,163	624,143,794			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4		
SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES (Continued)					
1. In column (a) report the name of the associated company. 2. In column (b) describe the affiliation (percentage ownership, etc.). 3. In column (c) describe the nature of the goods and services provided (administrative and general expenses, dividends declared, etc.). 4. In columns (d) and (e) report the amount classified to operating income and the account(s) in which reported.					
Line No.	Company (a)	Affiliation (b)	Description: Nature of Goods and Services (c)	Account Number (d)	Amount Classified to Operating Income (e)
1	Belle River Fuels Co., LLC	Affiliate	Merch/Job Expense		
2					
3	St Clair Fuels Co., LLC	Affiliate	Fuel	501	9,698,951
4			Operations & Maintenance	502-596	199,534
5					
6	DTE Gas Company	Affiliate	Capital		
7			Taxes Other Than Income	408.1	89,038
8			Interdepartmental Rents	455	37,180,287
9			Administrative & General	920-926	9,013,487
10					
11	Citizens Gas Fuel Co.	Affiliate	Interdepartmental Rents	455	122,005
12					
13	DTE Pipeline Company	Affiliate	Taxes Other Than Income	408.1	2,879
14			Interdepartmental Rents	455	4,264,884
15			Administrative & General	920-926	58,027
16					
17	DTE Gas Storage Company	Affiliate	Interdepartmental Rents	455	341,679
18					
19	DTE Gas Services Company		Taxes Other Than Income	408.1	859
20			Operations & Maintenance	502-596	11,550
21			Administrative & General	920-926	13,848
22					
23	Monroe Fuels Company, LLC	Affiliate	Merch/Job Expense		
24			Fuel	501	7,668,958
25					
26	Huron Fuels Co LLC	Affiliate	Merch/Job Expense		
27			Fuel	501	5,267,734
28					
29	DTE Sustain General Holdings	Affiliate	Taxes Other Than Income	408.1	1,813
30			Administrative & General	920-926	51,618
TOTAL					79,740,246

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES (Continued)						
5. In columns (f) and (g) report the amount classified to non-operating income and the account(s) in which reported.				7. In column (j) report the total.		
6. In columns (h) and (i) report the amount classified to the balance sheet and the account(s) in which reported.				8. In column (k) indicate the pricing method (cost, per contract terms, etc.)		
Account Number (f)	Amount Classified to Non-Operating Income (g)	Account Number (h)	Amount Classified to Balance Sheet (i)	Total (j)	Pricing Method (k)	Line No.
416	70,356,146			70,356,146	Contract	1
						2
				9,698,951	Contract	3
				199,534	Cost	4
						5
		107	280,400	280,400	Cost	6
				89,038	Cost	7
				37,180,287	Cost	8
				9,013,487	Cost	9
						10
				122,005	Cost	11
						12
				2,879	Cost	13
				4,264,884	Cost	14
				58,027	Cost	15
						16
				341,679	Cost	17
						18
				859	Cost	19
				11,550	Cost	20
				13,848	Cost	21
						22
416	369,993,918			369,993,918	Cost	23
				7,668,958	Cost	24
						25
416	95,899,060			95,899,060	Cost	26
				5,267,734	Cost	27
						28
				1,813	Cost	29
				51,618	Cost	30
	543,759,385		644,163	624,143,794		

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES (Continued)					
1. In column (a) report the name of the associated company.			services provided (administrative and general expenses, dividends declared, etc.).		
2. In column (b) describe the affiliation (percentage ownership, etc.).			4. In columns (d) and (e) report the amount classified to operating income and the account(s) in which reported.		
3. In column (c) describe the nature of the goods and					
Line No.	Company (a)	Affiliation (b)	Description: Nature of Goods and Services (c)	Account Number (d)	Amount Classified to Operating Income (e)
1	Blue Water Renewables	Affiliate	Operations & Maintenance	502-596	25,569
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
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29					
30					
TOTAL					79,740,246

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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SUMMARY OF COSTS BILLED TO ASSOCIATED COMPANIES (Continued)

5. In columns (f) and (g) report the amount classified to non-operating income and the account(s) in which reported.

6. In columns (h) and (i) report the amount classified to the balance sheet and the account(s) in which reported.

7. In column (j) report the total.

8. In column (k) indicate the pricing method (cost, per contract terms, etc.)

Account Number (f)	Amount Classified to Non-Operating Income (g)	Account Number (h)	Amount Classified to Balance Sheet (i)	Total (j)	Pricing Method (k)	Line No.
				25,569	Cost	1
						2
						3
						4
						5
						6
						7
						8
						9
						10
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						30
	543,759,385		644,163	624,143,794		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4		
SUMMARY OF COSTS BILLED FROM ASSOCIATED COMPANIES					
1. In column (a) report the name of the associated company.		services provided (administrative and general expenses, dividends declared, etc.).			
2. In column (b) describe the affiliation (percentage ownership, etc.).		4. In columns (d) and (e) report the amount classified to operating income and the account(s) in which reported.			
3. In column (c) describe the nature of the goods and					
Line No.	Company (a)	Affiliation (b)	Description: Nature of Goods and Services (c)	Account Number (d)	Amount Classified to Operating Income (e)
1	DTE Energy Company	Holding Company	Administrative & General	920-930.2	4,729,863
2			Rent	931	22,246
3					
4	DTE Energy Trading, Inc.	Affiliate	Fuel Inventory		
5					
6	DTE Energy Services, Inc	Affiliate	Capital		
7			Merch/Job Expense		
8			Operations & Maintenance	502-596	16,329
9			Customer Service	901-916	7,055
10			Administrative & General	920-930.2	6,078
11					
12	EES Coke Battery, LLC	Affiliate	Fuel Inventory		
13					
14	Midwest Energy Resources Co.	Affiliate	Fuel inventory		
15			Fuel	501	11,241,785
16			Operations & Maintenance	502-596	175,594
17					
18	St Clair Fuels Co, LLC	Affiliate	Fuel inventory		
19			Fuel	501	9,500,000
20					
21	DTE Gas Company	Affiliate	Fuel inventory		
22			Rent	931	756,864
23			Operations & Maintenance	500, 502-596	2,517,257
24			Customer Service	901-916	803,323
25					
26					
27	Monroe Fuels Company, LLC	Affiliate	Fuel Inventory		
28					
29	Blue Water Renewables	Affiliate	Purchased Power	555	2,569,154
30					
TOTAL					399,214,234

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4				
SUMMARY OF COSTS BILLED FROM ASSOCIATED COMPANIES (Continued)							
5. In columns (f) and (g) report the amount classified to non-operating income and the account(s) in which reported.		7. In column (j) report the total.					
6. In columns (h) and (i) report the amount classified to the balance sheet and the account(s) in which reported.		8. In column (k) indicate the pricing method (cost, per contract terms, etc.)					
Account Number (f)	Amount Classified to Non-Operating Income (g)	Account Number (h)	Amount Classified to Balance Sheet (i)	Total (j)	Pricing Method (k)	Line No.	
418	701,052			4,729,863	Contract	1	
				22,246	Contract	2	
							3
		151	30,900	30,900	Contract	4	
							5
		107	6,971	6,971	Contract	6	
				701,052	Contract	7	
				16,329	Contract	8	
				7,055	Contract	9	
				6,078	Contract	10	
							11
		151	2,994,191	2,994,191	Contract	12	
							13
		151	5,915,788	5,915,788	Contract	14	
				11,241,785	Contract	15	
				175,594	Contract	16	
							17
		151	91,194,990	91,194,990	Contract	18	
				9,500,000	Contract	19	
							20
		151	138,198	138,198	Contract	21	
				756,864	Contract	22	
				2,517,257	Contract	23	
				803,323	Contract	24	
							25
							26
		151	372,917,814	372,917,814	Contract	27	
							28
				2,569,154	Contract	29	
							30
	11,743,371		758,991,368	1,169,948,973			

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
SUMMARY OF COSTS BILLED FROM ASSOCIATED COMPANIES (Continued)					
1. In column (a) report the name of the associated company.			services provided (administrative and general expenses, dividends declared, etc.).		
2. In column (b) describe the affiliation (percentage ownership, etc.).			4. In columns (d) and (e) report the amount classified to operating income and the account(s) in which reported.		
3. In column (c) describe the nature of the goods and					
Line No.	Company (a)	Affiliation (b)	Description: Nature of Goods and Services (c)	Account Number (d)	Amount Classified to Operating Income (e)
1	DTE Energy Corporate Services, LLC	Affiliate	Capital		
2			Other Income & Deductions		
3			Taxes Other Than Income	408.1	10,414,766
4			Fuel	501	2,734,611
5			Rents	931	3,371,557
6			Maintenance Gen Plant	935	5,627,479
7			Operations & Maintenance	500, 502-596	40,302,380
8			Customer Service	901-916	86,632,991
9			Administrative & General	920-930	212,584,902
10					
11	Huron Fuels Co, LLC	Affiliate	Fuel Inventory		
12			Fuel	501	5,200,000
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
TOTAL					399,214,234

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4					
SUMMARY OF COSTS BILLED FROM ASSOCIATED COMPANIES (Continued)								
5. In columns (f) and (g) report the amount classified to non-operating income and the account(s) in which reported.		7. In column (j) report the total.						
6. In columns (h) and (i) report the amount classified to the balance sheet and the account(s) in which reported.		8. In column (k) indicate the pricing method (cost, per contract terms, etc.)						
Account Number (f)	Amount Classified to Non-Operating Income (g)	Account Number (h)	Amount Classified to Balance Sheet (i)	Total (j)	Pricing Method (k)	Line No.		
416, 426	11,042,319	107	163,815,551	163,815,551	Contract	1		
				11,042,319	Contract	2		
				10,414,766	Contract	3		
				2,734,611	Contract	4		
				3,371,557	Contract	5		
				5,627,479	Contract	6		
				40,302,380	Contract	7		
				86,632,991	Contract	8		
				212,584,902	Contract	9		
		151						10
			121,976,965	121,976,965	Contract	11		
				5,200,000	Contract	12		
								13
								14
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					26			
					27			
					28			
					29			
					30			
	11,743,371		758,991,368	1,169,948,973				

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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MONTHLY PEAKS AND OUTPUT

1. Report the monthly peak load and energy output. If the respondent has two or more power which are not physically integrated, furnish the required information for each non- integrated system.
2. Report in column (b) by month the system's output in Megawatt hours for each month.
3. Report in column (c) by month the non-requirements sales for resale. Include in the monthly amounts any energy losses associated with the sales.
4. Report in column (d) by month the system's monthly maximum megawatt load (60 minute integration) associated with the system.
5. Report in column (e) and (f) the specified information for each monthly peak load reported in column (d).

NAME OF SYSTEM: DTE Electric Company

Line No.	Month (a)	Total Monthly Energy (b)	Monthly Non-Requirements Sales for Resale & Associated Losses (c)	MONTHLY PEAK		
				Megawatts (See Instr. 4) (d)	Day of Month (e)	Hour (f)
29	January	4,365,120	479,385	7,514	30	1900
30	February	3,774,583	311,250	6,910	1	1100
31	March	3,886,920	239,819	6,934	4	2000
32	April	3,452,306	206,420	6,153	11	1000
33	May	3,590,750	248,526	6,804	28	1500
34	June	3,947,336	255,427	9,879	28	1500
35	July	4,854,516	239,063	10,630	19	1400
36	August	4,235,565	199,028	10,112	20	1500
37	September	3,943,817	346,251	9,359	11	1300
38	October	3,612,221	287,664	7,890	1	1500
39	November	3,526,370	91,678	6,731	13	1900
40	December	3,727,300	141,098	7,050	18	1900
41	TOTAL	46,916,804	3,045,609			

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)							
<p>1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a term basis report the Btu content of the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.</p>							
Line No.	Item (a)	Plant Name: <i>Belle River (Total)</i> (b)			Plant Name: <i>Belle River DTE-81%</i> (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Conventional			Conventional		
3	Year Originally Constructed	1984			1984		
4	Year Last Unit was Installed	1985			1985		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	1395.00			1135.39		
6	Net Peak Demand on Plant - MW (60 minutes)	1235			1005		
7	Plant Hours Connected to Load	8356			8356		
8	Net Continuous Plant Capability (Megawatts)	1270			1034		
9	When Not Limited by Condenser Water	1270			1034		
10	When Limited by Condenser Water	1270			1034		
11	Average Number of Employees	171			171		
12	Net Generation, Exclusive of Plant Use - KWh	5470526000			4452461111		
13	Cost of Plant: Land and Land Rights	0			1752040		
14	Structures and Improvements	0			384799620		
15	Equipment Costs	0			1500562416		
16	Asset Retirement Costs	0			2570599		
17	Total Cost	0			1889684675		
18	Cost per KW of Installed Capacity (line 17/5) Including	0.0000			1664.3485		
19	Production Expenses: Oper, Supv, & Engr	2658929			2658929		
20	Fuel	118535785			95572605		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	2451685			2451685		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	1637455			1637455		
26	Misc Steam (or Nuclear) Power Expenses	6689047			2689509		
27	Rents	0			0		
28	Allowances	0			0		
29	Maintenance Supervision and Engineering	0			0		
30	Maintenance of Structures	2662604			2662604		
31	Maintenance of Boiler (or reactor) Plant	16363837			10517501		
32	Maintenance of Electric Plant	6670309			6670309		
33	Maintenance of Misc Steam (or Nuclear) Plant	2830017			2830017		
34	Total Production Expenses	160499668			127690614		
35	Expenses per Net KWh	0.0293			0.0287		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Oil	All	Coal	Oil	All
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Barrel		Tons	Barrel	
38	Quantity (Units) of Fuel Burned	3151965	29092	0	2565392	23678	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	9158	138599	0	9159	138713	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	38.558	78.795	0.000	38.191	78.006	0.000
41	Average Cost of Fuel per Unit Burned	36.765	81.873	0.000	36.408	81.803	0.000
42	Average Cost of Fuel Burned per Million BTU	2.007	14.065	0.000	1.988	14.035	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.000	0.000	0.022	0.000	0.000	0.021
44	Average BTU per KWh Net Generation	0.000	0.000	10584.699	0.000	0.000	10598.197

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)											
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>											
Plant Name: <i>Fermi 2</i> (d)			Plant Name: <i>Monroe</i> (e)			Plant Name: <i>Greenwood EC</i> (f)			Line No.		
Nuclear			Steam			Steam			1		
Conventional			Conventional			Conventional			2		
1988			1971			1979			3		
1988			1974			1979			4		
1217.00			3279.60			815.40			5		
1168			2994			785			6		
6776			8760			2324			7		
1161			3086			785			8		
1161			3086			785			9		
1141			3066			785			10		
875			391			45			11		
9886262000			15321878000			860905000			12		
0			3958006			3235620			13		
261835782			536758757			84112794			14		
955264726			3487352229			325835792			15		
228094022			113421879			996138			16		
1445194530			4141490871			414180344			17		
1187.5058			1262.8037			507.9474			18		
14878938			2620145			555786			19		
60218772			323608484			24886578			20		
2898317			0			0			21		
18796970			4832875			74124			22		
0			0			0			23		
0			0			0			24		
4350730			31846			50059			25		
63944494			11704550			3714429			26		
0			0			0			27		
0			0			0			28		
15287042			0			0			29		
18901929			2952469			253625			30		
40680247			36368897			1533660			31		
9336125			11306263			1279815			32		
12427657			27883912			1921386			33		
261721221			421309441			34269462			34		
0.0265			0.0275			0.0398			35		
Nuclear			Coal	Oil	All	Gas	Oil	All	36		
Mwdth			Tons	Barrel		Mcf	Barrel		37		
1258830	0	0	7993220	44129	0	8309213	545	0	38		
103113	0	0	9860	138068	0	1045	433491	0	39		
0.000	0.000	0.000	41.266	79.483	0.000	3.061	58.170	0.000	40		
47.837	0.000	0.000	40.043	80.161	0.000	2.988	240.874	0.000	41		
0.584	0.000	0.000	2.032	13.822	0.000	2.865	40.416	0.000	42		
0.006	0.000	0.000	0.000	0.000	0.021	0.000	0.000	0.029	43		
10429.959	0.000	0.000	0.000	0.000	10298.071	0.000	0.000	10046.544	44		

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a term basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: <i>River Rouge</i> (b)	Plant Name: <i>St. Clair PP</i> (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Steam	Steam
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Conventional	Conventional
3	Year Originally Constructed	1958	1953
4	Year Last Unit was Installed	1958	1969
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	358.10	1378.50
6	Net Peak Demand on Plant - MW (60 minutes)	276	890
7	Plant Hours Connected to Load	4356	8760
8	Net Continuous Plant Capability (Megawatts)	280	1100
9	When Not Limited by Condenser Water	280	1100
10	When Limited by Condenser Water	272	1065
11	Average Number of Employees	63	238
12	Net Generation, Exclusive of Plant Use - KWh	624363000	3910064000
13	Cost of Plant: Land and Land Rights	3167862	1717828
14	Structures and Improvements	30662311	81976831
15	Equipment Costs	217547561	820843413
16	Asset Retirement Costs	955091	5734463
17	Total Cost	252332825	910272535
18	Cost per KW of Installed Capacity (line 17/5) Including	704.6435	660.3355
19	Production Expenses: Oper, Supv, & Engr	1216415	1333940
20	Fuel	17534563	96042646
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	584	4456073
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	434	2997968
26	Misc Steam (or Nuclear) Power Expenses	4615620	4321662
27	Rents	0	0
28	Allowances	0	0
29	Maintenance Supervision and Engineering	0	168629
30	Maintenance of Structures	1263192	1929655
31	Maintenance of Boiler (or reactor) Plant	3077009	7188087
32	Maintenance of Electric Plant	709723	965880
33	Maintenance of Misc Steam (or Nuclear) Plant	2964742	3034940
34	Total Production Expenses	31382282	122439480
35	Expenses per Net KWh	0.0503	0.0313
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal Gas All	Coal Oil Gas
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons Mcf	Tons Barrel Mcf
38	Quantity (Units) of Fuel Burned	277477 10102254 0	2402246 25042 653762
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	14563 1655 0	9123 281052 1051
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	38.892 4.619 0.000	39.563 95.510 5.689
41	Average Cost of Fuel per Unit Burned	34.446 5.792 0.000	37.625 148.513 5.254
42	Average Cost of Fuel Burned per Million BTU	1.994 7.730 0.000	2.059 25.334 5.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.000 0.000 0.028	0.000 0.000 0.025
44	Average BTU per KWh Net Generation	0.000 0.000 12454.666	0.000 0.000 11438.000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)											
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>											
Plant Name: Trenton Channel PP (d)			Plant Name: Northeast Peaker (e)			Plant Name: Placid Peaker (f)			Line No.		
Steam			Gas Turbine			Internal Combustion			1		
Conventional			Full Outdoor			Full Outdoor			2		
1968			1966			1969			3		
1968			1971			1970			4		
535.50			130.10			12.90			5		
473			62			13			6		
4954			96			35			7		
495			150			14			8		
495			150			14			9		
495			116			14			10		
71			0			0			11		
1397048000			1090000			-92000			12		
348429			0			0			13		
50529444			307359			17797			14		
312920766			23636184			2130586			15		
64882475			0			0			16		
428681114			23943543			2148383			17		
800.5250			184.0395			166.5413			18		
649152			0			0			19		
33031637			266752			50278			20		
0			0			0			21		
41766			0			0			22		
0			0			0			23		
0			0			0			24		
28180			0			0			25		
9662178			0			0			26		
0			0			0			27		
0			0			0			28		
0			0			0			29		
1906326			0			0			30		
3113916			0			0			31		
437995			0			0			32		
2340352			0			0			33		
51211502			266752			50278			34		
0.0367			0.2447			-0.5465			35		
Coal	Oil	Gas	Gas	Oil		Oil					36
Tons	Barrel	Mcf	Mcf	Barrel		Barrel					37
901775	10298	246742	19725	1687	0	586	0	0			38
9066	138271	1408	1026	11512	0	138168	0	0			39
38.122	75.277	3.864	12.208	87.220	0.000	87.714	0.000	0.000			40
34.590	74.108	4.360	5.696	91.507	0.000	85.788	0.000	0.000			41
1.914	12.763	2.909	5.551	15.772	0.000	14.783	0.000	0.000			42
0.000	0.000	0.024	0.195	0.300	0.000	0.000	0.000	0.000			43
0.000	0.000	11544.016	35200.000	19007.767	0.000	0.000	0.000	0.000			44

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

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Line No.	Item (a)	Plant Name: <i>Putnam Peaker</i> (b)	Plant Name: <i>Dean Peaker</i> (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Internal Combustion	Gas Turbine
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor	Full Outdoor
3	Year Originally Constructed	1971	2002
4	Year Last Unit was Installed	1971	2002
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	12.90	357.70
6	Net Peak Demand on Plant - MW (60 minutes)	13	320
7	Plant Hours Connected to Load	57	1055
8	Net Continuous Plant Capability (Megawatts)	14	384
9	When Not Limited by Condenser Water	14	384
10	When Limited by Condenser Water	14	312
11	Average Number of Employees	0	0
12	Net Generation, Exclusive of Plant Use - KWh	62000	269245000
13	Cost of Plant: Land and Land Rights	0	1251530
14	Structures and Improvements	17797	185493
15	Equipment Costs	2110041	142290695
16	Asset Retirement Costs	0	0
17	Total Cost	2127838	143727718
18	Cost per KW of Installed Capacity (line 17/5) Including	164.9487	401.8108
19	Production Expenses: Oper, Supv, & Engr	0	0
20	Fuel	70596	10498919
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	0	0
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	0	0
26	Misc Steam (or Nuclear) Power Expenses	0	0
27	Rents	0	0
28	Allowances	0	0
29	Maintenance Supervision and Engineering	0	0
30	Maintenance of Structures	0	0
31	Maintenance of Boiler (or reactor) Plant	0	0
32	Maintenance of Electric Plant	0	0
33	Maintenance of Misc Steam (or Nuclear) Plant	0	0
34	Total Production Expenses	70596	10498919
35	Expenses per Net KWh	1.1386	0.0390
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Gas
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Mcf
38	Quantity (Units) of Fuel Burned	798	2979798
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	137355	1060
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	86.214	2.617
41	Average Cost of Fuel per Unit Burned	88.458	3.523
42	Average Cost of Fuel Burned per Million BTU	15.334	3.323
43	Average Cost of Fuel Burned per KWh Net Gen	1.139	0.039
44	Average BTU per KWh Net Generation	74258.065	11734.157

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)											
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>											
Plant Name: Renaissance Peaker (d)			Plant Name: Superior Peaker (e)			Plant Name: Greenwood Peaker (f)			Line No.		
Gas Turbine			Gas Turbine			Gas Turbine			1		
Full Outdoor			Full Outdoor			Full Outdoor			2		
2002			1966			1999			3		
2002			1966			1999			4		
782.00			64.00			237.30			5		
691			16			239			6		
1739			57			646			7		
776			76			278			8		
776			76			278			9		
652			52			224			10		
0			0			0			11		
697401000			96000			86683000			12		
105000			0			0			13		
8126025			281113			377080			14		
133705602			7675758			80310216			15		
0			0			34187			16		
141936627			7956871			80721483			17		
181.5046			124.3261			340.1664			18		
0			0			0			19		
24391150			142871			3230857			20		
0			0			0			21		
0			0			0			22		
0			0			0			23		
0			0			0			24		
0			0			0			25		
0			0			0			26		
0			0			0			27		
0			0			0			28		
0			0			0			29		
0			0			0			30		
0			0			0			31		
0			0			0			32		
0			0			0			33		
24391150			142871			3230857			34		
0.0350			1.4882			0.0373			35		
Gas			Oil			Gas			36		
Mcf			Barrel			Mcf			37		
7365124			1704			976887			38		
1061			137856			1043			39		
2.640			85.514			3.307			40		
3.312			83.828			3.307			41		
3.123			14.478			3.172			42		
0.035			1.488			0.037			43		
11200.053			102791.667			11752.166			44		

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a term basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: <i>Hancock Peaker</i> (b)	Plant Name: <i>Belle River Gas Pkr</i> (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Gas Turbine	Gas Turbine
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor	Full Outdoor
3	Year Originally Constructed	1967	1999
4	Year Last Unit was Installed	1970	1999
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	159.50	256.00
6	Net Peak Demand on Plant - MW (60 minutes)	109	279
7	Plant Hours Connected to Load	74	2783
8	Net Continuous Plant Capability (Megawatts)	124	278
9	When Not Limited by Condenser Water	124	278
10	When Limited by Condenser Water	93	224
11	Average Number of Employees	0	0
12	Net Generation, Exclusive of Plant Use - KWh	5327000	331310000
13	Cost of Plant: Land and Land Rights	0	0
14	Structures and Improvements	123544	568353
15	Equipment Costs	18793554	89569551
16	Asset Retirement Costs	0	0
17	Total Cost	18917098	90137904
18	Cost per KW of Installed Capacity (line 17/5) Including	118.6025	352.1012
19	Production Expenses: Oper, Supv, & Engr	0	0
20	Fuel	348387	11007320
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	0	0
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	0	0
26	Misc Steam (or Nuclear) Power Expenses	0	0
27	Rents	0	0
28	Allowances	0	0
29	Maintenance Supervision and Engineering	0	0
30	Maintenance of Structures	0	0
31	Maintenance of Boiler (or reactor) Plant	0	0
32	Maintenance of Electric Plant	0	0
33	Maintenance of Misc Steam (or Nuclear) Plant	0	0
34	Total Production Expenses	348387	11007320
35	Expenses per Net KWh	0.0654	0.0332
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Mcf	Mcf
38	Quantity (Units) of Fuel Burned	76839	4137704
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	1024	1047
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	6.317	2.707
41	Average Cost of Fuel per Unit Burned	4.534	2.660
42	Average Cost of Fuel Burned per Million BTU	4.428	2.539
43	Average Cost of Fuel Burned per KWh Net Gen	0.065	0.033
44	Average BTU per KWh Net Generation	14770.603	13085.714

Name of Respondent DTE Electric Company			This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission			Date of Report (Mo, Da, Yr) 04/15/2020			Year/Period of Report End of 2019/Q4		
STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)(Continued)											
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>											
Plant Name: <i>St. Clair Peaker</i> (d)			Plant Name: <i>Delray Peaker</i> (e)			Plant Name: <i>Enrico Fermi Peaker</i> (f)			Line No.		
Gas Turbine			Gas Turbine			Gas Turbine			1		
Full Outdoor			Full Outdoor			Full Outdoor			2		
1968			1999			1966			3		
1968			1999			1966			4		
18.60			154.30			64.00			5		
25			141			17			6		
95			205			73			7		
23			159			75			8		
23			159			75			9		
19			127			51			10		
0			0			0			11		
795000			10722000			-110000			12		
0			0			0			13		
37102			1083478			0			14		
4762136			56477021			12995019			15		
0			0			0			16		
4799238			57560499			12995019			17		
258.0235			373.0428			203.0472			18		
0			0			0			19		
204647			1084510			-112408			20		
0			0			0			21		
0			0			0			22		
0			0			0			23		
0			0			0			24		
0			0			0			25		
0			0			0			26		
0			0			0			27		
0			0			0			28		
0			0			0			29		
0			0			0			30		
0			0			0			31		
0			0			0			32		
0			0			0			33		
204647			1084510			-112408			34		
0.2574			0.1011			1.0219			35		
Gas	Oil		Gas			Oil			36		
Mcf	Barrel		Mcf			Barrel			37		
12757	321	0	141636	0	0	1550	0	0	38		
1008	138424	0	1061	0	0	137446	0	0	39		
14.015	80.426	0.000	4.853	0.000	0.000	90.791	0.000	0.000	40		
14.015	80.426	0.000	7.657	0.000	0.000	-72.519	0.000	0.000	41		
13.904	13.834	0.000	7.219	0.000	0.000	-12.562	0.000	0.000	42		
0.234	0.834	0.000	0.101	0.000	0.000	0.000	0.000	0.000	43		
16831.152	60290.323	0.000	14011.192	0.000	0.000	0.000	0.000	0.000	44		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a therm basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: <i>Belle River Oil Pkr</i> (b)	Plant Name: <i>Colfax Peaker</i> (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Internal Combustion	Internal Combustion
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor	Full Outdoor
3	Year Originally Constructed	1981	1969
4	Year Last Unit was Installed	1981	1969
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	12.90	12.90
6	Net Peak Demand on Plant - MW (60 minutes)	13	15
7	Plant Hours Connected to Load	49	103
8	Net Continuous Plant Capability (Megawatts)	14	14
9	When Not Limited by Condenser Water	14	14
10	When Limited by Condenser Water	14	14
11	Average Number of Employees	0	0
12	Net Generation, Exclusive of Plant Use - KWh	-236000	680000
13	Cost of Plant: Land and Land Rights	0	0
14	Structures and Improvements	529100	18115
15	Equipment Costs	2842597	2019964
16	Asset Retirement Costs	0	0
17	Total Cost	3371697	2038079
18	Cost per KW of Installed Capacity (line 17/5) Including	261.3719	157.9906
19	Production Expenses: Oper, Supv, & Engr	0	0
20	Fuel	27754	158836
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	0	0
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	0	0
26	Misc Steam (or Nuclear) Power Expenses	0	0
27	Rents	0	0
28	Allowances	0	0
29	Maintenance Supervision and Engineering	0	0
30	Maintenance of Structures	0	0
31	Maintenance of Boiler (or reactor) Plant	0	0
32	Maintenance of Electric Plant	0	0
33	Maintenance of Misc Steam (or Nuclear) Plant	0	0
34	Total Production Expenses	27754	158836
35	Expenses per Net KWh	-0.1176	0.2336
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel
38	Quantity (Units) of Fuel Burned	322 0 0	1881 0 0
39	Avg Heat Cont - Fuel Burned (btu/Indicate if nuclear)	137494 0 0	137081 0 0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	89.078 0.000 0.000	80.742 0.000 0.000
41	Average Cost of Fuel per Unit Burned	86.308 0.000 0.000	84.455 0.000 0.000
42	Average Cost of Fuel Burned per Million BTU	14.946 0.000 0.000	14.669 0.000 0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.000 0.000 0.000	0.234 0.000 0.000
44	Average BTU per KWh Net Generation	0.000 0.000 0.000	15923.529 0.000 0.000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)											
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>											
Plant Name: <i>River Rouge Peaker</i> (d)			Plant Name: <i>Monroe Peaker</i> (e)			Plant Name: <i>Oliver Peaker</i> (f)			Line No.		
Internal Combustion			Internal Combustion			Internal Combustion			1		
Full Outdoor			Full Outdoor			Full Outdoor			2		
1967			1969			1969			3		
1967			1969			1970			4		
12.90			12.90			12.90			5		
6			13			10			6		
8			43			15			7		
11			14			14			8		
11			14			14			9		
11			14			14			10		
0			0			0			11		
-156000			-91000			-410000			12		
0			0			0			13		
28315			140359			17797			14		
1638139			1452935			2139125			15		
0			0			0			16		
1666454			1593294			2156922			17		
129.1825			123.5112			167.2033			18		
0			0			0			19		
5112			53261			8758			20		
0			0			0			21		
0			0			0			22		
0			0			0			23		
0			0			0			24		
0			0			0			25		
0			0			0			26		
0			0			0			27		
0			0			0			28		
0			0			0			29		
0			0			0			30		
0			0			0			31		
0			0			0			32		
0			0			0			33		
5112			53261			8758			34		
-0.0328			-0.5853			-0.0214			35		
Oil			Oil			Oil					36
Barrel			Barrel			Barrel					37
55	0	0	680	0	0	109	0	0			38
137826	0	0	137824	0	0	138270	0	0			39
93.352	0.000	0.000	78.270	0.000	0.000	0.000	0.000	0.000			40
93.352	0.000	0.000	78.270	0.000	0.000	80.347	0.000	0.000			41
16.127	0.000	0.000	13.521	0.000	0.000	13.835	0.000	0.000			42
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			43
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			44

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a therm basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: <i>Slocum Peaker</i> (b)	Plant Name: <i>Wilmot Peaker</i> (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Internal Combustion	Internal Combustion
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor	Full Outdoor
3	Year Originally Constructed	1968	1968
4	Year Last Unit was Installed	1968	1968
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	12.90	12.90
6	Net Peak Demand on Plant - MW (60 minutes)	5	11
7	Plant Hours Connected to Load	3	56
8	Net Continuous Plant Capability (Megawatts)	14	14
9	When Not Limited by Condenser Water	14	14
10	When Limited by Condenser Water	14	14
11	Average Number of Employees	0	0
12	Net Generation, Exclusive of Plant Use - KWh	-245000	-97000
13	Cost of Plant: Land and Land Rights	0	0
14	Structures and Improvements	17797	68534
15	Equipment Costs	1681521	1919162
16	Asset Retirement Costs	0	0
17	Total Cost	1699318	1987696
18	Cost per KW of Installed Capacity (line 17/5) Including	131.7301	154.0850
19	Production Expenses: Oper, Supv, & Engr	0	0
20	Fuel	2231	51450
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	0	0
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	0	0
26	Misc Steam (or Nuclear) Power Expenses	0	0
27	Rents	0	0
28	Allowances	0	0
29	Maintenance Supervision and Engineering	0	0
30	Maintenance of Structures	0	0
31	Maintenance of Boiler (or reactor) Plant	0	0
32	Maintenance of Electric Plant	0	0
33	Maintenance of Misc Steam (or Nuclear) Plant	0	0
34	Total Production Expenses	2231	51450
35	Expenses per Net KWh	-0.0091	-0.5304
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel
38	Quantity (Units) of Fuel Burned	27	534
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	138517	136725
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	0.000	83.862
41	Average Cost of Fuel per Unit Burned	83.737	96.425
42	Average Cost of Fuel Burned per Million BTU	14.393	16.792
43	Average Cost of Fuel Burned per KWh Net Gen	0.000	0.000
44	Average BTU per KWh Net Generation	0.000	0.000

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: (d)	Plant Name: (e)	Plant Name: (f)	Line No.
			1
			2
			3
			4
0.00	0.00	0.00	5
0	0	0	6
0	0	0	7
0	0	0	8
0	0	0	9
0	0	0	10
0	0	0	11
0	0	0	12
0	0	0	13
0	0	0	14
0	0	0	15
0	0	0	16
0	0	0	17
0	0	0	18
0	0	0	19
0	0	0	20
0	0	0	21
0	0	0	22
0	0	0	23
0	0	0	24
0	0	0	25
0	0	0	26
0	0	0	27
0	0	0	28
0	0	0	29
0	0	0	30
0	0	0	31
0	0	0	32
0	0	0	33
0	0	0	34
0.0000	0.0000	0.0000	35
			36
			37
0	0	0	38
0	0	0	39
0.000	0.000	0.000	40
0.000	0.000	0.000	41
0.000	0.000	0.000	42
0.000	0.000	0.000	43
0.000	0.000	0.000	44

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 402 Line No.: -1 Column: c

The Michigan Public Power Agency (MPAA) has an ownership interest in Belle River Unit No. 1 and other related facilities. The MPAA is entitled to 19% of the total capacity and energy of the plant and is responsible for the same percentage of the plant's operation, maintenance, and capital improvement process.

Schedule Page: 403 Line No.: 10 Column: d

The cost of Nuclear Fuel is computed using a units of production methodology based on megawatt = days thermal for all costs.

Schedule Page: 402 Line No.: 20 Column: b

Schedule for Pages 402-403 Line No. 20

Total Fuel Handling Reported Costs (501) are \$30.27 million

Fuel Handling Expense Breakdown is as follows:

Belle River Power Plant: \$4.68 million

St. Clair Power Plant: \$7.59 million

Monroe Power Plant: \$2.61 million

River Rouge Power Plant: \$0.10 million

Trenton Channel Power Plant: \$0.73 million

MERC: \$11.20 million

Other - FS & Logistics: \$3.36 million

Total Chemical Costs (501) are \$24.63 million

Belle River Power Plant: \$1.70 million

St. Clair Power Plant: \$4.26 million

Monroe Power Plant: \$15.88 million

River Rouge Power Plant: \$0.66 million

Trenton Channel Power Plant: \$2.13 million

Schedule Page: 403.1 Line No.: -1 Column: e

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.1 Line No.: -1 Column: f

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.2 Line No.: -1 Column: b

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.2 Line No.: -1 Column: c

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.2 Line No.: -1 Column: d

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.2 Line No.: -1 Column: e

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.2 Line No.: -1 Column: f

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.3 Line No.: -1 Column: b

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.3 Line No.: -1 Column: c

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.3 Line No.: -1 Column: d

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.3 Line No.: -1 Column: e

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.3 Line No.: -1 Column: f

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.4 Line No.: -1 Column: b

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.4 Line No.: -1 Column: c

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.4 Line No.: -1 Column: d

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.4 Line No.: -1 Column: e

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 403.4 Line No.: -1 Column: f

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.5 Line No.: -1 Column: b

All plants designed for peak load purposes and are automatically operated.

Schedule Page: 402.5 Line No.: -1 Column: c

All plants designed for peak load purposes and are automatically operated.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
PUMPED STORAGE GENERATING PLANT STATISTICS (Large Plants)					
<p>1. Large plants and pumped storage plants of 10,000 Kw or more of installed capacity (name plate ratings)</p> <p>2. If any plant is leased, operating under a license from the Federal Energy Regulatory Commission, or operated as a joint facility, indicate such facts in a footnote. Give project number.</p> <p>3. If net peak demand for 60 minutes is not available, give the which is available, specifying period.</p> <p>4. If a group of employees attends more than one generating plant, report on line 8 the approximate average number of employees assignable to each plant.</p> <p>5. The items under Cost of Plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production Expenses do not include Purchased Power System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."</p>					
Line No.	Item (a)	FERC Licensed Project No. 2680 Plant Name: Ludington (Total) (b)			
1	Type of Plant Construction (Conventional or Outdoor)	Conventional			
2	Year Originally Constructed	1973			
3	Year Last Unit was Installed	1973			
4	Total installed cap (Gen name plate Rating in MW)	2,264			
5	Net Peak Demand on Plant-Megawatts (60 minutes)	1,780			
6	Plant Hours Connect to Load While Generating	3,217			
7	Net Plant Capability (in megawatts)	1,996			
8	Average Number of Employees	39			
9	Generation, Exclusive of Plant Use - Kwh	1,898,467,000			
10	Energy Used for Pumping	2,594,955,000			
11	Net Output for Load (line 9 - line 10) - Kwh	-696,488,000			
12	Cost of Plant				
13	Land and Land Rights	3,316,795			
14	Structures and Improvements	62,533,733			
15	Reservoirs, Dams, and Waterways	216,089,799			
16	Water Wheels, Turbines, and Generators	525,495,135			
17	Accessory Electric Equipment	131,521,814			
18	Miscellaneous Powerplant Equipment	18,052,560			
19	Roads, Railroads, and Bridges	3,366,933			
20	Asset Retirement Costs				
21	Total cost (total 13 thru 20)	960,376,769			
22	Cost per KW of installed cap (line 21 / 4)	424,1947			
23	Production Expenses				
24	Operation Supervision and Engineering				
25	Water for Power				
26	Pumped Storage Expenses				
27	Electric Expenses				
28	Misc Pumped Storage Power generation Expenses				
29	Rents				
30	Maintenance Supervision and Engineering				
31	Maintenance of Structures				
32	Maintenance of Reservoirs, Dams, and Waterways				
33	Maintenance of Electric Plant				
34	Maintenance of Misc Pumped Storage Plant				
35	Production Exp Before Pumping Exp (24 thru 34)				
36	Pumping Expenses				
37	Total Production Exp (total 35 and 36)				
38	Expenses per KWh (line 37 / 9)				

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
PUMPED STORAGE GENERATING PLANT STATISTICS (Large Plants) (Continued)			
<p>6. Pumping energy (Line 10) is that energy measured as input to the plant for pumping purposes.</p> <p>7. Include on Line 36 the cost of energy used in pumping into the storage reservoir. When this item cannot be accurately computed leave Lines 36, 37 and 38 blank and describe at the bottom of the schedule the company's principal sources of pumping power, the estimated amounts of energy from each station or other source that individually provides more than 10 percent of the total energy used for pumping, and production expenses per net MWH as reported herein for each source described. Group together stations and other resources which individually provide less than 10 percent of total pumping energy. If contracts are made with others to purchase power for pumping, give the supplier contract number, and date of contract.</p>			
FERC Licensed Project No. Plant Name: (c)	2680 Ludington (DTE%) (d)	0 Plant Name: (e)	Line No.
	Conventional		1
	1973		2
	1973		3
	1,109		4
	872		5
	1,576		6
	978		7
	39		8
	1,098,199,819		9
	1,472,792,969		10
	-374,593,150		11
			12
	3,190,436		13
	32,915,697		14
	118,979,947		15
	292,900,184		16
	62,063,715		17
	9,779,310		18
	1,862,785		19
			20
	521,692,074		21
	470.4167		22
			23
			24
			25
			26
			27
			28
			29
			30
			31
			32
			33
			34
			35
	30,298,066		36
	30,298,066		37
	0.0276		38

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 408 Line No.: -1 Column: b

FERC-61 - Pages 408-409 Pumped Storage Generating Plant Statistics Footnote

DTE Electric Company and the Consumer Energy Company, a nonassociated company, are co-owners, as tenants in common, of the Ludington Pumped Storage Plant. DTE Electric Company holds a 49% undivided interest and Consumer Energy Company holds a 51% undivided interest. A license for Project No 2680 has been issued by the Federal Power Commission to the two companies as joint licensees. The project includes the pumped storage plant, substation and certain transmission facilities. Consumer Energy Company is the operator of the plant and is responsible for operation and maintenance, except that operating agreement specifies that mutual agreement be sought on major operation and maintenance matters pertaining to the plant. Consumer Energy Company and DTE Electric Company are entitled to 51% and 49%, respectively, of the generating capability and energy output of the plant with pumping energy being supplied in the same percentages. Operation, maintenance and other expenses of the project are shared by Consumer Energy Company and DTE Electric Company, 51% and 49%, respectively. Expense accounts affected are hydraulic power generation operation and maintenance accounts, transmission operation and maintenance accounts, certain administrative and general operation accounts and general tax accounts.

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4	
GENERATING PLANT STATISTICS (Small Plants)						
1. Small generating plants are steam plants of, less than 25,000 Kw; internal combustion and gas turbine-plants, conventional hydro plants and pumped storage plants of less than 10,000 Kw installed capacity (name plate rating). 2. Designate any plant leased from others, operated under a license from the Federal Energy Regulatory Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote. If licensed project, give project number in footnote.						
Line No.	Name of Plant (a)	Year Orig. Const. (b)	Installed Capacity Name Plate Rating (In MW) (c)	Net Peak Demand MW (60 min.) (d)	Net Generation Excluding Plant Use (e)	Cost of Plant (f)
1	SOLAR ARRAY					
2	SCIO Solar Array (Scio Twp)	2010	0.06		46	1,056,389
3	Blue Cross Blue Shield Solar (Detroit)	2011	0.20		225	1,280,365
4	Monroe County Community Solar (Monroe)	2011	0.50		577	1,416,415
5	Ford Solar Array (Wayne)	2011	0.50		474	2,415,913
6	Training and Development Center Solar (Westland)	2011	0.35		279	1,883,542
7	General Motors Solar Array (Hamtramck)	2011	0.50		525	2,854,803
8	DTE Headquarters (DECo Project #3)	2012	0.08		73	943,978
9	Mercy High School (Farmington Hills)	2012	0.38		376	2,253,796
10	Warren Consolidated Schools (Sterling Heights)	2012	0.19		173	1,358,581
11	General Motors Orion Assembly (Orion Twp)	2012	0.30		390	1,639,547
12	Huron Clinton Indian Springs Metro (White Lake)	2012	0.50		444	1,926,723
13	Wil-Le Farms (Bad Axe)	2012	0.48		424	2,023,310
14	Immaculate House of Mary (Monroe)	2012	0.50		604	2,138,538
15	Univeristy of Michigan - North Campus Center	2012	0.43		291	2,364,767
16	University of Michigan - Institute of Science	2013	0.24		258	1,946,758
17	Riopelle Farms (Harbor Beach)	2013	0.50		505	2,415,665
18	St. Clair RESA (Marysville)	2013	0.50		624	2,736,445
19	Leipprandt Orchards (Pigeon)	2013	0.50		631	2,520,176
20	Hartland Schools (Hartland)	2013	0.44		521	2,206,626
21	McPhail (Wixom)	2014	0.75		891	3,807,828
22	Dominos Farm	2015	1.00		1,320	5,869,747
23	Thumb Electric Cooperative	2015	0.60		785	3,950,470
24	Ford World Headquarters	2015	0.75		785	5,605,365
25	Ashley (Romulus)	2015	0.68		1,262	2,826,877
26	Brownstown (Taylor)	2016	0.50		609	2,001,531
27	Greenwood Energy Center	2016	1.39		3,299	5,465,723
28	Ypsilanti	2016	0.67		1,240	3,159,802
29	General Motors - Warren	2016	0.74		960	2,602,203
30	Demille (Lapeer)	2017	28.56		40,099	60,434,434
31	Turrill (Lapeer)	2017	19.72		26,777	40,915,768
32	O'Shea (Detroit)	2017	2.04		2,863	5,804,948
33						
34						
35	WIND					
36	Gratiot Wind Park (Breckinridge)	2011	102.40		252,847	255,071,006
37	Thumb Wind Park (Minden)	2012	32.00		111,462	79,612,851
38	Thumb Wind Park (Sigel)	2012	64.00		251,622	151,515,584
39	Thumb Wind Park (McKinley)	2012	14.40		51,458	37,532,085
40	Echo Wind Park	2014	163.00		564,138	374,496,662
41	Brookfield Wind Park	2014	74.80		255,165	167,090,437
42	Pine River Wind Park	2019	161.00		341,085	269,024,220
43						
44						
45						
46						

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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GENERATING PLANT STATISTICS (Small Plants) (Continued)

3. List plants appropriately under subheadings for steam, hydro, nuclear, internal combustion and gas turbine plants. For nuclear, see instruction 11, Page 403. 4. If net peak demand for 60 minutes is not available, give the which is available, specifying period. 5. If any plant is equipped with combinations of steam, hydro internal combustion or gas turbine equipment, report each as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, or for preheated combustion air in a boiler, report as one plant.

Plant Cost (Incl Asset Retire. Costs) Per MW (g)	Operation Exc'l. Fuel (h)	Production Expenses		Kind of Fuel (k)	Fuel Costs (in cents (per Million Btu) (l)	Line No.
		Fuel (i)	Maintenance (j)			
						1
17,606,481			2,865	Solar		2
6,401,823			6,550	Solar		3
2,832,829			14,876	Solar		4
4,831,826			14,876	Solar		5
5,381,549			10,838	Solar		6
5,709,607			14,876	Solar		7
11,799,720			3,320	Solar		8
5,931,042			11,521	Solar		9
7,150,428			6,323	Solar		10
5,465,157			9,325	Solar		11
3,853,446			14,876	Solar		12
4,215,230			14,421	Solar		13
4,277,076			14,876	Solar		14
5,499,459			25,283	Solar		15
8,111,492			8,035	Solar		16
4,831,330			14,876	Solar		17
5,472,889			14,876	Solar		18
5,040,351			14,876	Solar		19
5,015,059			13,511	Solar		20
5,077,104			21,814	Solar		21
5,869,747			28,751	Solar		22
6,584,117			17,651	Solar		23
7,473,820			21,964	Solar		24
4,157,172			19,891	Solar		25
4,003,061			14,876	Solar		26
3,932,175			39,584	Solar		27
4,716,122			19,603	Solar		28
3,516,490			21,556	Solar		29
2,116,052			669,802	Solar		30
2,074,836			464,314	Solar		31
2,845,563			57,413	Solar		32
						33
						34
						35
2,490,928			5,141,284	Wind		36
2,487,902			1,125,006	Wind		37
2,367,431			2,062,999	Wind		38
2,606,395			480,275	Wind		39
2,297,526			6,142,700	Wind		40
2,233,829			2,382,330	Wind		41
1,670,958			4,703,894	Wind		42
						43
						44
						45
						46

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 410 Line No.: 40 Column: a

Echo Wind Park includes costs for Pinnebog Wind Park which was placed in service in 2016.

Installed Capacity (in MW):

Echo Wind Park = 112.00

Pinnebog Wind Park = 51.00

Total = 163.00

Name of Respondent DTE Electric Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr)		Year of Report 2018/Q4	
CHANGES MADE OR SCHEDULED TO BE MADE IN GENERATING PLANT CAPACITIES							
Give below the information called for concerning changes in electric generating plant capacities during the year.							
A. Generating Plants or Units Dismantled, Remove from Service, Sold, or Leased to Others During Year							
1. State in column (b) whether dismantled, removed from service, sold, or leased to another. Plants removed from service include those not maintained for regular or emergency service.				2. In column (f), give date dismantled, removed from service, sold, or leased to another. Designate complete plants as such.			
Line No.	Name of Plant (a)	Disposition (b)	Installed Capacity (in megawatts)			Date (f)	If Sold or Leased, Give Name and Address of Purchaser or Lessee (g)
			Hydro (c)	Steam (d)	(Other) (e)		
1 2 3 4 5 6 7	St Clair 1	Removed from service		158		Mar-19	
B. Generating Units Scheduled for or Undergoing Major Modifications							
Line No.	Name of Plant (a)	Character of Modification (b)	Installed Plant Capacity After Modification (in MW) (c)	Estimated Dates of Construction			
				Start (d)	Completion (e)		
8 9 10 11 12 13 14	Ludington Pumped Storage River Rouge	Plant Upgrade* Unit 1 Unit 3 Unit 3	 381.63 381.63 45	 2018 2019 2019	 2019 2020 2020		
*Note: Ludington is jointly owned by DTE Electric Company (49%) and Consumers Energy Company (51%). Each company will receive their pro-rata portion of the incremental capacity from the upgrade.							
C. New Generating Plants Scheduled for or Under Construction							
Line No.	Plant Name & Location (a)	TYPE (Hydro, pumped storage, steam, internal comb., gas-turbine, nuclear, wind, solar, biomass, etc.) (b)	Installed Capacity (in megawatts)		Estimated Dates of Construction		
			Initial (c)	Ultimate (d)	Start (e)	Completion (f)	
15 16 17 18 19 20 21	Polaris (Lafayette, Hamilton, & North Star Townships) Fairbanks (Fairbanks & Garden Townships) Isabella I (Nottawa, Isabella, Gilmore, & Vernen Townships) Isabella II (Denver & Wise Townships) Blue Water Energy Center (East China Township)	Wind Wind Wind Wind Combined Cycle	168.6 72.45 197.4 186.1 1169	168.6 72.45 197.4 186.1 1169	April 2019 June 2019 November 2019 November 2019 August 2018	March 2020 October 2020 December 2020 December 2020 April 2022	
D. New Units in Existing Plants Scheduled for or Under Construction							
Line No.	Plant Name & Location (a)	TYPE (Hydro, pumped storage, steam, internal comb., gas-turbine, nuclear, wind, solar, biomass, etc.) (b)	Unit (c)	Size of Unit (in megawatts) (d)	Estimated Dates of Construction		
					Start (e)	Completion (f)	
22 23 24 25 26 27 28							

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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STEAM ELECTRIC GENERATING PLANTS

1. Include on this page steam-electric plants of 25,000 Kw (name plate rating) or more of installed capacity.
2. Report the information called for concerning generating plants and equipment at year end. Show unit type Installation, boiler, and turbine-generator on same line.
3. Exclude plant, the book cost of which is located in Account 121, *Nonutility Property*.
4. Designate any generating plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant or portion thereof for which the respondent is not the sole

- owner but which the respondent operates or share in the of, furnish a succinct statement explaining the arrangement and giving details as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
5. Designate any generating plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent, and how determined. Specify whether lessee is an associated company.
 6. Designate any plant or equipment owned, not

Line No.	Name of Plant (a)	Location of Plant (b)	BOILERS (Include both ratings for the boiler and the turbine-generator or dual-rated installations)				
			Number and Year Installed (c)	Kind of Fuel And Method of Firing (3) (d)	Rated Pressure (In psig) (e)	Rated Steam Temp. (Indicate reheat boilers as 1050/1000) (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1	Trenton Channel	Trenton, MI	1/1968	O, P	2520/521	1000/1000	3,580
2							
3							
4							
5							
6							
7							
8	St. Clair (4)	East China Twp., MI	2/1953-1954	NG,O,P	1800/330	1000/1000	1,070
9							
10							
11							
12							
13							
14			1/1961	NG,P	2450/516	1050/1000	2,100
15							
16			1/1969	O, P	2520/517	1000/1000	3,554
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

STEAM ELECTRIC GENERATING PLANTS (Continued)

operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment

and its book cost are contemplated.

7. Report gas-turbines operated in a combined cycle with a conventional steam unit with its associated steam unit.

Turbine-Generators												Line No.
(Report cross-compound turbine generator units on two lines-H.P. section and I.P. section. Designate units with shaft connected boiler feed pumps. Give capacity rating of pumps in terms of full load requirements.)												
Year Installed	TURBINES				GENERATORS							
	Include both ratings for boiler and turbine-generator of dual-rated installations				NAME PLATE Rating in Kw		Hydrogen Pressure (Designate air cooled generators)	Power Factor	Voltage (in MV) (If other than 3 phase, 60 cycle indicate other characteristic)	Plant Capacity Maximum Generator Name Plate Rating (Should agree with column (n))		
	Max. Rating Mega- Watt	Type (Indicate tandem- compound (TC); cross compound (CC) single casing (SC); topping unit (T); and non- condensing (NC) Show back pressures)	Steam Pressure at Throttle psig.	RPM	At Minimum Hydrogen Pressure	At Max. Hydrogen Pressure (Include both ratings for the boiler and the turbine- generator of dual-rated installations)					Min.	Max.
(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	
1968	520	TC	2,400	3,600	(2)	535,500	(2)	45.0	.90	22.0	535,500	1
											=====	2
												3
												4
												5
												6
												7
1953	162	CC	1,800	3,600HP	35,000	37,800	0.5	15.0	.80	15.5	37,800	8
				1,800LP	101,000	118,450	0.5	15.0	.80	15.5	118,450	9
1954	168	CC	1,800	3,600HP	35,000	37,800	0.5	15.0	.80	15.5	37,800	10
				1,800LP	101,000	118,450	0.5	15.0	.80	15.5	118,450	11
1961	320	CC	2,400	3,600HP	(2)	194,013	(2)	45.0	.85	18.0	194,013	12
				1,800LP	(2)	158,737	(2)	45.0	.85	18.0	158,737	13
1969	450	TC	2,401	3,600	(2)	544,500	(2)	60.0	.90	18.0	544,500	14
											-----	15
											1,209,750	16
											=====	17
												18
												19
												20
												21
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												30

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

STEAM ELECTRIC GENERATING PLANTS (Continued)

1. Include on this page steam-electric plants of 25,000 Kw (name plate rating) or more of installed capacity.
2. Report the information called for concerning generating plants and equipment at year end. Show unit type Installation, boiler, and turbine-generator on same line.
3. Exclude plant, the book cost of which is located in Account 121, *Nonutility Property*.
4. Designate any generating plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant or portion thereof for which the respondent is not the sole

- owner but which the respondent operates or share in the of, furnish a succinct statement explaining the arrangement and giving details as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
5. Designate any generating plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent, and how determined. Specify whether lessee is an associated company.
 6. Designate any plant or equipment owned, not

Line No.	Name of Plant	Location of Plant	BOILERS (Include both ratings for the boiler and the turbine-generator or dual-rated installations)				
			Number and Year Installed	Kind of Fuel And Method of Firing (3)	Rated Pressure (In psig)	Rated Steam Temp. (Indicate reheat boilers as 1050/1000)	Rated Max. Continuous M lbs. Steam per Hour
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Monroe	Monroe, MI	1/1971	O,P, PC	3800/740	1006/1002	5,718
2			1/1973	O,P, PC	3800/737	1006/1002	5,718
3			1/1973	O,P,PC	3800/737	1006/1002	5,718
4			1/1974	O,P,PC	3800/740	1006/1002	5,718
5							
6							
7							
8	River Rouge	River Rouge, MI	1/1958	BFG, COG, NG, P	2400/498	1050/1000	2,000
9							
10							
11							
12							
13							
14							
15							
16							
17							
18	Greenwood	Greenwood Twp., MI	1/1979	NG,O	2,520	1005/1005	5,500
19							
20							
21	Belle River (1)	East China Twp., MI	1/1984	O,P	2,520	1005/1005	4,550
22			1/1985	O,P	2,520	1005/1005	4,550
23							
24							
25							
26							
27	Fermi 2	Frenchtown Twp., MI	1/1988	N	1,000	545/531	15,163
28							
29							
30							
31							
32							
33							

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

STEAM ELECTRIC GENERATING PLANTS (Continued)

operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment

and its book cost are contemplated.

7. Report gas-turbines operated in a combined cycle with a conventional steam unit with its associated steam unit.

Turbine-Generators											Plant Capacity Maximum Generator Name Plate Rating (Should agree with column (n))	Line No.
(Report cross-compound turbine generator units on two lines-H.P. section and I.P. section. Designate units with shaft connected boiler feed pumps. Give capacity rating of pumps in terms of full load requirements.)												
Year Installed	TURBINES				GENERATORS							
	Include both ratings for boiler and turbine- generator of dual-rated installations				NAME PLATE Rating in Kw		Hydrogen Pressure (Designate air cooled generators)		Power Factor	Voltage (in MV) (If other than 3 phase, 60 cycle indicate other characteristic)		
	Max. Rating Mega- Watt	Type (Indicate tandem- compound (TC); cross compound (CC) single casing (SC); topping unit (T); and non- condensing (NC) Show back pressures)	Steam Pressure at Throttle psig.	RPM	At Minimum Hydrogen Pressure	At Max. Hydrogen Pressure (Include both ratings for the boiler and the turbine- generator of dual-rated installations)					Min.	Max.
(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)			(q)	(r)
1971	758	TC	3,800	3,600	547,524	817,200	30.0	75.0	.90	26.0	817,200	1
1973	783	TC	3,800	3,600	(2)	822,600	(2)	75.0	.90	26.0	822,600	2
1973	783	TC	3,800	3,600	(2)	822,600	(2)	75.0	.90	26.0	822,600	3
1974	762	TC	3,800	3,600	547,524	817,200	30.0	75.0	.90	26.0	817,200	4
1958	280	CC	2,400	3,600HP 1,800LP	175,500 146,000	199,431 158,692	30.0 15.0	45.0 30.0	.85 .85	18.0 18.0	-----	5
											3,279,600	6
											=====	7
											199,431	8
											158,692	9
												10
												11
												12
												13
												14
		358,123	15									
		=====	16									
			17									
1979	785	TC	2,520	3,600	(2)	815,400	(2)	75.0	.90	26.0	815,400	18
										=====	19	
											20	
1984	635	TC	2,520	3,600	(2)	697,500	(2)	75.0	.90	26.0	697,500	21
1985	635	TC	2,520	3,600	(2)	697,500	(2)	75.0	.90	26.0	697,500	22
											-----	23
											1,395,000	24
											=====	25
												26
1988	1161	TC	1,000	1,800	(2)	1,217,000	60.0	75.0	.90	22.0	1,217,000	27
											=====	28
												29
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Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

STEAM ELECTRIC GENERATING PLANTS (Continued)

1. Include on this page steam-electric plants of 25,000 Kw (name plate rating) or more of installed capacity.
2. Report the information called for concerning generating plants and equipment at year end. Show unit type Installation, boiler, and turbine-generator on same line.
3. Exclude plant, the book cost of which is located in Account 121, *Nonutility Property*.
4. Designate any generating plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant or portion thereof for which the respondent is not the sole

- owner but which the respondent operates or share in the of, furnish a succinct statement explaining the arrangement and giving details as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
5. Designate any generating plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent, and how determined. Specify whether lessee is an associated company.
 6. Designate any plant or equipment owned, not

Line No.	Name of Plant	Location of Plant	BOILERS (Include both ratings for the boiler and the turbine-generator or dual-rated installations)				
			Number and Year Installed	Kind of Fuel And Method of Firing (3)	Rated Pressure (In psig)	Rated Steam Temp. (Indicate reheat boilers as 1050/1000)	Rated Max. Continuous M lbs. Steam per Hour (g)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)

1 The following notes refer to pages 413A through 413B.1.

2

3 (1) The Belle River Power Plant is jointly owned with the Michigan Public Power Agency, a non-associated entity. DTE Electric's ownership
4 interest is 81.39% of the plant's capacity and energy output, and the same percentage of the plant's operation, maintenance expenses, and
5 capital improvement costs. Expense accounts affected are steam power generation operation and maintenance accounts, administrative and
6 general operation accounts, and taxes other than income taxes. Refer to Note 7 of the Notes to Consolidated Financial Statements in the
7 2018 Form 10-K.

7 (2) Name plates do not include minimum hydrogen pressure on corresponding ratings.

8 (3) Kind of Fuel

9 P Pulverized Coal

10 O Oil

11 NG Natural Gas

12 PC Petroleum Coke

13 COG Coke Oven Gas

14 BFG Blast Furnace Gas

15 N Nuclear

16 (4) Removed St. Clair Unit 1 due to retirement

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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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PUMPED STORAGE GENERATING PLANTS

1. Include in this schedule pumped storage plants of 10,000 Kw (name-plate rating) or more of installed capacity.
2. Report the information called for concerning generating plants and equipment at year end. Show associated prime movers and generators on the same line.

3. Exclude from this schedule the book cost of plant included in Account 121, Nonutility Property.
4. Designate any plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any

Line No.	Name of Plant	Location	Name of Stream	Water Wheels of Hydraulic Turbines/Pumps (In column (e), indicate whether horizontal or vertical or inclined. Also indicate type of runner-Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I), or Tubular (T). Designate reversible type units by appropriate footnote)				
				Attended or Unattended	Type of Unit	Year Installed	Gross Static Head with Pond Full	Design Head
	(a)	(b)	(c)	(d)	(e)	(f)	(g) (3)	(h)
1	Ludington (1)	Ludington	Lake Michigan	Attended	Vert F (2)	1973	360.0'	353'
2					Vert F	1973	360.0'	353'
3					Vert F	1973	360.0'	353'
4					Vert F	1973	360.0'	353'
5					Vert F	1973	360.0'	353'
6					Vert F	1973	360.0'	353'
7					Vert F	1973	360.0'	353'
8	<p>(1) DTE Electric Company and the Consumers Energy Company, a nonassociated company, are co-owners, as tenants in common, of the Ludington Pumped Storage Plant. DTE Electric Company holds a 49% undivided interest and Consumers Energy Company holds a 51% undivided interest. A license for Project No 2680 has been issued by the Federal Power Commission to the two companies as joint licensees. The project includes the pumped storage plant, substation and certain transmission facilities. Consumers Energy Company is the operator of the plant and is responsible for operation and maintenance, except that operating agreement specifies that mutual agreement be sought on major operation and maintenance matters pertaining to the plant. Consumers Energy Company and DTE Electric Company are entitled to 51% and 49%, respectively, of the generating capability and energy output of the plant with pumping energy being supplied in the same percentages. Operation, maintenance and other expenses of the project are shared by Consumers Energy Company and DTE Electric Company, 51% and 49%, respectively. Expense accounts affected are hydraulic power generation operation and maintenance accounts, transmission operation and maintenance accounts, certain administrative and general operation accounts and general tax accounts.</p> <p>(2) All units are reversible pump/turbines.</p> <p>(3) Gross Static Head pond full with average lake level for 2019 of 582.04'.</p>							
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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PUMPED STORAGE GENERATING PLANTS (Continued)

generating plant, other than a leased plant, or portion thereof, for which the respondent shares in the operation of, furnish a concise statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

SEPARATE MOTOR-DRIVEN PUMPS

RPM (Designate whether turbine or pump (i))	Maximum Hp Capacity of Unit at Design Head (j)	Year Installed (k)	Type (l)	RPM (m)	Phase (n)	Frequency or dc (o)	NAME PLATE RATING IN		
							Hp (p)	MV's (q)	Line No.
NA									1
									2
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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PUMPED STORAGE GENERATING PLANTS (Continued)

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or contemplated. Equipment and its book cost are contemplated.

GENERATORS OR GENERATOR/MOTORS
(In Column (v), designate whether generator or motor)

Line No.	Year Installed (r)	Voltage (s)	Phase (t)	Frequency or dc (u)	Nameplate Rating of Unit (In megawatts) (Designate whether MVA, MW, or Hp; indicate power factor) (v)	Number of Units in plant (w)	Total Installed Generating Capacity (Nameplate Ratings) (In megawatts) (x)
1	1973	20.0	3	60 Hz	Generator 329.8 MW 0.85 Power Factor	1	330
2							
3							
4							
5							
6	1973	20.0	3	60 Hz	Generator 386.75 MW 0.85 Power Factor	5	1,934
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS

1. Include on this page internal-combustion engine and gas-turbine plants of 10,000 kilowatts and more.
2. Report the information called for concerning plants and equipment at end of year. Show associated prime movers and generators on the same line.
3. Exclude from this page, plant, the book cost of which is included in Account 121, *Nonutility Property*.

4. Designate any plants or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating plant other than a leased plant, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the

Line No.	Name of Plant	Location of Plant	Prime Movers			
			<i>In Column (e), indicate basic cycle for gas-turbine as open or closed; indicate basic cycle for internal-combustion as 2 or 4.</i>			
			Internal-Combustion or Gas-Turbine	Year Installed	Cycle	Belted or Direct Connected
	(a)	(b)	(c)	(d)	(e)	(f)
1	Enrico Fermi	Frenchtown Township, MI	Gas Turbine	1966	Open	Direct
2	Greenwood #11	Greenwood Township, MI	Gas Turbine	1999	Open	Direct
3	Greenwood #12	Greenwood Township, MI	Gas Turbine	1999	Open	Direct
4	Hancock #11-1,2,3	Commerce Township, MI	Gas Turbine	1967	Open	Direct
5	Hancock #12-1,2	Commerce Township, MI	Gas Turbine	1966-70	Open	Direct
6	Northeast #11	Warren, MI	Gas Turbine	1966-67	Open	Direct
7	Northeast #12	Warren, MI	Gas Turbine	1971	Open	Direct
8	Northeast #13	Warren, MI	Gas Turbine	1971	Open	Direct
9	St. Clair #11	East China Township, MI	Gas Turbine	1968	Open	Direct
10	Superior	Superior Township, MI	Gas Turbine	1966	Open	Direct
11	Belle River	East China Township, MI	Int. Combustion	1980	2	Direct
12	Belle River #12,13	East China Township, MI	Gas Turbine	1999	Open	Direct
13	Colfax	Handy Township, MI	Int. Combustion	1969	2	Direct
14	Monroe	Monroe, MI	Int. Combustion	1969	2	Direct
15	Oliver	Oliver Township, MI	Int. Combustion	1970	2	Direct
16	Placid	Springfield Township, MI	Int. Combustion	1970	2	Direct
17	Putnam	Mayville, MI	Int. Combustion	1971	2	Direct
18	River Rouge	River Rouge, MI	Int. Combustion	1967	2	Direct
19	Slocum	Trenton, MI	Int. Combustion	1968	2	Direct
20	Wilmot	Kingston Township, MI	Int. Combustion	1968	2	Direct
21	Delray #11	Detroit, MI	Gas Turbine	1999	Open	Direct
22	Delray #12	Detroit, MI	Gas Turbine	1999	Open	Direct
23	Dean	East China Township, MI	Gas Turbine	2002	Open	Direct
24	Renaissance	Montcalm, MI	Gas Turbine	2002-03	Open	Direct
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS (Continued)

operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) as to such matters as percent of ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers (Continued)	Generators						Total Installed Generating Capacity (Name Plate Ratings in Mw) (n)	Line No.
	Rated Hp of Unit (g)	Year Installed (h)	Voltage (i)	Phase (j)	Frequency of d.c. (k)	Name Plate Rating of Unit (In MW) (l)	No. of Units in Plant (m)	
	21,456	1966	13.8 kV	3	60	16.000	4	1
	114,389	1999	13.8 kV	3	60	76.000	2	2
	114,389	1999	13.8 kV	3	60	85.300	1	3
	25,479	1967	13.8 kV	3	60	19.000	2	4
	56,189	1966-70	13.8 kV	3	60	41.800	2	5
	21,456	1966-67	13.8 kV	3	60	16.000	4	6
	26,284	1971	13.8 kV	3	60	23.600	1	7
	28,564	1971	13.8 kV	3	60	21.300	2	8
	24,943	1968	13.8 kV	3	60	18.600	1	9
	21,456	1966	13.8 kV	3	60	16.000	4	10
	3,621	1980	4.16 kV	3	60	2.600	5	11
	124,715	1999	13.8 kV	3	60	85.300	3	12
	3,621	1969	4.16 kV	3	60	2.600	5	13
	3,621	1969	4.16 kV	3	60	2.600	5	14
	3,621	1970	4.16 kV	3	60	2.600	5	15
	3,621	1970	4.16 kV	3	60	2.600	5	16
	3,621	1971	4.16 kV	3	60	2.600	5	17
	3,889	1967	4.16 kV	3	60	3.600	4	18
	3,621	1968	4.16 kV	3	60	2.600	5	19
	3,621	1968	4.16 kV	3	60	2.600	5	20
	98,699	1999	13.8 kV	3	60	73.600	1	21
	92,128	1999	13.8 kV	3	60	80.800	1	22
	116,401	2002	13.8 kV	3	60	89.400	4	23
	259,890	2002-03	13.8 kV	3	60	195.500	4	24
								25
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Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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TRANSMISSION LINE STATISTICS

- Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Report transmission lines below these voltages in group totals only for each voltage.
- Transmission lines include all lines covered by the definition of transmission system plant as given in the Uniform System of Accounts. Do not report substation costs and expenses on this page.
- Report data by individual lines for all voltages if so required by a State commission.
- Exclude from this page any transmission lines for which plant costs are included in Account 121, Nonutility Property.
- Indicate whether the type of supporting structure reported in column (e) is: (1) single pole wood or steel; (2) H-frame wood, or steel poles; (3) tower; or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.
- Report in columns (f) and (g) the total pole miles of each transmission line. Show in column (f) the pole miles of line on structures the cost of which is reported for the line designated; conversely, show in column (g) the pole miles of line on structures the cost of which is reported for another line. Report pole miles of line on leased or partly owned structures in column (g). In a footnote, explain the basis of such occupancy and state whether expenses with respect to such structures are included in the expenses reported for the line designated.

Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Overhead		230.00	230.00	Tower	0.29		
2								
3								
4								
5								
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35								
36					TOTAL	0.29		

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)

8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.

9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.

10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
								1
								2
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SUBSTATIONS

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Abbott - St Clair Shores	Distribution	40.00	4.80	
2	Abbott - St Clair Shores	Distribution	24.00	4.80	
3	Academy - Ann Arbor	Single Customer	40.00	13.20	
4	Acme - Brownstown Twp	Distribution	40.00	13.20	
5	Adair - Columbus Twp	Distribution	40.00	4.80	
6	Adams - Romeo	Distribution	120.00	40.00	
7	Adams - Romeo	Distribution	120.00	13.20	
8	Adams - Romeo	Distribution			
9	Airport - Huron Twp	Distribution	120.00	13.20	
10	Akron - Novi	Distribution	120.00	13.20	
11	Akron - Novi	Distribution			
12	Alamo - Huron Twp	Distribution	120.00	13.20	
13	Alfred - Detroit	Distribution	120.00	13.20	
14	Alfred - Detroit	Distribution			
15	Algonac - Algonac	Distribution	40.00	13.20	
16	Algonac - Algonac	Distribution	24.00	4.80	
17	Algonac - Algonac	Distribution			
18	Allen Park - Allen Park	Distribution	40.00	4.80	
19	Allen Park - Allen Park	Distribution	24.00	4.80	
20	Allison - Romulus	Single Customer	120.00	13.20	
21	Alloy - Detroit	Single Customer	120.00	13.20	
22	Almont - Almont	Distribution	40.00	4.80	
23	Alpha - Sterling Hts	Distribution	120.00	13.20	
24	Alpha - Sterling Hts	Distribution			
25	Alpine - Bloomfield Twp	Distribution	40.00	13.20	
26	Amherst - Detroit	Single Customer	120.00	13.20	
27	Amsterdam - Detroit	Distribution	24.00	4.80	
28	Anderson - Fremont Twp	Distribution	24.00	4.80	
29	Angola - Southfield	Distribution	40.00	13.20	
30	Angola - Southfield	Distribution			
31	Anncheester - Detroit	Distribution	40.00	4.80	
32	Anncheester - Detroit	Distribution	24.00	4.80	
33	Apache - Troy	Distribution	120.00	13.20	
34	Apache - Troy	Distribution			
35	Apex - Ann Arbor	Distribution	120.00	40.00	
36	Applegate - Applegate	Distribution	40.00	4.80	
37	Applegate - Applegate	Distribution			
38	Appoline - Detroit	Distribution	40.00	4.80	
39	Appoline - Detroit	Distribution	24.00	4.80	
40	Arctic - Allen Park	Single Customer	120.00	13.20	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Argo - Ann Arbor	Distribution	40.00	4.80	
2	Ariel - Troy	Distribution	120.00	13.20	
3	Ariel - Troy	Distribution			
4	Arizona - Ypsilanti Twp	Distribution	120.00	13.20	
5	Arizona - Ypsilanti Twp	Distribution			
6	Armada - Armada	Distribution	40.00	13.20	
7	Armada - Armada	Distribution	40.00	4.80	
8	Arnold - Troy	Distribution	40.00	4.80	
9	Arrowhead - Elkland Twp	Distribution	120.00	40.00	
10	Arrowhead - Elkland Twp	Distribution			
11	Arsenal - Warren	Single Customer	40.00	4.80	
12	Artesian - Detroit	Single Customer	120.00	13.20	
13	Artillery - Detroit	Distribution	24.00	4.80	
14	Aspen - Wheatland Twp	Distribution	40.00	13.20	
15	Aspen - Wheatland Twp	Distribution			
16	Atlanta - Denmark Twp	Distribution	120.00	13.20	
17	Atlas - Riverview	Distribution	40.00	4.80	
18	Attica - Attica Twp	Distribution	40.00	4.80	
19	Auburn Heights - Rochester Hills	Distribution	120.00	13.20	
20	Auburn Heights - Rochester Hills	Distribution	40.00	13.20	
21	Auburn Heights - Rochester Hills	Distribution			
22	Augusta - Macomb	Distribution	120.00	13.20	
23	Augusta - Macomb	Distribution			
24	Bad Axe - Verona Twp	Distribution	120.00	40.00	
25	Bad Axe - Verona Twp	Distribution	120.00	13.20	
26	Bad Axe - Verona Twp	Distribution	40.00	4.80	
27	Bad Axe - Verona Twp	Distribution			
28	Badger - Pontiac	Single Customer	40.00	4.80	
29	Baker - St Clair Shores	Distribution	40.00	4.80	
30	Baldwin - Orion Twp	Distribution	40.00	13.20	
31	Baldwin - Orion Twp	Distribution			
32	Balfour - Detroit	Distribution	24.00	4.80	
33	Baltic - Plymouth Twp	Distribution	120.00	40.00	
34	Barnes Lake - Deerfield Twp	Distribution	40.00	4.80	
35	Bartlett - Pontiac	Distribution	40.00	8.30	
36	Bates - Ann Arbor	Single Customer	40.00	4.80	
37	Battery - Brownstown Twp	Single Customer	120.00	13.20	
38	Beach - Harrison Twp	Distribution	40.00	13.20	
39	Beaumont - Royal Oak	Single Customer	40.00	4.80	
40	Beaumont - Royal Oak	Single Customer	24.00	4.80	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Beck - Roseville	Distribution	120.00	13.20	
2	Beck - Roseville	Distribution			
3	Bell Creek - Livonia	Distribution	40.00	13.20	
4	Belle River PP - China Twp	Distribution	345.00	13.20	
5	Belleville - Van Buren Twp	Distribution	40.00	13.20	
6	Belleville - Van Buren Twp	Distribution	40.00	4.80	
7	Belmont - Melvindale	Single Customer	24.00	4.80	
8	Bemis - Saline	Distribution	120.00	13.20	
9	Bennet - Marlette Twp	Distribution	120.00	40.00	
10	Benson - Sterling Heights	Distribution	120.00	13.20	
11	Benson - Sterling Heights	Distribution	40.00	13.20	
12	Bergen - Oregon Twp	Distribution	120.00	13.20	
13	Berkley - Berkley	Distribution	40.00	4.80	
14	Berkley - Berkley	Distribution	24.00	4.80	
15	Berlin - Berlin Twp	Distribution	120.00	13.20	
16	Bernard - Wales Twp	Distribution	40.00	4.80	
17	Beverly - Beverly Hills	Distribution	40.00	4.80	
18	Biddle - Wayne	Distribution	40.00	13.20	
19	Biddle - Wayne	Distribution	40.00	4.80	
20	Biddle - Wayne	Distribution			
21	Biltmore - Dearborn Hts	Distribution	40.00	13.20	
22	Biltmore - Dearborn Hts	Distribution	40.00	4.80	
23	Bingham - Bingham Twp	Distribution	40.00	4.80	
24	Bingham - Bingham Twp	Distribution			
25	Birch - Vassar	Distribution	40.00	4.80	
26	Birch - Vassar	Distribution			
27	Birmingham - Birmingham	Distribution	40.00	4.80	
28	Bishop - Warren	Distribution	40.00	4.80	
29	Bishop - Warren	Distribution			
30	Bismarck - Sterling Heights	Distribution	120.00	13.20	
31	Blair - Royal Oak	Distribution	40.00	4.80	
32	Bloomfield - Pontiac	Distribution	120.00	40.00	
33	Bloomfield - Pontiac	Distribution	40.00	13.20	
34	Bloomfield - Pontiac	Distribution			
35	Bond - Iosco Twp	Distribution	40.00	13.20	
36	Bond - Iosco Twp	Distribution			
37	Boulder - Frenchtown Twp	Single Customer	120.00	13.20	
38	Boyne - Macomb Twp	Distribution	120.00	40.00	
39	Boyne - Macomb Twp	Distribution	120.00	13.20	
40	Boyne - Macomb Twp	Distribution			

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SUBSTATIONS

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Bray - Arbelia Twp	Distribution	40.00	13.20	
2	Brazil - Madison Heights	Distribution	40.00	13.20	
3	Bredow - Huron Twp	Distribution	40.00	4.80	
4	Brest - Frenchtown Twp	Distribution	40.00	13.20	
5	Brewer - Addison Twp	Distribution	40.00	13.20	
6	Brewer - Addison Twp	Distribution			
7	Briggs - Detroit	Single Customer	24.00	4.80	
8	Brighton - Brighton	Distribution	40.00	4.80	
9	Bristol - Detroit	Single Customer	120.00	13.20	
10	Brock - Dearborn Hts	Distribution	120.00	40.00	
11	Brock - Dearborn Hts	Distribution			
12	Bronco - Shelby Twp	Distribution	120.00	13.20	
13	Bronco - Shelby Twp	Distribution			
14	Brooks - Southfield	Distribution	40.00	13.20	
15	Brooks - Southfield	Distribution			
16	Brown City - Brown City	Distribution	40.00	4.80	
17	Brownstown - Woodhaven	Distribution	120.00	40.00	
18	Brownstown - Woodhaven	Distribution	40.00	13.20	
19	Brownstown - Woodhaven	Distribution			
20	Bruce - Bruce Twp	Distribution	40.00	13.20	
21	Buckler - Ann Arbor	Distribution	40.00	13.20	
22	Buckler - Ann Arbor	Distribution			
23	Bunce Creek - Marysville	Distribution	120.00	40.00	
24	Bunce Creek - Marysville	Distribution	120.00	24.00	
25	Bunce Creek - Marysville	Distribution	40.00	13.20	
26	Bunert - Warren	Distribution	24.00	13.20	
27	Bunert - Warren	Distribution	24.00	4.80	
28	Bunert - Warren	Distribution			
29	Burbank - Mt Clemens	Distribution	40.00	4.80	
30	Burkhart - Howell	Single Customer	40.00	13.20	
31	Burns - Bruce Twp	Single Customer	120.00	13.20	
32	Burton - Ann Arbor	Distribution	40.00	4.80	
33	Butler - Mt Clemens	Single Customer	40.00	13.20	
34	Cabot - Frenchtown Twp	Distribution	40.00	13.20	
35	Calla - Dexter	Distribution	120.00	13.20	
36	Calumet - Waterford Twp	Distribution	40.00	4.80	
37	Camden - Waterford Twp	Distribution	40.00	13.20	
38	Camden - Waterford Twp	Distribution	40.00	4.80	
39	Campus - Ann Arbor	Single Customer	40.00	13.20	
40	Campus - Ann Arbor	Single Customer	40.00	4.80	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Capac - Capac	Distribution	40.00	13.20	
2	Capac - Capac	Distribution			
3	Cargo - Plymouth	Single Customer	40.00	13.20	
4	Carleton - Ash Twp	Distribution	40.00	4.80	
5	Caro - Caro	Distribution	40.00	4.80	
6	Carpenter - Milan	Distribution	40.00	4.80	
7	Carpenter - Milan	Distribution			
8	Carsonville - Carsonville	Distribution	40.00	4.80	
9	Carter - Auburn Hills	Distribution	40.00	13.20	
10	Carter - Auburn Hills	Distribution			
11	Caseville - Caseville Twp	Distribution	40.00	13.20	
12	Caseville - Caseville Twp	Distribution			
13	Casey - St Clair Twp	Single Customer	40.00	4.80	
14	Cass City - Cass City	Distribution	40.00	13.20	
15	Cass City - Cass City	Distribution	40.00	4.80	
16	Catalina - Pontiac	Distribution	120.00	13.20	
17	Cato - Detroit	Distribution	120.00	13.20	
18	Cato - Detroit	Distribution	120.00	4.80	
19	Cato - Detroit	Distribution			
20	Cedar - Port Huron	Distribution	40.00	4.80	
21	Cedar - Port Huron	Distribution	24.00	4.80	
22	Centerline - Center Line	Distribution	24.00	4.80	
23	Cessna - Howell Twp	Distribution	40.00	13.20	
24	Champion - Detroit	Single Customer	24.00	13.20	
25	Chandler - Detroit	Distribution	24.00	4.80	
26	Charlotte - Detroit	Distribution	24.00	4.80	
27	Chelsea - Lima Twp	Distribution	120.00	40.00	
28	Chesterfield - Chesterfield Twp	Distribution	40.00	13.20	
29	Chesterfield - Chesterfield Twp	Distribution			
30	Chestnut - Madison Heights	Distribution	120.00	40.00	
31	Chestnut - Madison Heights	Distribution	120.00	13.20	
32	Chicago Blvd - Detroit	Distribution	24.00	4.80	
33	Chilson - Genoa Twp	Distribution	40.00	13.20	
34	Chippewa - Port Huron	Distribution	40.00	4.80	
35	Chippewa - Port Huron	Distribution			
36	Cicot - Lincoln Park	Single Customer	120.00	13.20	
37	Clarkston - Independence Twp	Distribution	40.00	13.20	
38	Clarkston - Independence Twp	Distribution			
39	Clifford - Clifford	Distribution	40.00	4.80	
40	Clifford - Clifford	Distribution			

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Clyde - Highland Twp	Distribution	40.00	13.20	
2	Coats - Orion Twp	Distribution	40.00	13.20	
3	Cody - Lyon Twp	Distribution	120.00	40.00	
4	Cody - Lyon Twp	Distribution	120.00	13.20	
5	Cody - Lyon Twp	Distribution			
6	Cogswell - Romulus	Single Customer	120.00	13.20	
7	Colfax - Handy Twp	Distribution	120.00	40.00	
8	Colfax - Handy Twp	Distribution	40.00	13.20	
9	Dean - East China Twp	Distribution	120.00	13.20	
10	Colfax - Handy Twp	Distribution	40.00	4.80	
11	Colfax - Handy Twp	Distribution			
12	Collier - Pontiac	Single Customer	40.00	4.80	
13	Collins - Ypsilanti Twp	Distribution	120.00	13.20	
14	Collins - Ypsilanti Twp	Distribution			
15	Colorado - Orion Twp	Distribution	120.00	13.20	
16	Colorado - Orion Twp	Distribution			
17	Columbiaville - Columbiaville	Distribution	40.00	4.80	
18	Commerce Lake - Commerce Twp	Distribution	40.00	13.20	
19	Commerce Lake - Commerce Twp	Distribution			
20	Conant - Detroit	Distribution	24.00	4.80	
21	Conrad - Howell Twp	Distribution	40.00	13.20	
22	Coolidge - Detroit	Distribution	24.00	4.80	
23	Cooper - Taylor	Single Customer	120.00	4.80	
24	Cornell - Ypsilanti	Distribution	40.00	4.80	
25	Cortland - Highland Park	Distribution	120.00	24.00	
26	Cortland - Highland Park	Distribution	120.00	4.80	
27	Cosmo - Pigeon	Single Customer	120.00	13.20	
28	Cottage - Burtchville Twp	Distribution	40.00	13.20	
29	Crawford - Troy	Distribution	40.00	13.20	
30	Crestwood - Dearborn	Distribution	120.00	13.20	
31	Crestwood - Dearborn	Distribution			
32	Cross - Kinde Village	Distribution	40.00	13.20	
33	Crown - Pittsfield Twp	Distribution	120.00	13.20	
34	Crown - Pittsfield Twp	Distribution	40.00	13.20	
35	Crown - Pittsfield Twp	Distribution			
36	Culver - Waterford Twp	Distribution	40.00	4.80	
37	Curtis - Detroit	Distribution	40.00	4.80	
38	Custer - Monroe	Distribution	120.00	24.00	
39	Custer - Monroe	Distribution	40.00	24.00	
40	Custer - Monroe	Distribution	24.00	4.80	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Custer - Monroe	Distribution			
2	Cypress - Marysville	Distribution	120.00	13.20	
3	Cyrl - Detroit	Single Customer	120.00	13.20	
4	Dakota - Troy	Single Customer	40.00	4.80	
5	Daly - Dearborn Hts	Distribution	40.00	4.80	
6	Davis - W Bloomfield	Distribution	40.00	13.20	
7	Davis - W Bloomfield	Distribution			
8	Dayton - Van Buren Twp	Distribution	120.00	40.00	
9	Dayton - Van Buren Twp	Distribution	40.00	13.20	
10	Dayton - Van Buren Twp	Distribution			
11	Deacon - Detroit	Single Customer	120.00	4.80	
12	Deacon - Detroit	Single Customer	24.00	4.80	
13	Delray Peakers - Detroit	Distribution	120.00	13.20	
14	Dearborn - Dearborn	Distribution	40.00	4.80	
15	Dearborn - Dearborn	Distribution	24.00	4.80	
16	Decatur - Dearborn	Distribution	24.00	4.80	
17	Echo Wind Park - Elkton	Distribution	120.00	34.50	
18	Denby - Gibraltar	Single Customer	24.00	6.90	
19	Denver - Detroit	Distribution	24.00	4.80	
20	Derby - Vassar	Distribution	40.00	4.80	
21	Derby - Vassar	Distribution			
22	Dewey - Livonia	Distribution	40.00	13.20	
23	Dewey - Livonia	Distribution			
24	Dexter - Dexter	Distribution	40.00	4.80	
25	Diamond - Dexter	Distribution	40.00	13.20	
26	Diamond - Dexter	Distribution			
27	Diesel - Redford Twp	Single Customer	120.00	13.20	
28	Disco - Shelby Twp	Distribution	40.00	13.20	
29	Dix - Southgate	Distribution	40.00	4.80	
30	Dolphin - Detroit	Single Customer	40.00	4.80	
31	Dorset - Saline Twp	Distribution	120.00	40.00	
32	Douglass - Van Buren Twp	Single Customer	120.00	13.20	
33	Dover - Rochester Hills	Distribution	40.00	13.20	
34	Drake - Farmington Hills	Distribution	120.00	13.20	
35	Drake - Farmington Hills	Distribution			
36	Drexel - Farmington Hills	Distribution	120.00	13.20	
37	Drexel - Farmington Hills	Distribution	40.00	13.20	
38	Drexel - Farmington Hills	Distribution			
39	Dublin - Huron Twp	Distribution	40.00	13.20	
40	Dudley - Troy	Distribution	40.00	13.20	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Dudley - Troy	Distribution	40.00	4.80	
2	Dudley - Troy	Distribution			
3	Dunn - Pt Huron	Single Customer	40.00	4.80	
4	Dunn - Pt Huron	Single Customer	24.00	4.80	
5	Durant - Milford Twp	Single Customer	120.00	13.20	
6	Duvall - Northville Twp	Distribution	120.00	13.20	
7	Duvall - Northville Twp	Distribution			
8	Eastland - Harper Woods	Distribution	40.00	4.80	
9	Hancock - Commerce Twp	Distribution	120.00	13.20	
10	Northeast - Warren	Distribution	120.00	13.20	
11	Eclipse - Hazel Park	Single Customer	40.00	13.20	
12	Eckles - Plymouth Twp	Distribution	40.00	4.80	
13	Ecorse - Ecorse	Distribution	40.00	4.80	
14	Ecorse - Ecorse	Distribution	24.00	4.80	
15	Eight Mile - Detroit	Distribution	24.00	4.80	
16	Elba - Elba Twp	Distribution	40.00	4.80	
17	Elba - Elba Twp	Distribution			
18	Elgin - Livonia	Distribution	40.00	4.80	
19	Elkton - Elkton	Distribution	40.00	4.80	
20	Elkton - Elkton	Distribution			
21	Elm - Taylor	Distribution	120.00	40.00	
22	Elm - Taylor	Distribution	120.00	13.20	
23	Elm - Taylor	Distribution			
24	Emerick - Ypsilanti Twp	Distribution	40.00	4.80	
25	Emmett - Kenockee Twp	Distribution	40.00	4.80	
26	Empire - Detroit	Distribution	24.00	4.80	
27	Enrico Fermi PP - Frenchtown Twp	Distribution	120.00	13.20	
28	Erin - East Pointe	Distribution	120.00	40.00	
29	Erin - East Pointe	Distribution	40.00	24.00	
30	Erin - East Pointe	Distribution	40.00	4.80	
31	Erin - East Pointe	Distribution			
32	Essex - Detroit	Distribution	120.00	24.00	
33	Euclid - Troy	Distribution	40.00	13.20	
34	Evergreen - Detroit	Distribution	120.00	40.00	
35	Evergreen - Detroit	Distribution	40.00	24.00	
36	Evergreen - Detroit	Distribution	40.00	4.80	
37	Evergreen - Detroit	Distribution			
38	Explorer - Dearborn	Single Customer	120.00	13.20	
39	Fairfax - Port Huron	Distribution	40.00	13.20	
40	Fairgrove - Fairgrove Twp	Distribution	40.00	4.80	

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1	Fairlane - Detroit	Distribution	24.00	4.80	
2	Fairmount - Detroit	Distribution	24.00	4.80	
3	Falcon - Marysville	Distribution	40.00	4.80	
4	Farmington - Farmington	Distribution	40.00	13.20	
5	Farmington - Farmington	Distribution	40.00	4.80	
6	Farmington - Farmington	Distribution			
7	Fawn - Mayfield Twp	Distribution	120.00	13.20	
8	Ferndale - Ferndale	Distribution	24.00	4.80	
9	Fifteen Mile - Sterling Heights	Distribution	40.00	4.80	
10	Fifteen Mile - Sterling Heights	Distribution			
11	Filmore - Allen Park	Distribution	120.00	13.20	
12	Filmore - Allen Park	Distribution			
13	Finlay - Livonia	Distribution	40.00	4.80	
14	Fisher - Gibraltar	Distribution	40.00	13.20	
15	Fisher - Gibraltar	Distribution			
16	Flag - Romulus Twp	Distribution	40.00	4.80	
17	Flat Rock - Flat Rock	Distribution	40.00	4.80	
18	Fleming - Ash Twp	Distribution	40.00	13.20	
19	Fleming - Ash Twp	Distribution			
20	Fletcher - Freedom Twp	Single Customer	40.00	4.80	
21	Flint - Genoa Twp	Distribution	120.00	13.20	
22	Flint - Genoa Twp	Distribution			
23	Florida - Livonia	Distribution	40.00	13.20	
24	Ford Engineering - Dearborn	Single Customer	40.00	13.20	
25	Forester - Forester Twp	Distribution	40.00	4.80	
26	Fountain - Plymouth	Distribution	40.00	13.20	
27	Fountain - Plymouth	Distribution			
28	Fowlerville - Fowlerville	Distribution	40.00	4.80	
29	Fowlerville - Fowlerville	Distribution			
30	Fox - Franklin	Distribution	40.00	4.80	
31	Franklin - Bloomfield Twp	Distribution	40.00	4.80	
32	Fraser - Fraser	Distribution	40.00	4.80	
33	Freedom - Lodi Twp	Distribution	40.00	13.20	
34	French Landing - Van Buren Twp	Distribution	40.00	13.20	
35	French Landing - Van Buren Twp	Distribution	40.00	4.80	
36	French Landing - Van Buren Twp	Distribution			
37	Frisbie - Detroit	Distribution	120.00	24.00	
38	Frisbie - Detroit	Distribution	24.00	4.80	
39	Front Street - Monroe	Distribution	24.00	4.80	
40	Fuller - Ann Arbor Twp	Distribution	40.00	4.80	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Fusion - Flatrock	Single Customer	120.00	13.20	
2	Gagetown - Elkland Twp	Distribution	40.00	4.80	
3	Gagetown - Elkland Twp	Distribution			
4	Garden City - Garden City	Distribution	40.00	4.80	
5	Garfield - Detroit	Distribution	24.00	4.80	
6	Gary - Detroit	Distribution	40.00	4.80	
7	Gay - Inkster	Distribution	40.00	4.80	
8	General Dynamics - Sterling Heights	Single Customer	120.00	13.20	
9	Genesee - River Rouge	Distribution	24.00	4.80	
10	Genoa - Genoa Twp	Distribution	120.00	40.00	
11	Genoa - Genoa Twp	Distribution	120.00	13.20	
12	Genoa - Genoa Twp	Distribution	40.00	13.20	
13	Genoa - Genoa Twp	Distribution			
14	Gibson - Detroit	Distribution	24.00	4.80	
15	Giddings - Auburn Hills	Distribution	120.00	13.20	
16	Giddings - Auburn Hills	Distribution			
17	Gilbert - Romulus Twp	Distribution	40.00	13.20	
18	Gilbert - Romulus Twp	Distribution			
19	Glendale - Redford Twp	Distribution	40.00	4.80	
20	Globe - Vassar Twp	Distribution	40.00	13.20	
21	Golf - Macomb Twp	Distribution	120.00	13.20	
22	Golf - Macomb Twp	Distribution			
23	Goodison - Oakland Twp	Distribution	40.00	13.20	
24	Goodison - Oakland Twp	Distribution			
25	Graf - Indianfields Twp	Single Customer	40.00	2.40	
26	Grand River - Detroit	Distribution	24.00	4.80	
27	Grant - Detroit	Distribution	24.00	4.80	
28	Grayling - Shelby Twp	Distribution	120.00	13.20	
29	Grayling - Shelby Twp	Distribution			
30	Great Lakes A - Ecorse	Single Customer	24.00	6.90	
31	Great Lakes B - Ecorse	Single Customer	24.00	6.90	
32	Great Lakes C - Ecorse	Single Customer	24.00	13.20	
33	Great Lakes D - Ecorse	Single Customer	24.00	13.20	
34	Great Lakes E - Ecorse	Single Customer	24.00	6.90	
35	Great Lakes J - Ecorse	Single Customer	24.00	6.90	
36	Great Lakes K - Ecorse	Single Customer	24.00	13.20	
37	Great Lakes R - Ecorse	Single Customer	13.20	6.90	
38	Greenwood Energy Center - Avoca	Distribution	345.00	13.20	
39	Gregory - Fowlerville	Single Customer	40.00	13.20	
40	Grenada - Superior Twp	Distribution	40.00	13.20	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Griffin - Leroy Twp	Distribution	40.00	13.20	
2	Griffin - Leroy Twp	Distribution			
3	Grissom - W Bloomfield	Single Customer	40.00	13.20	
4	Grosse Ile - Grosse Ile	Distribution	24.00	4.80	
5	Grosse Pointe - Detroit	Distribution	40.00	4.80	
6	Grosse Pointe - Detroit	Distribution	24.00	4.80	
7	Grosse Pointe - Detroit	Distribution			
8	Gulley - Dearborn	Distribution	40.00	4.80	
9	Gunston - Detroit	Distribution	24.00	4.80	
10	Hager - Northville Twp	Distribution	120.00	13.20	
11	Hager - Northville Twp	Distribution			
12	Hamburg - Hamburg Twp	Distribution	40.00	13.20	
13	Hamburg - Hamburg Twp	Distribution			
14	Hamlin - Rochester Hills	Distribution	120.00	13.20	
15	Hamlin - Rochester Hills	Distribution			
16	Hancock - Commerce Twp	Distribution	120.00	40.00	
17	Hancock - Commerce Twp	Distribution	120.00	13.20	
18	Pinnebog - Bad Axe	Distribution	120.00	34.50	
19	Remer - E China Twp	Distribution	120.00	4.80	
20	Hancock - Commerce Twp	Distribution			
21	Hannan - Romulus Twp	Single Customer	40.00	13.20	
22	Hanover - Allen Park	Single Customer	24.00	13.20	
23	Harbor Beach PP - Harbor Beach	Distribution	120.00	40.00	
24	Harper - Clinton Twp	Distribution	40.00	4.80	
25	Harper - Clinton Twp	Distribution			
26	Hartwick - Detroit	Single Customer	24.00	4.80	
27	Harvey - Westland	Distribution	40.00	4.80	
28	Haskell - Taylor	Distribution	40.00	4.80	
29	Haskell - Taylor	Distribution	24.00	4.80	
30	Hatci - Ypsilanti	Single Customer	120.00	13.20	
31	Hawthorne - Dearborn Hts	Distribution	40.00	4.80	
32	Hayes - Detroit	Distribution	24.00	4.80	
33	Hazel Park - Ferndale	Distribution	24.00	4.80	
34	Hemlock - Ann Arbor Twp	Distribution	40.00	4.80	
35	Hickory - Southfield	Distribution	40.00	13.20	
36	Hickory - Southfield	Distribution	40.00	4.80	
37	Highland Park - Highland Park	Single Customer	24.00	4.80	
38	Hill - Shelby Twp	Distribution	40.00	4.80	
39	Hilton Road - Ferndale	Distribution	120.00	13.20	
40	Hilton Road - Ferndale	Distribution			

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Hines - Livonia	Distribution	120.00	40.00	
2	Hines - Livonia	Distribution	120.00	13.20	
3	Hines - Livonia	Distribution			
4	Hobart - Ann Arbor Twp	Distribution	40.00	4.80	
5	Hobart - Ann Arbor Twp	Distribution			
6	Homer - Van Buren Twp	Distribution	40.00	13.20	
7	Hood - Pontiac	Distribution	120.00	13.20	
8	Hoover - Ann Arbor	Distribution	40.00	4.80	
9	Hoover - Ann Arbor	Distribution			
10	Houston - Ira Twp	Distribution	120.00	13.20	
11	Howard - Detroit	Distribution	24.00	4.80	
12	Howell - Howell	Distribution	40.00	4.80	
13	Howell - Howell	Distribution			
14	Hunters Creek - Lapeer Twp	Distribution	120.00	40.00	
15	Hunters Creek - Lapeer Twp	Distribution	120.00	13.20	
16	Hurst - Livingston Co	Distribution	120.00	40.00	
17	Hurst - Livingston Co	Distribution	40.00	13.20	
18	Ida - Ida Twp	Distribution	40.00	4.80	
19	Imlay City - Imlay City	Distribution	40.00	4.80	
20	Imlay City - Imlay City	Distribution			
21	Indian - Redford Twp	Distribution	40.00	4.80	
22	Ingalls - Ann Arbor	Single Customer	40.00	13.20	
23	Inkster - Inkster	Distribution	40.00	4.80	
24	Ionia - Utica	Single Customer	40.00	4.80	
25	Ira - Ira Twp	Distribution	40.00	4.80	
26	Ira - Ira Twp	Distribution			
27	Ironton - River Rouge	Distribution	120.00	24.00	
28	Ironton - River Rouge	Distribution			
29	Ivanhoe - Bloomfield Twp	Distribution	40.00	4.80	
30	Ivy - Washington Twp	Distribution	40.00	4.80	
31	Jackson Road - Scio Twp	Distribution	40.00	4.80	
32	Jacob - Ira Twp	Distribution	120.00	13.20	
33	Jacob - Ira Twp	Distribution			
34	Jarvis - Ferndale	Single Customer	24.00	4.80	
35	Jason - Sterling Heights	Distribution	40.00	13.20	
36	Jefferson - Trenton	Distribution	120.00	13.20	
37	Jefferson - Trenton	Distribution	40.00	24.00	
38	Jefferson - Trenton	Distribution			
39	Jerome - Wayne	Single Customer	40.00	4.80	
40	Jewell - Washington Twp	Distribution	120.00	13.20	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Jewell - Washington Twp	Distribution			
2	Joplin - Kingston	Distribution	40.00	4.80	
3	Jordan - Independence Twp	Distribution	40.00	4.80	
4	Joslyn - Auburn Hills	Distribution	120.00	13.20	
5	Joslyn - Auburn Hills	Distribution			
6	Junction - Plymouth	Single Customer	40.00	13.20	
7	Jupiter - Allen Park	Distribution	120.00	13.20	
8	Jupiter - Allen Park	Distribution			
9	Keego - Orchard Lake	Distribution	40.00	4.80	
10	Kellogg - Oceola Twp	Distribution	40.00	13.20	
11	Kellogg - Oceola Twp	Distribution			
12	Kennett - Pontiac	Single Customer	40.00	4.80	
13	Kenney - Warren	Distribution	40.00	4.80	
14	Kenney - Warren	Distribution	24.00	4.80	
15	Kensil - Green Oak Twp	Distribution	40.00	13.20	
16	Kensil - Green Oak Twp	Distribution			
17	Kent - Detroit	Distribution	24.00	4.80	
18	Kentucky - Milan	Single Customer	120.00	13.20	
19	Kern - Pontiac	Distribution	120.00	13.20	
20	Kilgore - Greenwood Twp	Distribution	120.00	13.20	
21	King Seeley - Scio Twp	Distribution	40.00	4.80	
22	Kingsford - Kingston Twp	Distribution	40.00	4.80	
23	Kopernick - Canton Twp	Distribution	120.00	13.20	
24	Kopernick - Canton Twp	Distribution			
25	Korte - Dearborn	Distribution	40.00	4.80	
26	Korte - Dearborn	Distribution	24.00	4.80	
27	Kramer - Ypsilanti	Single Customer	40.00	4.80	
28	Lakeport - Burtchville Twp	Distribution	40.00	4.80	
29	Lakeside - St Clair Shores	Distribution	40.00	4.80	
30	Lakeside - St Clair Shores	Distribution	24.00	4.80	
31	Lambert - Detroit	Distribution	24.00	4.80	
32	Lancaster - Southfield	Distribution	40.00	13.20	
33	Landis - Warren	Distribution	40.00	13.20	
34	Lapeer - Lapeer	Distribution	120.00	13.20	
35	Lapeer - Lapeer	Distribution	40.00	4.80	
36	Lapeer - Lapeer	Distribution			
37	Laredo - Pontiac	Distribution	40.00	13.20	
38	Laredo - Pontiac	Distribution			
39	Lark - Scio Twp	Distribution	120.00	40.00	
40	Lark - Scio Twp	Distribution			

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1	Lauder - Detroit	Distribution	40.00	4.80	
2	Lauder - Detroit	Distribution	24.00	4.80	
3	Lawton - Warren	Single Customer	40.00	4.80	
4	Lebaron - Auburn Hills	Single Customer	120.00	13.20	
5	Lee - Grant Twp	Distribution	120.00	40.00	
6	Lee - Grant Twp	Distribution			
7	Leland - Ann Arbor	Single Customer	40.00	4.80	
8	Lemay - Utica	Single Customer	40.00	13.20	
9	Levan - Livonia	Single Customer	120.00	13.20	
10	Lexington - Lexington Twp	Distribution	40.00	13.20	
11	Lexington - Lexington Twp	Distribution	40.00	4.80	
12	Liberty - Warren	Distribution	24.00	4.80	
13	Lilac - Howell	Distribution	40.00	13.20	
14	Lilac - Howell	Distribution			
15	Lily - W. Bloomfield	Distribution	120.00	13.20	
16	Lily - W. Bloomfield	Distribution			
17	Lima - Lima Twp	Distribution	40.00	13.20	
18	Lima - Lima Twp	Distribution			
19	Lincoln - Royal Oak	Distribution	120.00	24.00	
20	Lincoln - Royal Oak	Distribution	24.00	4.80	
21	Lincoln - Royal Oak	Distribution			
22	Linwood - Detroit	Distribution	24.00	4.80	
23	Livonia - Livonia	Single Customer	40.00	4.80	
24	Lockdale - Troy	Distribution	40.00	13.20	
25	Lockdale - Troy	Distribution			
26	Logan - Sterling Heights	Single Customer	120.00	13.20	
27	Lombard - Warren	Distribution	40.00	13.20	
28	Lombard - Warren	Distribution			
29	Long Lake - Bloomfield Hills	Distribution	120.00	13.20	
30	Long Lake - Bloomfield Hills	Distribution			
31	Lowell - Sterling Heights	Single Customer	40.00	13.20	
32	Luzon - Dundee Twp	Distribution	120.00	24.00	
33	Luzon - Dundee Twp	Distribution	120.00	13.20	
34	Luzon - Dundee Twp	Distribution	40.00	13.20	
35	Luzon - Dundee Twp	Distribution			
36	Lynch Road - Detroit	Single Customer	24.00	4.80	
37	Mack - Detroit	Distribution	120.00	24.00	
38	Mack - Detroit	Distribution	120.00	13.20	
39	Mack - Detroit	Distribution			
40	Macomb - Clinton Twp	Distribution	120.00	40.00	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Macomb - Clinton Twp	Distribution	120.00	13.20	
2	Macomb - Clinton Twp	Distribution			
3	Macon - Macon Twp	Distribution	40.00	13.20	
4	Macon - Macon Twp	Distribution			
5	Madison - Detroit	Distribution	24.00	4.80	
6	Madrid - Marion Twp	Distribution	120.00	40.00	
7	Madrid - Marion Twp	Distribution	40.00	13.20	
8	Mallard - Westland	Distribution	120.00	13.20	
9	Mallard - Westland	Distribution			
10	Malta - Sterling Heights	Distribution	120.00	13.20	
11	Malta - Sterling Heights	Distribution			
12	Mandalay - Royal Oak	Distribution	40.00	4.80	
13	Manor - Sterling Heights	Single Customer	40.00	13.20	
14	Marine City - East China Twp	Distribution	40.00	4.80	
15	Marine City - East China Twp	Distribution			
16	Marion - River Rouge	Single Customer	120.00	13.20	
17	Marlette - Marlette	Distribution	40.00	13.20	
18	Marlette - Marlette	Distribution	40.00	4.80	
19	Marlette - Marlette	Distribution			
20	Martin - Warren	Single Customer	24.00	13.20	
21	Maumee - Troy	Distribution	40.00	13.20	
22	Maumee - Troy	Distribution			
23	Maxwell - Detroit	Distribution	120.00	13.20	
24	Maybee - Maybee	Distribution	40.00	13.20	
25	Maybee - Maybee	Distribution	40.00	4.80	
26	Mayville - Mayville	Distribution	40.00	4.80	
27	Mazda - Flat Rock	Single Customer	120.00	13.20	
28	Mcauley - Ann Arbor	Single Customer	120.00	13.20	
29	Mcgraw - Detroit	Distribution	24.00	4.80	
30	Sigel Wind Park - Harbor Beach	Distribution	120.00	34.50	
31	Mckinstry - Detroit	Distribution	24.00	4.80	
32	Medina - Clinton Twp	Distribution	120.00	40.00	
33	Medina - Clinton Twp	Distribution	120.00	13.20	
34	Medina - Clinton Twp	Distribution			
35	Melrose - East Pointe	Distribution	24.00	4.80	
36	Melvindale - Melvindale	Distribution	24.00	4.80	
37	Menlo - Kimball Twp	Distribution	120.00	13.20	
38	Mercury - Dearborn	Single Customer	120.00	13.20	
39	Mercy - Pontiac	Single Customer	40.00	13.20	
40	Merriman Road - Huron Twp	Distribution	40.00	4.80	

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1	Metamora - Metamora Twp	Distribution	40.00	13.20	
2	Metamora - Metamora Twp	Distribution	40.00	4.80	
3	Metro - Romulus Twp	Single Customer	40.00	4.80	
4	Meyers - Detroit	Distribution	24.00	4.80	
5	Middlebelt - Livonia	Distribution	40.00	4.80	
6	Midtown - Detroit	Distribution	120.00	13.20	
7	Midtown - Detroit	Distribution			
8	Milan - Milan	Distribution	120.00	13.20	
9	Milford - Milford	Distribution	40.00	13.20	
10	Milford - Milford	Distribution			
11	Milk River - Grosse Pte Woods	Single Customer	40.00	4.80	
12	Milk River - Grosse Pte Woods	Single Customer	24.00	4.80	
13	Millington - Millington	Distribution	40.00	13.20	
14	Millington - Millington	Distribution	40.00	4.80	
15	Colfax - Handy Twp	Distribution	40.00	4.80	
16	Mohawk - Bloomfield Twp	Distribution	40.00	4.80	
17	Mohican - Marysville	Distribution	120.00	13.20	
18	Monarch - Pittsfield Twp	Distribution	40.00	4.80	
19	Monarch - Pittsfield Twp	Distribution			
20	Monroe PP - Monroe	Distribution	13.20	4.80	
21	Monsanto - Trenton	Single Customer	24.00	4.80	
22	Montcalm - Pontiac	Distribution	120.00	13.20	
23	Mopar - Detroit	Single Customer	120.00	13.20	
24	Morrison - Southfield	Single Customer	40.00	4.80	
25	Mott - Ypsilanti Twp	Distribution	40.00	13.20	
26	Mound Road - Warren	Distribution	24.00	4.80	
27	Mt Clemens - Mt Clemens	Distribution	40.00	4.80	
28	Mustang - Sterling Heights	Single Customer	120.00	13.20	
29	Myrtle - Ferndale	Single Customer	24.00	0.24	
30	Nankin - Wayne	Distribution	40.00	4.80	
31	National - Rochester	Single Customer	40.00	4.80	
32	Navarre - Detroit	Distribution	120.00	24.00	
33	Navarre - Detroit	Distribution	24.00	4.80	
34	Navarre - Detroit	Distribution			
35	Neff - Sand Beach Twp	Distribution	40.00	4.80	
36	Neff - Sand Beach Twp	Distribution			
37	Nelson Mills - Marysville	Distribution	40.00	4.80	
38	New Baltimore - New Baltimore	Distribution	40.00	13.20	
39	New Baltimore - New Baltimore	Distribution	40.00	4.80	
40	New Boston - Huron Twp	Distribution	40.00	4.80	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	New Haven - New Haven	Distribution	40.00	4.80	
2	Newburgh - Westland	Distribution	120.00	40.00	
3	Newburgh - Westland	Distribution	120.00	13.20	
4	Newburgh - Westland	Distribution	40.00	13.20	
5	Newburgh - Westland	Distribution			
6	Nickel - Romulus	Single Customer	40.00	4.80	
7	Niles - Summerfield Twp	Distribution	120.00	13.20	
8	Nine Mile - Warren	Distribution	24.00	4.80	
9	Nixon - Waterford Twp	Distribution	40.00	13.20	
10	Nixon - Waterford Twp	Distribution			
11	Noble - Saline	Single Customer	120.00	13.20	
12	Nolan - Genoa Twp	Distribution	120.00	13.20	
13	Nolan - Genoa Twp	Distribution			
14	North Branch - North Branch Twp	Distribution	40.00	13.20	
15	North Branch - North Branch Twp	Distribution	40.00	4.80	
16	North Branch - North Branch Twp	Distribution			
17	Northeast - Warren	Distribution	120.00	24.00	
18	Echo Wind Park - Elkton	Distribution	40.00	34.50	
19	Northeast - Warren	Distribution			
20	Northeast - Warren	Distribution	120.00	13.20	
21	Hancock - Commerce Twp	Distribution	40.00	13.20	
22	Northland - Southfield	Distribution	40.00	13.20	
23	Northland - Southfield	Distribution	40.00	4.80	
24	Northland - Southfield	Distribution	24.00	4.80	
25	Northville - Northville	Distribution	40.00	13.20	
26	Northville - Northville	Distribution	40.00	4.80	
27	Northville - Northville	Distribution			
28	Northwest - Detroit	Distribution	120.00	40.00	
29	Northwest - Detroit	Distribution	40.00	24.00	
30	Northwest - Detroit	Distribution			
31	Norway - Plymouth Twp	Single Customer	40.00	13.20	
32	Novi - Novi	Distribution	40.00	4.80	
33	Nunneley - Clinton Twp	Distribution	40.00	4.80	
34	Nunneley - Clinton Twp	Distribution			
35	Oak Beach - Hume Twp	Distribution	40.00	4.80	
36	Oak Park - Oak Park	Distribution	40.00	4.80	
37	Oak Park - Oak Park	Distribution	24.00	4.80	
38	Oak Ridge - Brownstown Twp	Distribution	120.00	13.20	
39	Oak Ridge - Brownstown Twp	Distribution			
40	Oakwood - Oxford Twp	Distribution	40.00	13.20	

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
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4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Oasis - Independence Twp	Distribution	40.00	13.20	
2	Odell - Raisinville Twp	Distribution	40.00	13.20	
3	Ogden - Plymouth Twp	Distribution	40.00	13.20	
4	Ohio - Southfield	Distribution	40.00	4.80	
5	Oliver - Oliver Twp	Distribution	40.00	4.80	
6	Olson - Detroit	Single Customer	24.00	0.48	
7	Omaha - Plymouth Twp	Distribution	40.00	13.20	
8	Omaha - Plymouth Twp	Distribution			
9	Omega - Harrison Twp.	Distribution	40.00	13.20	
10	Opal - Argyle Twp	Distribution	40.00	13.20	
11	Opal - Argyle Twp	Distribution			
12	Orchard - Detroit	Distribution	24.00	4.80	
13	Oregon - Milan	Distribution	40.00	13.20	
14	Orion - Lake Orion	Distribution	40.00	13.20	
15	Orion - Lake Orion	Distribution			
16	Osprey - Springfield Twp	Distribution	40.00	13.20	
17	Otis - Warren	Distribution	40.00	13.20	
18	Otis - Warren	Distribution	24.00	13.20	
19	Otsego - Imlay Twp	Distribution	120.00	40.00	
20	Otsego - Imlay Twp	Distribution	40.00	13.20	
21	Otsego - Imlay Twp	Distribution			
22	Ottawa - Livonia	Distribution	120.00	13.20	
23	Ottawa - Livonia	Distribution			
24	Otter Lake - Otter Lake	Distribution	40.00	4.80	
25	Outer Drive - Detroit	Distribution	24.00	4.80	
26	Owendale - Brookfield Twp	Distribution	40.00	4.80	
27	Oxford - Oxford	Distribution	40.00	13.20	
28	Oxford - Oxford	Distribution			
29	Oxide - Detroit	Single Customer	24.00	4.80	
30	Paddock - Pontiac	Distribution	40.00	8.30	
31	Page - Milford Twp	Distribution	40.00	13.20	
32	Page - Milford Twp	Distribution			
33	Palmer - Plymouth Twp	Single Customer	40.00	4.80	
34	Parkdale - Rochester Hills	Single Customer	40.00	4.80	
35	Parker Rd - Fort Gratiot Twp	Distribution	40.00	13.20	
36	Parker Rd - Fort Gratiot Twp	Distribution			
37	Patton - Southfield	Distribution	40.00	13.20	
38	Paul - Ypsilanti Twp	Distribution	40.00	4.80	
39	Paul - Ypsilanti Twp	Distribution			
40	Perkins - Livonia	Single Customer	40.00	4.80	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Peru - Inkster	Distribution	120.00	13.20	
2	Peru - Inkster	Distribution			
3	Petersburg - Summerfield Twp	Distribution	40.00	13.20	
4	Phoenix - Ann Arbor Twp	Distribution	120.00	40.00	
5	Phoenix - Ann Arbor Twp	Distribution	120.00	13.20	
6	Phoenix - Ann Arbor Twp	Distribution			
7	Pickler - Romulus	Single Customer	40.00	13.20	
8	Piedmont - Lodi Twp	Distribution	40.00	13.20	
9	Pigeon - Winsor Twp	Distribution	40.00	13.20	
10	Pigeon - Winsor Twp	Distribution			
11	Pinckney - Pinckney	Distribution	40.00	13.20	
12	Pinckney - Pinckney	Distribution			
13	Pine Grove - Port Huron	Distribution	40.00	4.80	
14	Pine Grove - Port Huron	Distribution	24.00	4.80	
15	Pine Grove - Port Huron	Distribution			
16	Pingree - Detroit	Distribution	24.00	4.80	
17	Pinnebog - Bad Axe	Distribution	345.00	120.00	
18	Mckinley Wind Park - Pigeon	Distribution	40.00	34.50	
19	Pioneer - Pittsfield Twp	Distribution	120.00	40.00	
20	Pioneer - Pittsfield Twp	Distribution	120.00	13.20	
21	Pioneer - Pittsfield Twp	Distribution			
22	Pittsfield - Ann Arbor	Distribution	40.00	4.80	
23	Placid - Springfield Twp	Distribution	120.00	40.00	
24	Placid - Springfield Twp	Distribution	120.00	13.20	
25	Placid - Springfield Twp	Distribution			
26	Minden Wind Park - Minden	Distribution	40.00	34.50	
27	Pluto - Warren	Distribution	120.00	13.20	
28	Pluto - Warren	Distribution			
29	Plymouth - Plymouth	Distribution	40.00	4.80	
30	Plymouth - Plymouth	Distribution			
31	Polaris - Livonia	Single Customer	120.00	13.20	
32	Pontiac - Orion Twp	Distribution	120.00	13.20	
33	Poplar - Northfield Twp	Distribution	120.00	13.20	
34	Port Austin - Port Austin	Distribution	40.00	4.80	
35	Port Austin - Port Austin	Distribution			
36	Port Hope - Gore Twp	Distribution	40.00	4.80	
37	Port Huron - Port Huron	Distribution	40.00	4.80	
38	Port Huron - Port Huron	Distribution	24.00	4.80	
39	Port Sanilac - Port Sanilac	Distribution	40.00	4.80	
40	Praxair - River Rouge	Single Customer	120.00	13.20	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Press Plant - Warren	Single Customer	24.00	4.80	
2	Price - Ann Arbor	Distribution	40.00	4.80	
3	Prime - Livonia	Single Customer	40.00	13.20	
4	Proctor - Novesta Twp	Distribution	40.00	4.80	
5	Prospect - Superior Twp	Distribution	40.00	4.80	
6	Proud - Milford Twp	Distribution	120.00	40.00	
7	Proud - Milford Twp	Distribution	120.00	13.20	
8	Pulford - Detroit	Distribution	24.00	4.80	
9	Puritan - Detroit	Distribution	24.00	4.80	
10	Placid - Springfield Twp	Distribution	40.00	4.80	
11	Quail - Wisner	Distribution	40.00	4.80	
12	Quaker - Novi	Distribution	120.00	13.20	
13	Quaker - Novi	Distribution			
14	Quarton Road - Birmingham	Distribution	40.00	4.80	
15	Queen - Frenchtown Twp	Distribution	40.00	4.80	
16	Quincy - Fremont Twp	Distribution	40.00	4.80	
17	Ramsey - Clinton	Single Customer	40.00	13.20	
18	Ramville - Warren	Single Customer	120.00	13.20	
19	Randolph - Akron Twp	Distribution			
20	Rapid Street - Pontiac	Distribution	40.00	8.30	
21	Ravine - Farmington Twp	Distribution	40.00	4.80	
22	Ray - Armada	Single Customer	40.00	13.20	
23	Red Run - Warren	Distribution	120.00	40.00	
24	Red Run - Warren	Distribution	120.00	13.20	
25	Red Run - Warren	Distribution			
26	Redford - Detroit	Distribution	40.00	4.80	
27	Redford - Detroit	Distribution	24.00	4.80	
28	Redford - Detroit	Distribution			
29	Reese - Denmark Twp	Distribution	40.00	4.80	
30	Reese - Denmark Twp	Distribution			
31	Regent - Ann Arbor	Distribution	40.00	4.80	
32	Remer - E China Twp	Distribution	120.00	40.00	
33	Remer - E China Twp	Distribution	40.00	13.20	
34	Putnam - Fremont Twp	Distribution	40.00	4.80	
35	Reno - Freedom Twp	Distribution	40.00	4.80	
36	Republic - Monroe	Single Customer	24.00	4.80	
37	Richmond - Richmond Twp	Distribution	40.00	13.20	
38	Richmond - Richmond Twp	Distribution	40.00	4.80	
39	Richmond - Richmond Twp	Distribution			
40	Richville - Denmark Twp	Distribution	40.00	4.80	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	River Raisin - Raisinville Twp	Distribution	40.00	4.80	
2	Riverside - Cottrellville Twp	Distribution	40.00	13.20	
3	Riverview - Riverview	Distribution	120.00	40.00	
4	Riverview - Riverview	Distribution	40.00	4.80	
5	Riverview - Riverview	Distribution			
6	Robin - Dryden Twp	Distribution	120.00	13.20	
7	Rochester - Rochester	Distribution	40.00	4.80	
8	Rockwood - Rockwood	Distribution	40.00	4.80	
9	Rockwood - Rockwood	Distribution			
10	Romeo - Romeo	Distribution	40.00	4.80	
11	Romulus - Romulus Twp	Distribution	120.00	40.00	
12	Romulus - Romulus Twp	Distribution	120.00	13.20	
13	Romulus - Romulus Twp	Distribution			
14	Roosevelt - Monroe	Distribution	24.00	4.80	
15	Roseville - Roseville	Distribution	24.00	4.80	
16	Rotunda - Dearborn	Distribution	230.00	13.20	
17	Rotunda - Dearborn	Distribution			
18	Rush - Watertown Twp	Distribution	120.00	40.00	
19	Rush - Watertown Twp	Distribution	40.00	13.20	
20	Rush - Watertown Twp	Distribution			
21	Salem - Salem Twp	Distribution	40.00	13.20	
22	Salem - Salem Twp	Distribution	40.00	4.80	
23	Saline - Saline	Distribution	40.00	13.20	
24	Saline - Saline	Distribution			
25	Sandusky - Sandusky	Distribution	120.00	40.00	
26	Sandusky - Sandusky	Distribution	40.00	13.20	
27	Sandusky - Sandusky	Distribution	40.00	4.80	
28	Sandusky - Sandusky	Distribution			
29	Sargent - Southfield	Distribution	40.00	13.20	
30	Saturn - Hamtramck	Single Customer	120.00	13.20	
31	Savage - Troy	Distribution	40.00	13.20	
32	Savage - Troy	Distribution			
33	Savannah - Detroit	Distribution	24.00	4.80	
34	Savoy - St Clair Shores	Distribution	40.00	13.20	
35	Saxon - Elk Twp	Distribution	40.00	13.20	
36	Schaefer - Detroit	Single Customer	24.00	4.80	
37	Scotten - Detroit	Distribution	24.00	4.80	
38	Scottsdale - Ypsilanti	Single Customer	120.00	13.20	
39	Seamless Tube - South Lyon	Single Customer	40.00	4.80	
40	Seaside - Harbor Beach	Single Customer	120.00	13.20	

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Sebewaing - Sebewaing Twp	Distribution	40.00	4.80	
2	Sebewaing - Sebewaing Twp	Distribution			
3	Selfridge - Harrison Twp	Distribution	40.00	13.20	
4	Selfridge - Harrison Twp	Single Customer	40.00	4.80	
5	Selkirk - Green Oak Twp	Distribution	120.00	40.00	
6	Selkirk - Green Oak Twp	Distribution	40.00	13.20	
7	Selkirk - Green Oak Twp	Distribution			
8	Seneca - Rochester Hills	Distribution	120.00	13.20	
9	Seneca - Rochester Hills	Distribution			
10	Seville - Frenchtown Twp	Distribution	120.00	13.20	
11	Seville - Frenchtown Twp	Distribution			
12	Seward - Ann Arbor	Single Customer	40.00	13.20	
13	Shaddick - Dearborn	Distribution	24.00	4.80	
14	Shaw - Goodland Twp	Distribution	40.00	4.80	
15	Sheldon - Van Buren Twp	Distribution	40.00	13.20	
16	Sheldon - Van Buren Twp	Single Customer	120.00	13.20	
17	Sherwood - Sumpter Twp	Distribution	40.00	4.80	
18	Shoal - Frenchtown Twp	Distribution	120.00	13.20	
19	Shores - St Clair Shores	Distribution	40.00	4.80	
20	Sidney - Plymouth Twp	Distribution	40.00	13.20	
21	Sidney - Plymouth Twp	Distribution			
22	Superior - Superior Twp	Distribution	40.00	13.20	
23	Simpson - Marysville	Single Customer	40.00	13.20	
24	Six Mile - Redford Twp	Distribution	40.00	4.80	
25	Skylark - Warren	Single Customer	120.00	13.20	
26	Slater - Brockway Twp	Distribution	40.00	4.80	
27	Sloan - Sterling Heights	Distribution	120.00	13.20	
28	Sloan - Sterling Heights	Distribution			
29	Slocum - Trenton	Distribution			
30	Wilmont - Kingston Twp	Distribution	40.00	4.80	
31	Snover - Moore Twp	Distribution	40.00	4.80	
32	South Lyon - South Lyon	Distribution	40.00	4.80	
33	Southfield - Southfield	Distribution	120.00	40.00	
34	Southfield - Southfield	Distribution	120.00	13.20	
35	Southfield - Southfield	Distribution			
36	Spain - Shelby	Distribution	120.00	13.20	
37	Spartan - Woodhaven	Single Customer	40.00	4.80	
38	Spencer - Auburn Hills	Distribution	120.00	13.20	
39	Spencer - Auburn Hills	Distribution			
40	Spokane - Rochester Hills	Distribution	120.00	40.00	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Spokane - Rochester Hills	Distribution	120.00	13.20	
2	Spokane - Rochester Hills	Distribution			
3	Sport - Wayne	Single Customer	120.00	13.20	
4	Spruce - Scio Twp	Distribution	120.00	13.20	
5	Spruce - Scio Twp	Distribution			
6	St Antoine - Detroit	Distribution	120.00	13.20	
7	St Antoine - Detroit	Distribution			
8	St Clair - St Clair	Distribution	40.00	4.80	
9	St Clair PP - East China Twp	Distribution	120.00	13.20	
10	St Louis - Detroit	Distribution	24.00	4.80	
11	Stark - Livonia	Distribution	40.00	4.80	
12	State - Pittsfield Twp	Distribution	40.00	13.20	
13	State - Pittsfield Twp	Distribution			
14	Stephens - Warren	Distribution	120.00	24.00	
15	Stephens - Warren	Distribution	120.00	13.20	
16	Stephens - Warren	Distribution	24.00	4.80	
17	Stephens - Warren	Distribution			
18	Sterling - Sterling Heights	Distribution	120.00	40.00	
19	Sterling - Sterling Heights	Distribution	40.00	13.20	
20	Sterling - Sterling Heights	Distribution			
21	Stockbridge - White Oak Twp	Distribution	40.00	13.20	
22	Stockbridge - White Oak Twp	Distribution	40.00	4.80	
23	Stockwell - Pontiac	Distribution	40.00	8.30	
24	Stoepel - Detroit	Distribution	24.00	4.80	
25	Stone Pool - Detroit	Distribution	120.00	13.20	
26	Stone Pool - Detroit	Distribution			
27	Stratford - Oxford Twp	Distribution	120.00	40.00	
28	Stratford - Oxford Twp	Distribution	120.00	13.20	
29	Sullivan - Elkton	Distribution	40.00	4.80	
30	Sulphite - Pt Huron	Single Customer	40.00	4.80	
31	Sumpster - Sumpster Twp	Distribution	120.00	13.20	
32	Sunbird - Orion Twp	Single Customer	120.00	13.20	
33	Sunset - Farmington Hills	Distribution	120.00	40.00	
34	Sunset - Farmington Hills	Distribution	120.00	13.20	
35	Sunset - Farmington Hills	Distribution			
36	Superior - Superior Twp	Distribution	120.00	40.00	
37	Superior - Superior Twp	Distribution			
38	Northeast - Warren	Distribution	24.00	13.20	
39	Sutton - Clinton Twp	Distribution	40.00	4.80	
40	Swan Creek - Berlin Twp	Distribution	120.00	13.20	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Swift - Rich Twp	Single Customer	40.00	4.80	
2	Syracuse - Taylor	Distribution	40.00	4.80	
3	Tacoma - Maple Valley Twp	Distribution	40.00	13.20	
4	Tacoma - Maple Valley Twp	Distribution			
5	Tahoe - Novi	Distribution	40.00	13.20	
6	Tahoe - Novi	Distribution			
7	Talbot - Minden Twp	Distribution	40.00	13.20	
8	Tamrack - Lyon Twp	Distribution	120.00	13.20	
9	Tamrack - Lyon Twp	Distribution	40.00	13.20	
10	Tamrack - Lyon Twp	Distribution			
11	Tandem - Ecorse	Single Customer	120.00	13.20	
12	Taurus - Woodhaven	Single Customer	120.00	13.20	
13	Taylor - Taylor	Distribution	120.00	13.20	
14	Taylor - Taylor	Distribution			
15	Teggerdine - White Lake Twp	Distribution	40.00	13.20	
16	Teggerdine - White Lake Twp	Distribution			
17	Tempest - Pontiac	Single Customer	120.00	13.20	
18	Temple - Detroit	Distribution	120.00	13.20	
19	Temple - Detroit	Distribution			
20	Tienken - Rochester Hills	Distribution	120.00	13.20	
21	Tienken - Rochester Hills	Distribution			
22	Tiffany - Taylor	Distribution	40.00	13.20	
23	Tipton Metal Prod - Warren	Single Customer	24.00	4.80	
24	Tireman - Detroit	Distribution	24.00	4.80	
25	Titan - Sterling Heights	Single Customer	40.00	4.80	
26	Todd - Webster Twp	Distribution	40.00	4.80	
27	Topaz - Wayne	Single Customer	120.00	13.20	
28	Toyota - Saline	Single Customer	40.00	13.20	
29	Trenton - Trenton	Distribution	40.00	4.80	
30	Trenton - Trenton	Distribution	24.00	4.80	
31	Trenton Channel PP - Trenton	Distribution	120.00	24.00	
32	Trinity - Monroe Twp	Distribution	40.00	13.20	
33	Trinity - Monroe Twp	Distribution	24.00	13.20	
34	Troy - Royal Oak	Distribution	120.00	40.00	
35	Troy - Royal Oak	Distribution			
36	Turner - Detroit	Distribution	24.00	4.80	
37	Tuscola - Indianfields Twp	Distribution	120.00	40.00	
38	Tuscola - Indianfields Twp	Distribution	120.00	13.20	
39	Tuscola - Indianfields Twp	Distribution			
40	Twelve Mile - Royal Oak	Distribution	40.00	4.80	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Twelve Mile - Royal Oak	Distribution	24.00	4.80	
2	Twelve Mile - Royal Oak	Distribution			
3	Union Lake - Waterford Twp	Distribution	40.00	4.80	
4	Unionville - Columbia Twp	Distribution	40.00	4.80	
5	University - Ann Arbor	Single Customer	40.00	13.20	
6	Utah - China Twp	Single Customer	40.00	4.80	
7	Utica - Utica	Distribution	40.00	4.80	
8	Valley - Van Buren Twp	Single Customer	40.00	4.80	
9	Van Dyke - Sterling Heights	Single Customer	120.00	13.20	
10	Venice - Dearborn	Distribution	24.00	4.80	
11	Venoy - Westland	Distribution	120.00	13.20	
12	Venoy - Westland	Distribution			
13	Vernier - Grosse Pte Woods	Distribution	40.00	4.80	
14	Veterans - Ann Arbor	Single Customer	40.00	13.20	
15	Victor - Lenox Twp	Distribution	120.00	40.00	
16	Victor - Lenox Twp	Distribution	120.00	13.20	
17	Victor - Lenox Twp	Distribution			
18	Villa - Redford Twp	Distribution	40.00	4.80	
19	Visteon - Van Buren Twp	Single Customer	120.00	13.20	
20	Vital - Dundee Twp	Single Customer	120.00	13.20	
21	Voyager - Detroit	Single Customer	120.00	13.20	
22	Wabash - Port Huron Twp	Distribution	120.00	40.00	
23	Wabash - Port Huron Twp	Distribution	40.00	13.20	
24	Wabash - Port Huron Twp	Distribution			
25	Wagner - Detroit	Distribution	24.00	4.80	
26	Walker - Detroit	Distribution	24.00	4.80	
27	Walled Lake - Walled Lake	Distribution	40.00	4.80	
28	Walled Lake - Walled Lake	Distribution			
29	Walnut - W Bloomfield Twp	Distribution	40.00	13.20	
30	Walnut - W Bloomfield Twp	Distribution			
31	Walton - Pontiac	Distribution	120.00	40.00	
32	Walton - Pontiac	Distribution	40.00	4.80	
33	Walton - Pontiac	Distribution			
34	Wardlow - Highland Twp	Distribution	40.00	13.20	
35	Wardlow - Highland Twp	Distribution			
36	Warren - Dearborn	Distribution	120.00	24.00	
37	Warren - Dearborn	Distribution	120.00	13.20	
38	Warren - Dearborn	Distribution			
39	Washington - Washington Twp	Distribution	40.00	4.80	
40	Washington - Washington Twp	Distribution			

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Waterford - Waterford Twp	Distribution	40.00	13.20	
2	Waterford - Waterford Twp	Distribution	40.00	4.80	
3	Waterford - Waterford Twp	Distribution			
4	Waterman - Detroit	Distribution	120.00	24.00	
5	Waterman - Detroit	Distribution	24.00	4.80	
6	Wayburn - Detroit	Distribution	24.00	4.80	
7	Wayne - Canton Twp	Distribution	120.00	13.20	
8	Wayne - Canton Twp	Distribution			
9	Webster - Royal Oak	Distribution	40.00	4.80	
10	Webster - Royal Oak	Distribution	24.00	4.80	
11	Wells - Dundee Twp	Single Customer	40.00	4.80	
12	West End - Detroit	Distribution	24.00	4.80	
13	Westchester - Bloomfield Twp	Distribution	40.00	4.80	
14	Westland - Westland	Distribution	40.00	13.20	
15	Westland - Westland	Distribution			
16	Wheeler - Pontiac	Distribution	120.00	13.20	
17	White Lake - White Lake Twp	Distribution	40.00	13.20	
18	White Lake - White Lake Twp	Distribution	40.00	4.80	
19	White Lake - White Lake Twp	Distribution			
20	Whitmore Lake - Northfield Twp	Distribution	40.00	13.20	
21	Whittier - Royal Oak	Distribution	120.00	4.80	
22	Wick - Romulus Twp	Distribution	120.00	13.20	
23	Wick - Romulus Twp	Distribution	40.00	13.20	
24	Wiley - St Clair Twp	Distribution	40.00	4.80	
25	William Rensi - Waterford Twp	Distribution	40.00	4.80	
26	William Rensi - Waterford Twp	Distribution			
27	Williamston - Williamstown Twp	Distribution	40.00	13.20	
28	Williamston - Williamstown Twp	Distribution			
29	Willow Run - Ypsilanti Twp	Single Customer	120.00	13.20	
30	Willow Run - Ypsilanti Twp	Single Customer			
31	Slocum - Trenton	Distribution	24.00	4.80	
32	Wilson - Ash Twp	Distribution	40.00	13.20	
33	Wingate - Van Buren Twp	Single Customer	40.00	13.20	
34	Wixom - Wixom	Distribution	120.00	13.20	
35	Wixom - Wixom	Distribution			
36	Wolcott - Ypsilanti	Single Customer	40.00	4.80	
37	Wolfhill - Brandon Twp	Distribution	40.00	13.20	
38	Wolfhill - Brandon Twp	Distribution			
39	Wolverine - Ann Arbor Twp	Distribution	40.00	13.20	
40	Wooden Track - Port Huron	Distribution	24.00	4.80	

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SUBSTATIONS

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Woodhaven - Woodhaven	Single Customer	120.00	13.20	
2	Woodside - Oak Park	Distribution	40.00	4.80	
3	Woodside - Oak Park	Distribution	24.00	4.80	
4	Worth - Worth Twp	Distribution	40.00	4.80	
5	Worth - Worth Twp	Distribution			
6	Wyoming - Detroit	Distribution	120.00	13.20	
7	Yale - Yale	Distribution	40.00	4.80	
8	Yates - Peck	Distribution	40.00	4.80	
9	York - Pittsfield Twp	Distribution	40.00	4.80	
10	Yost - Livonia	Distribution	120.00	40.00	
11	Yost - Livonia	Distribution	120.00	13.20	
12	Yost - Livonia	Distribution			
13	Ypsilanti - Ypsilanti	Distribution	40.00	4.80	
14	Yuma - Ft Gratiot Twp	Distribution	120.00	40.00	
15	Zachary - Van Buren Twp	Distribution	120.00	13.20	
16	Zebra - Canton Twp	Distribution	120.00	13.20	
17	Zebra - Canton Twp	Distribution			
18	Zenon - Detroit	Distribution	120.00	13.20	4.80
19	Zenon - Detroit	Distribution			
20	Zephyr - Allen Park	Single Customer	120.00	13.20	
21	Zug A - River Rouge	Single Customer	24.00	4.80	
22	Zug B - River Rouge	Single Customer	120.00	13.20	
23					
24	Per instruction 4, refer to the tables in Footnote				
25	Data for the summary of capacity according				
26	to function by primary and secondary voltage.				
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
10	1					1
10	1					2
50	2					3
30	2					4
5	2					5
30	1					6
50	2					7
			Static Capacitor	3	24	8
25	1					9
80	2					10
			Static Capacitor	3	18	11
25	1					12
50	2					13
			Static Capacitor	2	12	14
25	2					15
6	6					16
			Static Capacitor	1	4	17
18	1					18
28	2					19
80	2					20
13	1					21
10	2					22
80	2					23
			Static Capacitor	2	12	24
30	2					25
24	1					26
58	5					27
1	6					28
75	3					29
			Static Capacitor	3	18	30
10	1					31
20	2					32
120	3					33
			Static Capacitor	3	18	34
200	2					35
2	3					36
			Static Capacitor	1	6	37
20	2					38
10	1					39
9	1					40

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
18	3					1
80	2					2
			Static Capacitor	2	12	3
50	2					4
			Static Capacitor	2	12	5
5	1					6
4	1					7
23	2					8
50	1					9
			Static Capacitor	1	6	10
25	2					11
13	1					12
15	2					13
5	1					14
			Static Capacitor	1	6	15
8	1					16
20	2					17
6	1					18
25	1					19
25	1					20
			Static Capacitor	2	12	21
80	2					22
			Static Capacitor	2	12	23
75	1					24
17	2					25
8	2					26
			Static Capacitor	2	13	27
2	1					28
23	2					29
40	2					30
			Static Capacitor	3	24	31
33	3					32
75	1					33
10	1					34
13	1					35
15	2					36
9	1					37
50	2					38
38	3					39
13	1					40

SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
50	2					1
			Static Capacitor	2	12	2
40	2					3
300	2					4
8	1					5
6	6					6
3	1					7
25	1					8
75	1					9
25	1					10
50	2					11
8	1					12
20	2					13
10	1					14
9	1					15
18	2					16
26	2					17
18	2					18
23	2					19
			Static Capacitor	2	17	20
20	2					21
20	2					22
6	1					23
			Static Capacitor	1	5	24
12	2					25
			Static Capacitor	1	7	26
33	3					27
20	2					28
			Static Capacitor	2	19	29
80	2					30
20	2					31
300	3					32
40	2					33
			Static Capacitor	5	102	34
5	1					35
			Static Capacitor	1	5	36
25	1					37
100	1					38
80	2					39
			Static Capacitor	1	18	40

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
5	1					1
50	2					2
2	1					3
25	2					4
25	2					5
			Static Capacitor	1	7	6
23	2					7
12	2					8
50	2					9
200	2					10
			Static Capacitor	2	48	11
80	2					12
			Static Capacitor	2	12	13
50	2					14
			Static Capacitor	2	12	15
3	1					16
250	3					17
50	2					18
			Static Capacitor	1	18	19
13	1					20
50	2					21
			Static Capacitor	2	12	22
150	2					23
100	2					24
8	2					25
30	2					26
8	2					27
			Static Capacitor	1	9	28
25	2					29
25	1					30
50	2					31
33	3					32
20	2					33
5	1					34
8	1					35
5	2					36
40	2					37
12	2					38
50	2					39
23	2					40

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
15	2					1
			Static Capacitor	1	7	2
25	1					3
4	2					4
12	2					5
8	2					6
			Static Capacitor	1	7	7
3	2					8
30	2					9
			Static Capacitor	1	6	10
13	2					11
			Static Capacitor	1	9	12
6	1					13
8	1					14
8	2					15
50	2					16
80	2					17
50	2					18
			Static Capacitor	2	12	19
10	1					20
10	1					21
23	2					22
25	2					23
10	2					24
70	6					25
15	2					26
75	1					27
55	3					28
			Static Capacitor	2	12	29
300	3					30
120	3					31
43	3					32
15	2					33
33	3					34
			Static Capacitor	1	5	35
9	1					36
50	2					37
			Static Capacitor	1	12	38
9	2					39
			Static Capacitor	1	7	40

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
13	1					1
8	1					2
80	2					3
50	2					4
			Static Capacitor	1	18	5
25	1					6
100	1					7
30	2					8
400	2		Generating Transform			9
2	1		Grounding Transforme			10
			Static Capacitor	1	12	11
7	1					12
50	2					13
			Static Capacitor	2	12	14
80	2					15
			Static Capacitor	2	12	16
3	1					17
50	2					18
			Static Capacitor	2	12	19
35	3					20
30	2					21
30	3					22
6	1					23
20	2					24
300	3					25
60	3					26
40	1					27
5	1					28
75	3					29
80	2					30
			Static Capacitor	2	12	31
8	1					32
40	1					33
25	1					34
			Static Capacitor	1	9	35
25	2					36
20	2					37
150	2					38
80	5					39
23	2					40

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SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
			Static Capacitor	2	31	1
50	2					2
13	1					3
12	2					4
30	2					5
65	3					6
			Static Capacitor	4	25	7
150	2					8
15	2					9
			Static Capacitor	2	25	10
25	1					11
25	1					12
200	2		Generating Transform			13
23	2					14
10	1					15
20	2					16
112	1		Generating Transform			17
20	2					18
33	3					19
25	2					20
			Static Capacitor	1	7	21
30	2					22
			Static Capacitor	2	12	23
3	1					24
38	2					25
			Static Capacitor	2	14	26
80	2					27
30	2					28
38	2					29
5	2					30
50	1					31
50	2					32
50	2					33
80	2					34
			Static Capacitor	2	12	35
25	1					36
50	2					37
			Static Capacitor	3	18	38
20	2					39
30	2					40

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SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
23	2					1
			Static Capacitor	2	9	2
10	1					3
10	1					4
80	2					5
80	2					6
			Static Capacitor	2	12	7
30	3					8
85	1		Generating Transform			9
70	3		Generating Transform			10
13	1					11
20	2					12
13	1					13
20	2					14
33	3					15
3	1					16
			Static Capacitor	1	5	17
15	2					18
12	2					19
			Static Capacitor	1	10	20
200	2					21
50	2					22
			Static Capacitor	2	36	23
15	2					24
3	1					25
30	3					26
76	2					27
300	3					28
45	2					29
25	2					30
			Static Capacitor	2	54	31
275	3					32
20	2					33
300	3					34
80	6					35
43	4					36
			Static Capacitor	4	84	37
80	2					38
30	2					39
3	1					40

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
20	2					1
23	2					2
12	2					3
30	2					4
20	2					5
			Static Capacitor	2	19	6
50	2					7
20	2					8
20	2					9
			Static Capacitor	1	9	10
50	2					11
			Static Capacitor	2	6	12
20	2					13
23	2					14
			Static Capacitor	1	9	15
8	2					16
9	2					17
73	4					18
			Static Capacitor	1	12	19
5	1					20
50	2					21
			Static Capacitor	2	12	22
23	2					23
75	3					24
1	3					25
50	2					26
			Static Capacitor	2	6	27
6	4					28
			Static Capacitor	1	6	29
20	2					30
19	2					31
35	3					32
10	1					33
8	1					34
3	3					35
			Static Capacitor	1	12	36
300	3					37
40	4					38
23	2					39
8	2					40

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
50	2					1
3	1					2
			Static Capacitor	1	5	3
18	2					4
58	4					5
20	2					6
23	2					7
8	1					8
30	3					9
150	2					10
25	1					11
13	1					12
			Static Capacitor	2	36	13
15	2					14
50	2					15
			Static Capacitor	2	12	16
50	2					17
			Static Capacitor	3	11	18
38	3					19
3	1					20
120	3					21
			Static Capacitor	3	18	22
50	2					23
			Static Capacitor	1	12	24
2	4					25
40	4					26
20	2					27
80	2					28
			Static Capacitor	2	12	29
20	2					30
20	2					31
100	4					32
20	2					33
40	4					34
20	2					35
50	2					36
48	3					37
300	2					38
8	1					39
35	2					40

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SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
15	2					1
			Static Capacitor	2	18	2
13	1					3
30	3					4
13	1					5
26	2					6
			Static Capacitor	1	6	7
20	2					8
20	2					9
120	3					10
			Static Capacitor	3	18	11
25	2					12
			Static Capacitor	1	7	13
80	2					14
			Static Capacitor	2	12	15
150	2					16
80	2					17
60	1		Generating Transform			18
15	1		Generating Transform			19
			Static Capacitor	5	72	20
15	2					21
15	2					22
50	1					23
30	3					24
			Static Capacitor	1	6	25
20	1					26
19	2					27
13	1					28
10	1					29
25	1					30
36	2					31
30	3					32
40	3					33
23	2					34
50	2					35
20	2					36
15	2					37
23	2					38
80	2					39
			Static Capacitor	2	12	40

SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
170	3					1
80	2					2
			Static Capacitor	5	66	3
13	2					4
			Static Capacitor	1	9	5
25	2					6
25	1					7
23	3					8
			Static Capacitor	2	21	9
19	2					10
71	7					11
25	2					12
			Static Capacitor	1	7	13
105	2					14
9	1					15
75	1					16
50	2					17
3	1					18
12	2					19
			Static Capacitor	1	12	20
23	2					21
50	2					22
17	2					23
20	1					24
3	2					25
			Static Capacitor	1	5	26
195	3					27
			Static Capacitor	1	18	28
22	2					29
3	1					30
5	2					31
50	2					32
			Static Capacitor	2	12	33
4	1					34
40	2					35
50	2					36
30	2					37
			Static Capacitor	2	12	38
3	3					39
75	3					40

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SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
			Static Capacitor	3	18	1
2	1					2
19	2					3
80	2					4
			Static Capacitor	2	12	5
13	1					6
80	2					7
			Static Capacitor	2	12	8
12	2					9
18	2					10
			Static Capacitor	1	10	11
20	2					12
10	1					13
10	1					14
50	2					15
			Static Capacitor	1	10	16
23	2					17
50	2					18
50	2					19
9	1					20
6	6					21
1	3					22
80	2					23
			Static Capacitor	2	12	24
10	1					25
23	2					26
20	2					27
3	1					28
13	1					29
10	1					30
20	2					31
55	3					32
30	2					33
50	2					34
10	2					35
			Static Capacitor	2	9	36
50	2					37
			Static Capacitor	2	12	38
30	1					39
			Static Capacitor	1	12	40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
23	2					1
10	1					2
8	2					3
160	4					4
75	1					5
			Static Capacitor	1	5	6
20	2					7
13	1					8
80	2					9
5	1					10
3	1					11
20	2					12
15	2					13
			Static Capacitor	1	6	14
80	2					15
			Static Capacitor	2	12	16
15	2					17
			Static Capacitor	1	5	18
220	3					19
40	4					20
			Static Capacitor	4	66	21
12	2					22
8	2					23
75	3					24
			Static Capacitor	3	15	25
80	2					26
75	3					27
			Static Capacitor	2	22	28
50	2					29
			Static Capacitor	2	12	30
50	2					31
60	6					32
25	1					33
15	1					34
			Static Capacitor	1	10	35
43	4					36
200	2					37
50	2					38
			Static Capacitor	3	54	39
200	2					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
80	2					1
			Static Capacitor	5	66	2
5	1					3
			Static Capacitor	1	5	4
50	5					5
100	1					6
8	1					7
50	2					8
			Static Capacitor	2	6	9
120	3					10
			Static Capacitor	3	18	11
35	3					12
25	2					13
13	2					14
			Static Capacitor	1	7	15
25	1					16
5	1					17
11	2					18
			Static Capacitor	1	5	19
50	2					20
55	3					21
			Static Capacitor	3	15	22
40	1					23
5	1					24
6	1					25
3	1					26
50	2					27
50	2					28
40	4					29
75	1		Generating Transform			30
41	3					31
150	2					32
80	2					33
			Static Capacitor	2	12	34
26	2					35
36	2					36
50	2					37
50	2					38
25	2					39
8	1					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
10	1					1
3	1					2
33	3					3
26	2					4
20	2					5
50	2					6
			Static Capacitor	2	9	7
25	1					8
50	2					9
			Static Capacitor	3	24	10
6	1					11
6	1					12
5	1					13
3	1					14
14	1		Generating Transform			15
19	2					16
15	2					17
23	2					18
			Static Capacitor	1	10	19
16	1					20
15	2					21
50	1					22
80	2					23
25	2					24
50	2					25
20	2					26
20	2					27
65	2					28
1	2					29
18	2					30
4	1					31
275	4					32
35	3					33
			Static Capacitor	5	88	34
8	2					35
			Static Capacitor	1	6	36
10	2					37
19	2					38
9	2					39
3	1					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
12	2					1
225	3					2
25	1					3
30	2					4
			Static Capacitor	5	66	5
2	3					6
25	1					7
30	3					8
75	3					9
			Static Capacitor	4	19	10
50	2					11
50	2					12
			Static Capacitor	2	12	13
5	1					14
6	1					15
			Static Capacitor	1	7	16
300	3					17
50	1		Generating Transform			18
			Static Capacitor	6	102	19
50	2					20
90	2		Generating Transform			21
55	3					22
23	2					23
10	1					24
50	2					25
8	1					26
			Static Capacitor	1	7	27
300	4					28
60	4					29
			Static Capacitor	4	120	30
20	2					31
8	2					32
36	2					33
			Static Capacitor	1	9	34
3	1					35
20	2					36
10	1					37
96	2					38
			Static Capacitor	2	12	39
30	2					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
30	2					1
5	1					2
20	2					3
33	3					4
17	2					5
3	3					6
50	2					7
			Static Capacitor	2	9	8
30	2					9
6	1					10
			Static Capacitor	1	5	11
40	4					12
15	2					13
30	2					14
			Static Capacitor	1	7	15
25	1					16
50	2					17
15	1					18
75	1					19
20	2					20
			Static Capacitor	1	7	21
80	2					22
			Static Capacitor	2	12	23
3	1					24
20	2					25
2	1					26
15	2					27
			Static Capacitor	1	12	28
8	1					29
10	2					30
40	2					31
			Static Capacitor	1	12	32
10	2					33
20	2					34
50	2					35
			Static Capacitor	1	6	36
30	2					37
8	2					38
			Static Capacitor	2	11	39
2	1					40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
50	2					1
			Static Capacitor	2	9	2
10	1					3
200	2					4
50	2					5
			Static Capacitor	4	72	6
8	1					7
25	2					8
20	2					9
			Static Capacitor	1	5	10
50	2					11
			Static Capacitor	1	9	12
9	1					13
18	2					14
			Static Capacitor	1	5	15
14	2					16
230	1					17
20	1		Generating Transform			18
150	2					19
80	2					20
			Static Capacitor	4	45	21
26	2					22
200	2					23
15	2					24
			Static Capacitor	1	18	25
50	1		Generating Transform			26
50	2					27
			Static Capacitor	2	12	28
25	2					29
			Static Capacitor	2	19	30
25	1					31
50	2					32
25	1					33
7	4					34
			Static Capacitor	1	5	35
4	1					36
10	1					37
7	1					38
3	1					39
245	7					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
38	3					1
15	2					2
13	1					3
3	1					4
3	1					5
75	1					6
25	1					7
45	4					8
35	3					9
14	1		Generating Transform			10
2	1					11
65	2					12
			Static Capacitor	2	12	13
15	2					14
5	2					15
2	1					16
5	2					17
50	2					18
			Bus			19
20	2					20
23	2					21
5	1					22
225	3					23
50	2					24
			Static Capacitor	3	54	25
10	1					26
18	2					27
			Static Capacitor	2	18	28
4	1					29
			Static Capacitor	1	5	30
20	2					31
175	2					32
50	2					33
14	1		Generating Transform			34
3	2					35
33	3					36
8	1					37
12	2					38
			Static Capacitor	1	10	39
3	1					40

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
3	2					1
5	1					2
150	2					3
10	2					4
			Static Capacitor	2	36	5
33	2					6
23	2					7
8	2					8
			Static Capacitor	1	10	9
13	2					10
200	2					11
8	1					12
			Static Capacitor	1	12	13
18	3					14
30	3					15
80	2					16
			Static Capacitor	2	12	17
50	1					18
5	1					19
			Static Capacitor	1	7	20
8	1					21
3	3					22
50	2					23
			Static Capacitor	3	22	24
75	1					25
8	1					26
5	2					27
			Static Capacitor	1	7	28
50	2					29
80	2					30
55	3					31
			Static Capacitor	3	18	32
33	3					33
30	2					34
3	1					35
19	2					36
40	4					37
8	1					38
8	1					39
50	2					40

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
4	1					1
			Static Capacitor	2	12	2
5	1					3
19	2					4
50	1					5
50	2					6
			Static Capacitor	3	19	7
50	2					8
			Static Capacitor	2	12	9
50	2					10
			Static Capacitor	2	6	11
5	1					12
18	2					13
3	1					14
50	2					15
8	1					16
6	1					17
50	2					18
30	3					19
50	2					20
			Static Capacitor	1	7	21
68	1		Generating Transform			22
10	2					23
25	2					24
120	3					25
3	1					26
80	2					27
			Static Capacitor	2	12	28
			Static Capacitor	2	31	29
14	1		Generating Transform			30
3	1					31
9	2					32
300	3					33
120	3					34
			Static Capacitor	5	78	35
13	1					36
2	1					37
80	2					38
			Static Capacitor	2	12	39
200	2					40

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
120	3					1
			Static Capacitor	4	48	2
50	2					3
50	2					4
			Static Capacitor	2	12	5
120	3					6
			Static Capacitor	3	18	7
10	2					8
20	1					9
40	4					10
20	2					11
50	2					12
			Static Capacitor	1	7	13
195	3					14
50	2					15
20	2					16
			Static Capacitor	5	66	17
225	3					18
75	3					19
			Static Capacitor	6	54	20
2	1					21
3	1					22
20	2					23
36	4					24
120	3					25
			Static Capacitor	4	24	26
200	2					27
50	2					28
3	1					29
25	2					30
9	1					31
80	2					32
200	2					33
80	2					34
			Static Capacitor	4	60	35
195	3					36
			Static Capacitor	3	66	37
68	1		Generating Transform			38
20	2					39
19	2					40

SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
5	1					1
38	3					2
5	1					3
			Static Capacitor	1	6	4
50	2					5
			Static Capacitor	2	12	6
5	1					7
25	1					8
50	2					9
			Static Capacitor	3	18	10
120	3					11
25	1					12
80	2					13
			Static Capacitor	2	12	14
50	2					15
			Static Capacitor	3	18	16
80	2					17
120	3					18
			Static Capacitor	4	24	19
50	2					20
			Static Capacitor	2	12	21
30	2					22
12	2					23
28	3					24
19	2					25
3	1					26
80	2					27
25	1					28
9	1					29
13	1					30
150	2					31
15	1					32
10	1					33
400	4					34
			Static Capacitor	4	120	35
28	3					36
50	1					37
50	2					38
			Static Capacitor	2	13	39
10	1					40

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
10	1					1
			Static Capacitor	1	9	2
25	2					3
2	3					4
75	3					5
1	3					6
38	2					7
3	1					8
80	2					9
35	3					10
50	2					11
			Static Capacitor	2	9	12
38	3					13
25	2					14
175	2					15
50	2					16
			Static Capacitor	2	36	17
40	2					18
9	1					19
50	2					20
80	2					21
150	2					22
50	2					23
			Static Capacitor	1	18	24
30	3					25
50	5					26
12	2					27
			Static Capacitor	1	7	28
50	2					29
			Static Capacitor	2	12	30
200	2					31
15	2					32
			Static Capacitor	2	48	33
23	2					34
			Static Capacitor	1	7	35
300	4					36
50	2					37
			Static Capacitor	5	100	38
12	2					39
			Static Capacitor	1	7	40

SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
30	2					1
15	2					2
			Static Capacitor	1	9	3
300	3					4
4	1					5
30	3					6
120	3					7
			Static Capacitor	3	18	8
30	2					9
10	1					10
13	1					11
33	3					12
20	2					13
40	2					14
			Static Capacitor	2	12	15
130	4					16
10	1					17
8	1					18
			Static Capacitor	1	10	19
23	2					20
50	2					21
25	1					22
50	2					23
10	2					24
15	2					25
			Static Capacitor	1	9	26
40	2					27
			Static Capacitor	2	6	28
75	3					29
			Static Capacitor	6	36	30
14	1		Generating Transform			31
13	1					32
10	2					33
80	2					34
			Static Capacitor	2	12	35
6	1					36
23	2					37
			Static Capacitor	1	10	38
30	2					39
12	2					40

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report End of 2019/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
50	2					1
13	1					2
23	2					3
3	1					4
			Static Capacitor	1	7	5
8	1					6
9	4					7
3	1					8
11	2					9
75	1					10
80	2					11
			Static Capacitor	3	18	12
15	2					13
40	1					14
19	2					15
80	2					16
			Static Capacitor	2	12	17
80	2					18
			Static Capacitor	2	6	19
80	2					20
20	2					21
50	2					22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
						40

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Schedule Page: 426.26 Line No.: 24 Column: a

Table 1 shows the total MVA capacity for distribution substations based on the voltage on the primary side of the transformer (high voltage) and on the secondary side of the transformer (low voltage).

Pg 450 Table 1

				A	= A - B	B
	HV	LV	Character	2018 MVA	Change MVA	2019 MVA
1	345,000	120,000	Distribution	230.0	0.0	230.0
2	345,000	13,200	Distribution	600.0	0.0	600.0
3	230,000	13,200	Distribution	80.0	0.0	80.0
4	120,000	40,000	Distribution	8,675.0	-200.0	8,875.0
5	120,000	34,500	Distribution	247.0	0.0	247.0
6	120,000	24,000	Distribution	3,320.0	0.0	3,320.0
7	120,000	13,200/4,800	Distribution	80.0	0.0	80.0
8	120,000	13,200	Distribution	7,784.6	-65.9	7,850.5
9	120,000	4,800	Distribution	175.0	0.0	175.0
10	40,000	34,500	Distribution	120.0	0.0	120.0
11	40,000	24,000	Distribution	295.0	0.0	295.0
12	40,000	13,200	Distribution	4,837.0	-22.5	4,859.5
13	40,000	8,300	Distribution	62.5	0.0	62.5
14	40,000	4,800	Distribution	2,895.9	-20.6	2,916.5
15	40,000	2,400	Distribution	0.0	0.0	0.0
16	24,000	13,200	Distribution	123.0	0.0	123.0
17	24,000	6,900	Distribution	0.0	0.0	0.0
18	24,000	4,800	Distribution	2,378.2	35.0	2,343.2
19	24,000	480	Distribution	0.0	0.0	0.0
20	24,000	240	Distribution	0.0	0.0	0.0
21	13,200	6,900	Distribution	0.0	0.0	0.0
22	13,200	4,800	Distribution	15.7	0.0	15.7
				31,918.9	-274.0	32,192.9

Schedule Page: 426.26 Line No.: 25 Column: a

Table 2 shows the total MVA capacity for single customer substations based on the voltage on the primary side of the transformer (high voltage) and on the secondary side of the transformer (low voltage).

Pg 450 Table 2

				A	= A - B	B
	HV	LV	Character	2018 MVA	Change MVA	2019 MVA
1	120,000	Cust Volt	Single Customer	2,905.0	-92.5	2,997.5
2	40,000	Cust Volt	Single Customer	1,106.6	-7.5	1,114.1
3	24,000	Cust Volt	Single Customer	682.3	10.0	672.3
4	13,200	Cust Volt	Single Customer	48.0	0.0	48.0
				4,741.9	-90.0	4,831.9

Schedule Page: 426.26 Line No.: 26 Column: a

Table 3 shows the total MVA capacity from peaking power plants (peakers) as well as DTE owned wind parks in the DTE Electric service territory. The MVA in this table are also included in Table 1.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2020	Year/Period of Report 2019/Q4
DTE Electric Company			
FOOTNOTE DATA			

Pg 450 Table 3 (Included in Pg 450 Table 1)			A	= A - B	B
	HV	Name and Location	2018 MVA	Change MVA	2019 MVA
1	120,000	Dean - East China Twp	400.0	0.0	400.0
2	120,000	Delray Peakers - Detroit	200.0	0.0	200.0
3	120,000	Echo Wind Park - Elkton	112.0	0.0	112.0
4	120,000	Hancock - Commerce Twp	85.0	0.0	85.0
5	120,000	Northeast - Warren	70.0	0.0	70.0
6	120,000	Pinnebog - Bad Axe	60.0	0.0	60.0
7	120,000	Remer - E China Twp	15.0	0.0	15.0
8	120,000	Sigel Wind Park - Harbor Beach	75.0	0.0	75.0
9	40,000	Colfax - Handy Twp	14.0	0.0	14.0
10	40,000	Echo Wind Park - Elkton	50.0	0.0	50.0
11	40,000	Hancock - Commerce Twp	90.0	0.0	90.0
12	40,000	Mckinley Wind Park - Pigeon	20.0	0.0	20.0
13	40,000	Minden Wind Park - Minden	50.0	0.0	50.0
14	40,000	Placid - Springfield Twp	14.0	0.0	14.0
15	40,000	Putnam - Fremont Twp	14.0	0.0	14.0
16	40,000	Superior - Superior Twp	68.0	0.0	68.0
17	40,000	Wilmont - Kingston Twp	14.0	0.0	14.0
18	24,000	Northeast - Warren	68.0	0.0	68.0
19	24,000	Slocum - Trenton	14.0	0.0	14.0
			1,433.0	0.0	1,433.0

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

ELECTRIC DISTRIBUTION METERS AND LINE TRANSFORMERS

1. Report below the information called for concerning distribution watt-hour meters and line transformers.
2. Include watt-hour demand distribution meters, but not external demand meters.
3. Show in a footnote the number of distribution watt-hour meters or line transformers held by the respondent under lease from others, jointly owned with others, or held otherwise than by reason of sole ownership by the respondent. If 500 or more meters or line transformers are held under a lease, give name of lessor, date and period of lease, and annual rent. If 500 or more meters or line transformers are held other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of accounting for expenses between the parties, and state amounts and accounts affected in respondent's book of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Item	Number of Watt-Hours Meters	LINE TRANSFORMERS	
			Number	Total Capacity (In Mva)
	(a)	(b)	(c)	(d)
1	Number at Beginning of Year	2,626,531		
2	Additions During Year			
3	Purchases	32,622		
4	Associated with Utility Plant Acquired			
5	TOTAL Additions (Enter Total of lines 3 and 4)	32,622		
6	Reduction During Year			
7	Retirements	31,994		
8	Associated with Utility Plant Sold			
9	TOTAL Reductions (Enter Total of lines 7 and 8)	31,994		
10	Number at End of Year (Lines 1+ 5 - 9)	2,627,159		
11	In Stock	31,448		
12	Locked Meters on Customers' Premises	47,469		
13	Inactive Transformers on System			
14	In Customers' Use	2,547,356		
15	In Company's Use	886		
16	Total End of Year (Enter Total of lines 11 to 15. This line should equal line 10)	2,627,159		

Name of Respondent	This Report Is:	Date of Report	Year of Report
DTE Electric Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	2019/Q4

ENVIRONMENTAL PROTECTION FACILITIES

1. For purposes of this response, environmental protection facilities shall be defined as any building, structure, equipment, facility or, improvement designed and constructed solely for control, reduction, prevention or abatement of discharges or releases into the environment of gaseous, liquid, or solid substances, heat, noise or for the control, reduction, prevention, or abatement of any other adverse impact of an activity on the environment.

2. Report the differences in cost of facilities installed for environmental considerations over the cost of alternative facilities which would otherwise be used without environmental considerations. Use the best engineering design achievable without environmental restrictions as the basis for determining costs without environmental considerations. It is not intended that special design studies be made for purposes of this response. Base the response on the best engineering judgment where direct comparisons are not available.

Include in these differences in costs the costs or estimated costs of environmental protection facilities in service, constructed or modified in connection with the production, transmission, and distribution of electrical energy and shall be reported herein for all such environmental facilities placed in service on or after January 1, 1969, so long as it is readily determinable that such facilities were constructed or modified for environmental rather than operational purposes. Also report similar expenditures for environmental plant included in construction work in progress. Estimate the cost of facilities when the original cost is not available or facilities are jointly owned with another utility, provided the respondent explains the basis of such estimations.

Examples of these costs would include a portion of the costs of tall smokestacks, underground lines, and landscaped substations. Explain such costs in a footnote.

3. In the cost of facilities reported on this page, include an estimated portion of the cost of plant that is or will be used to provide power to operate associated environmental protection facilities. These cost may be estimated on a percentage of plant basis. Explain such estimations in a footnote.

4. Report all costs under the major classifications provided below and include, as a minimum, the items listed hereunder:

A. Air pollution control facilities:

- (1) Scrubbers, precipitators, tall smokestacks, etc.
- (2) Changes necessary to accommodate use of environmentally clean fuels such as low ash or low sulfur fuels including storage and handling equipment.
- (3) Monitoring equipment
- (4) Other.

B. Water pollution control facilities:

- (1) Cooling towers, ponds, piping, pumps, etc.
- (2) Waste water treatment equipment
- (3) Sanitary waste disposal equipment
- (4) Oil interceptors
- (5) Sediment control facilities
- (6) Monitoring equipment
- (7) Other.

C. Solid waste disposal costs:

- (1) Ash handling and disposal equipment
- (2) Land
- (3) Settling ponds
- (4) Other.

D. Noise abatement equipment:

- (1) Structures
- (2) Mufflers
- (3) Sound proofing equipment
- (4) Monitoring equipment
- (5) Other.

E. Esthetic costs:

- (1) Architectural costs
- (2) Towers
- (3) Underground lines
- (4) Landscaping
- (5) Other.

F. Additional plant capacity necessary due to restricted output from existing facilities, or addition of pollution control facilities.

G. Miscellaneous:

- (1) Preparation of environmental reports
- (2) Fish and wildlife plants included in Accounts 330, 331, 332, and 335
- (3) Parks and related facilities
- (4) Other.

5. In those instances when costs are composites of both actual supportable costs and estimates of costs, specify in column (f) the actual costs that are included in column (e).

6. Report construction work in progress relating to environmental facilities at line 9.

Line No.	Classification of Cost	Additions	Retirements	Adjustments	Balance at End of Year	Actual Cost
	(a)	(b)	(c)	(d)	(e)	(f)
1	Air Pollution Control Facilities	3,294,877	(25,607,432)	-	3,451,620,673	3,451,620,673
2	Water Pollution Control Facilities	654,452	(1,026,324)	-	242,965,639	242,965,639
3	Solid Waste Disposal Costs	-	(430,071)	-	79,211,904	79,211,904
4	Noise Abatement Equipment	-	-	-	378,840	378,840
5	Esthetic Costs	-	-	-	574,590	574,590
6	Additional Plant Capacity					
7	Miscellaneous (Identify significant)					
8	TOTAL (Total of lines 1 thru 7)	3,949,329	(27,063,827)	-	3,774,751,646	3,774,751,646
9	Construction work in progress				24,053	24,053

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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ENVIRONMENTAL PROTECTION EXPENSES

1. Show below expenses incurred in connection with the use of environmental protection facilities, the cost of which are reported on page 430. Where it is necessary that allocations and/or estimates of costs be made, state the basis or method used.

2. Include below the costs incurred due to the operation of environmental protection equipment, facilities, and programs.

3. Report expenses under the subheadings listed below.

4. Under item 6 report the difference in cost between environmentally clean fuels and the alternative fuels that would otherwise be used and are available for use.

5. Under item 7 include the cost of replacement power, purchased or generated, to compensate for the deficiency in output from existing plants due to the

addition of pollution control equipment, use of alternate environmentally preferable fuels or environmental regulations of governmental bodies. Base the price of replacement power purchased on the average system price of purchased power if the actual cost of such replacement power is not known. Price internally generated replacement power at the system average cost of power generated if the actual cost of specific replacement generation is not known.

6. Under item 8 include ad valorem and other taxes assessed directly on or directly relatable to environmental facilities. Also include under item 8 licensing and similar fees on such facilities.

7. In those instances where expenses are composed of both actual supportable data and estimates of costs, specify in column (c) the actual expenses that are included in column (b).

Line No.	Classification of Expenses (a)	Amount (b)	Actual Expenses (c)
1	Depreciation	118,932,799	118,932,799
2	Labor, Maintenance, Materials, and Supplies Cost Related to Env. Facilities and Programs	34,203,550	28,518,138
3	Fuel Related Costs		
4	Operation of Facilities	3,371,824	3,371,824
5	Fly Ash and Sulfur Sludge Removal	(3,635,981)	(3,635,981)
6	Difference in Cost of Environmentally Clean Fuels		
7	Replacement Power Costs		
8	Taxes and Fees		
9	Administrative and General		
10	Other (Identify significant)		
11	TOTAL	152,872,192	147,186,780

Schedule Page: 431 Line No. 2 Column: b

Includes expenses associated with the Fermi 2 nuclear power plant. These expenses are estimates derived by multiplying specific operating expenses by the percentage of the plant assets associated with environmental protection facilities as reported on page 430.

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
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RENEWABLE ENERGY RESOURCES						
1. Renewable energy means electricity generated using a renewable energy system		4. In those instances when costs are composites of both actual supportable costs and estimates of costs, specify in column (f) the actual costs that are included in column (e).				
2. Report all costs of renewable energy resources under the major classifications provided below and include, as a minimum, the items listed hereunder: A. Biomass B. Solar C. Solar Thermal D. Wind Energy E. Kinetic energy of moving water including: i. Waves, tides or currents ii. Water released through a dam F. Geothermal Energy G. Municipal Solid Waste H. Landfill gas produced by municipal solid waste I. Other		5. Report construction work in progress relating to renewable energy resources at line 11.				

Line No.	Classification of Cost (a)	Additions (b)	Retirements (c)	Adjustments (d)	Balance at End of Year (e)	Actual Cost (f)
1	Biomass					
2	Solar	129,545			161,516,800	161,516,800
3	Solar Thermal					
4	Wind Energy	273,127,909	(3,852,403)		1,298,043,175	1,298,043,175
5	Kinetic energy of moving water					
6	Geothermal Energy					
7	Municipal Solid Waste					
8	Landfill gas produced by municipal solid waste					
9	Other					
10	TOTAL (Total of lines 1 thru 9)	273,257,454	(3,852,403)	-	1,459,559,975	1,459,559,975
11	Construction work in progress	75,682,344		(277,840,912)	63,812,149	63,812,149
(d) adjustment for construction work in progress is transfer to Plant in Service						

Name of Respondent DTE Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2019/Q4
RENEWABLE ENERGY RESOURCE EXPENSES			
<p>1. Show below expenses incurred in connection with the use of renewable energy resources, the cost of which are reported on page 432. Where it is necessary that allocations and/or estimates of costs be made, state the basis or method used.</p> <p>2. Include below the costs incurred due to the operation of renewable energy equipment, facilities, and programs.</p> <p>3. Item 6 subject to MCL460.1047(3)</p> <p>4. Under item 7 include ad valorem and other taxes assessed directly on or directly relatable to environmental facilities. Also include under item 7 licensing and similar fees on such facilities.</p> <p>6. In those instances where expenses are composed of both actual supportable data and estimates of costs, specify in column (c) the actual expenses that are included in column (b).</p>			
Line No.	Classification of Expenses (a)	Amount (b)	Actual Expenses (c)
1	Depreciation	52,069,456	52,069,456
2	Labor, Maintenance, Materials, and Supplies Cost Related to Renewable Energy Resources	15,766,786	15,766,786
3	Financing Costs		
4	Ancillary to ensure Quality/Reliability		
5	Renewable Energy Credits	8,400,014	8,400,014
6	Interest on Regulatory Liability (asset)		
7	Taxes and Fees (include credits)	11,398,750	11,398,750
8	Administrative and General	12,559,623	12,559,623
9	Other (Benefits 1,198,755, Payroll Tax 278,717, Royalties 2,725,685, Insurance 835,400)	8,786,836	8,786,836
10	TOTAL	108,981,465	108,981,465