## RATE SCHEDULE NO. D1 RESIDENTIAL SERVICE RATE – NON-TRANSMITTING METER

**AVAILABILITY OF SERVICE:** Available to customers desiring service for all residential purposes through one meter to a single or double occupancy dwelling unit including farm dwellings. A dwelling unit consists of a kitchen, bathroom, and heating facilities connected on a permanent basis. Service to appurtenant buildings may be taken on the same meter.

This rate is not available for common areas of separately metered apartments and condominium complexes, nor to a separate meter which serves a garage, boat well or other non-dwelling applications. *T*his rate is only available for residential customers with a non-transmitting meter.

### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

### **RATE PER DAY:**

### Full Service Customers:

Power Supply Charges:

Capacity Energy Charges:

*3.110¢* per kWh for the first 17 kWh per day *4.484¢* per kWh for excess over 17 kWh per day

Non-Capacity Energy Charge: 5.655¢ per kWh for all kWh

### **Delivery Charges:**

Service Charge:	\$8.50 per month
Distribution Charge:	<b>8.907¢</b> per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Sections C8.5 and C9.8. Applies only to actual consumption and not to the minimum charge.

## **Retail Access Service Customers:**

Power Supply Charges for Retail Access Customers taking Utility Capacity service for DTE:<br/>Capacity Energy Charges:3.110¢ per kWh for the first 17 kWh per day<br/>4.484¢ per kWh for excess over 17 kWh

### **Delivery Charges:**

Service Charge: Distribution Charge: \$8.50 per month **8.907¢** per kWh for all kWh

(Continued on Sheet No. D-2.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-1.00)

### **RATE SCHEDULE NO. D1** (Contd.) **RESIDENTIAL SERVICE RATE – NON-TRANSMITTING METER**

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Applies only to actual consumption and not to the minimum charge. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Sections C8.5.

BILLING FREQUENCY: Based on a nominal 30-day month. See Section C4.5.

- MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.
- **CONTRACT TERM:** Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

LATE PAYMENT CHARGE: See Section C4.8.

**INTERRUPTIBLE SPACE-CONDITIONING PROVISION:** Rate D1.1 is available on an optional basis.

- **WATER HEATING SERVICE:** Water heating service is available on an optional basis. See Schedule Designation No. D5.
- **INCOME ASSISTANCE SERVICE PROVISION (RIA):** When service is supplied to a Principal Residence Customer, where the household receives a Home Heating Credit (HHC) in the State of Michigan, a credit shall be applied during all billing months. For an income assistance customer to qualify for this credit, the Company shall require annual evidence of the HHC energy draft or warrant. The customer may also qualify for this credit upon confirmation by an authorized State or Federal agency verifying that the customer's total household income does not exceed 150% of the poverty level as published by the United States department of health and human services or if the customer receives any of the following: i) Assistance from a state emergency relief program; ii) Food stamps or iii) Medicaid. *If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.*

The monthly credit for the residential Income Assistance Service Provision shall be applied as follows:

Delivery Charges: These charges are applicable to Full Service and Retail Open Access customers. Income Assistance Credit: \$(8.50) per customer per month

LOW INCOME ASSISTANCE CREDIT PILOT: This credit is available to up to an annual average of 32,000 qualifying customers taking service under an applicable residential rate schedule. This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Senior Citizen Provision. In addition to the income verification methods listed above, a customer may qualify for the Low-Income Assistance Credit Pilot with proof of Enrollment in the Company's affordable payment plan as sanctioned under the Michigan Energy Assistance Program (MEAP) or having received one-time MEAP assistance in the past 12 months. If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

(Continued from Sheet No. D-2.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michiga	n Public Service
Co	ommission
March	11, 2025
Fil	ed by: DW

Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-2.00)

### **RATE SCHEDULE NO. D1** (Contd.) **RESIDENTIAL SERVICE RATE – NON-TRANSMITTING METER**

LOW INCOME ASSISTANCE CREDIT PILOT (contd.):

The monthly credit for the residential Low Income Assistance Credit shall be applied as follows:

Income Assistance Credit: \$(50.00) per meter per month

If a credit balance occurs, the credit shall apply to the customer's future utility Charges.

**RESIDENTIAL SERVICE SENIOR CITIZEN PROVISION:** When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months. The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Delivery Charges: The Senior Citizen Credit is \$(4.25) per customer per month and is applicable to Full Service and Retail Open Access customers.

This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) *or the Low Income Assistance Credit (LIA*).

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

M.P.S.C. No. 1 - Electric DTE Electric Company (Final Order Case No. U-21534)

M.P.S.C. No. 1 - Electric DTE Electric Company

M.P.S.C. No. 1 - Electric DTE Electric Company

M.P.S.C. No. 1 - Electric DTE Electric Company Third Revised Sheet No. D-3.00 Cancels Second Revised Sheet No. D-3.00

> First Revised Sheet No. D-3.01 Cancels Original Sheet No. D-3.01

Second Revised Sheet No. D-3.02 Cancels First Revised Sheet No. D-3.02

Second Revised Sheet No. D-3.03 Cancels First Revised Sheet No. D-3.03

Rates Schedules No. D1-A and D1-B have been terminated

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## **RATE SCHEDULE NO. D1.1**

## INTERRUPTIBLE SPACE-CONDITIONING SERVICE RATE

AVAILABILITY OF SERVICE: Available on an optional basis to Residential and Commercial customers desiring separately metered interruptible service for central air conditioning and/or central heat pump use. Customers who have more than one heat pump and/or air-conditioning unit which serves their business or home, will not be permitted to have only a portion of their load on the rate, all units will be interrupted upon the signal from the Company. Installations must conform with the Company's specifications. This rate is not available to commercial customers being billed on a demand rate. Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.

### HOURS OF SERVICE: 24 hours.

- HOURS OF INTERRUPTION: Interruptions may be called for, but not limited to, system testing and evaluation, maintaining system integrity, economic reasons, or when available system generation is insufficient to meet anticipated system load. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3. The Company will limit interruptions to intervals of no longer than 30 minutes in any hour and no longer than 8 hours in any 24-hour period.
- CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

**RATE PER MONTH:** For separately metered space-conditioning service.

### **Full Service Customers:**

Residential Power Supply Charges: Capacity Energy Charge (June through October Capacity Energy Charge (November through M	, <b>1</b>
Non-Capacity Energy Charge:	<i>4.415</i> ¢ per kWh for all kWh
<b>Residential Delivery Charges:</b> Service Charge (June through October):	\$1.05 per month
Distribution Charge (Year-round):	\$1.95 per month <b>8.907</b> ¢ per kWh for all kWh
<b>Commercial Power Supply Charges:</b>	
Capacity Energy Charge (June through October	): $2.878 \notin$ per kWh for all kWh
Capacity Energy Charge (November through M	ay): <b>1.289¢</b> per kWh for all kWh

vember through May): 4.634¢ per kWh for all kWh Non-Capacity Energy Charge:

(Continued on Sheet No. D-5.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President **Regulatory Affairs** 

Detroit, Michigan

Michigan Public Service Commission March 11, 2025	
	Michigan Public Service
March 11, 2025	Commission
,	March 11, 2025
	March 11, 2025

Effective for service rendered on and after February 6, 2025

Issued under authority of the

Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-4.00)

## RATE SCHEDULE NO. D1.1 (Contd.) INTERRUPTIBLE SPACE-CONDITIONING SERVICE RATE

#### Full Service Customers (contd.):

# Commercial Delivery Charges:

Service Charge (June through October):	\$1.95 per month
Distribution Charge (Year-round):	<b>5.858</b> ¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Sections C8.5 and C9.8. Applies only to actual consumption and not to the minimum charge.

### **Retail Access Service Customers:**

Residential Power Supply Charges for Retail Access Customers taking Utility Capacity Service from DTE Capacity Energy Charge (June through October):2.969¢ per kWh for all kWhCapacity Energy Charge (November through May):0.736¢ per kWh for all kWh		
<b>Residential Delivery Charges:</b> Capacity Service Charge June through October): Capacity Distribution Charge (Year-round):	\$1.95 per month <b>8.907</b> ¢ per kWh for all kWh	

Commerical Power Supply Charges for Retail Access Customers taking Utility Capacity Service from DTE:

Capacity Energy Charge (June through October):	<i>2.878¢</i> per kWh for all kWh
Capacity Energy Charge (November through May):	<i>1.289¢</i> per kWh for all kWh

### **Commercial Delivery Charges:**

Service Charge June through October): Distribution Charge (Year-round): \$1.95 per month 5.858¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Applies only to actual consumption and not to the minimum charge. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

**CONTRACT TERM**: Open order, terminable on three days' written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## **RATE SCHEDULE NO. D1.2**

## **RESIDENTIAL SERVICE RATE – ENHANCED TOU**

AVAILABILITY OF SERVICE: Available on an optional basis to customers who desire time of day service for their residential dwelling. Customers who select this rate must qualify for the Residential Service Rate *Standard TOU* D1.11.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire.

### **RATE PER MONTH:**

#### Full Service Customers:

## **Power Supply Charges:**

Capacity Energy Charge (June through October): 4.746¢ per kWh for all On-peak kWh 1.598¢ per kWh for all Off-peak kWh

Capacity Energy Charge (November through May): 4.009¢ per kWh for all On-peak kWh 1.535¢ per kWh for all Off-peak kWh

Non-Capacity Energy Charge (June through October) 11.144¢ per kWh for all On-peak kWh 3.752¢ per kWh for all Off-peak kWh

Non-Capacity Energy Charge (November through May) 9.413¢ per kWh for all On-peak kWh 3.605¢ per kWh for all Off-peak kWh

On-Peak Hours:All kWh used between 1100 and 1900 hours Monday through Friday.Off-Peak Hours:All other kWh used.

### **Delivery Charges:**

Service Charge: Distribution Charge: \$8.50 per month **8.907**¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

#### **Retail Access Service Customers:**

 Power Supply Charges for Retail Access Customers taking Utility Capacity Service from DTE: Capacity Energy Charge (June through October ):
 4.746¢ per kWh for all On-peak kWh
 1.598¢ per kWh for all Off-peak kWh

(Continued on Sheet No. D-6.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

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Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## (Continued from Sheet No. D-6.00)

### RATE SCHEDULE NO. D1.2 (Contd.)

### **RESIDENTIAL SERVICE RATE – ENHANCED TOU**

Retail Access Service Customers (Contd.):

Capacity Energy Charge (November through May ): 4.009¢ per kWh for all On-peak kWh 1.535¢ per kWh for all Off-peak kWh

On-Peak Hours: all kWh used between 1100 and 1900 hours Monday through Friday. Off-Peak Hours: all other kWh used.

## **Delivery Charges:**

Service Charge:	\$8.50 per month
Distribution Charge:	8.907¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C5.8.

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

**CONTRACT TERM:** Commencing upon installation of the Time-of-Day meter, service will be provided for twelve continuous months thereafter, with termination upon mutual consent of the Company and the customer.

WATER HEATING SERVICE: Water heating service is available on an optional basis.

**INTERRUPTIBLE SPACE CONDITIONING PROVISION:** Rate D1.1 is available on an optional basis.

**INCOME ASSISTANCE SERVICE PROVISION (RIA):** When service is supplied to a Principal Residence Customer, where the household receives a Home Heating Credit (HHC) in the State of Michigan, a credit shall be applied during all billing months. For an income assistance customer to qualify for this credit, the Company shall require annual evidence of the HHC energy draft or warrant. The customer may also qualify for this credit upon confirmation by an authorized State or Federal agency verifying that the customer's total household income does not exceed 150% of the poverty level as published by the United States department of health and human services or if the customer receives any of the following: i) Assistance from a state emergency relief program; ii) Food stamps or iii) Medicaid. *If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.* 

The monthly credit for the residential Income Assistance Service Provision shall be applied as follows:

(Continued on Sheet No. D-7.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

M.P.S.C. No. 1 - Electric DTE Electric Company (Final Order Case no. U-17767) Second Revised Sheet No. D-8.00 Cancels First Revised Sheet No. D-8.00

First Revised Sheet No. D-9.00 Cancels Original Revised Sheet No. D-9.00

Second Revised Sheet No. D-10.00 Cancels First Revised Sheet No. D-10.00

> First Revised Sheet No. D-11.00 Cancels Original Sheet No. D-11.00

Second Revised Sheet No. D-12.00 Cancels First Revised Sheet D-12.00

Rate Schedules D1.3, D1.4 and D1.5 have been terminated

Issued January 8, 2016 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan



Effective for service rendered on and after December 17, 2015

(Continued from Sheet No. D-6.01)

### RATE SCHEDULE NO. D1.2 (Contd.)

### **RESIDENTIAL SERVICE RATE– ENHANCED TOU**

**Delivery Charges**: These charges are applicable to Full Service and Retail Open Access customers. **Income Assistance Credit:** \$(8.50) per customer per month

LOW INCOME ASSISTANCE CREDIT PILOT: This credit is available to up to an annual average of 32,000 qualifying customers taking service under an applicable residential rate schedule. This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Senior Citizen Provision. In addition to the income verification methods listed above, a customer may qualify for the Low-Income Assistance Credit Pilot with proof of Enrollment in the Company's affordable payment plan as sanctioned under the Michigan Energy Assistance Program (MEAP) or having received one-time MEAP assistance in the past 12 months. If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the residential Low Income Assistance Credit shall be applied as follows:

Income Assistance Credit: \$(50.00) per meter per month.

If a credit balance occurs, the credit shall apply to the customer's future utility Charges.

RESIDENTIAL SERVICE SENIOR CITIZEN PROVISION: When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months. The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Delivery Charges: The Senior Citizen Credit is \$(4.25) per customer per month and is applicable to Full Service and Retail Open Access customers.

This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) *or the Low Income Assistance Credit (LIA)*.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## RATE SCHEDULE NO. D1.6 RESIDENTIAL SERVICE RATE - SPECIAL LOW INCOME PILOT

**AVAILABILITY OF SERVICE:** Customers who select this pilot rate must qualify for the Residential Service rate D1. To qualify for this pilot rate a customer must also provide annual evidence of receiving a Home Heating Credit (HHC) energy draft or warrant, or must provide confirmation by an authorized State or Federal agency verifying that the customer's total household income does not exceed 150% of the poverty level as published by the United States department of health and human services or if the customer receives any of the following: i) Assistance from a state emergency relief program; ii) Food stamps or iii) Medicaid. Service under this rate shall be limited to an annual average of 32,000 customers.

### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

### **RATE PER DAY:**

### Full Service Customers:

#### **Power Supply Charges:**

Capacity Energy Charges:

3.110¢ per kWh for the first 17 kWh per day 4.484¢ per kWh for excess over 17 kWh per day

Non-Capacity Energy Charge:  $5.655 \phi$  per kWh for all kWh per day

#### **Delivery Charges:**

Service Charge:	\$8.50 per month
Distribution Charge:	8.907 $\hat{e}$ per kWh for all kWh
Special Low Income Discount	t: (\$50.00) per month

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8. Applies only to actual consumption and not to the minimum charge.

### **Retail Access Service Customers:**

Residential Power Supply Charges for Retail access Customers taking Utility Capacity Service from DTE:

Capacity Energy Charges:3.110¢ per kWh for first 17 kWh per day4.484¢ per kWh for excess over 17 kWh per day

(Continued on Sheet No. D-12.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-12.01)

## RATE SCHEDULE NO. D1.6 (Contd.)RESIDENTIAL SERVICE RATE - SPECIAL LOW INCOME PILOT

### **Delivery Charges:**

Service Charge:\$8.50 per monthDistribution Charge:8.907¢ per kWh for all kWhSpecial Low Income Discount:(\$50.00) per month

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

- BILLING FREQUENCY: Based on a nominal 30-day month. See Section C4.5.
- **CONTRACT TERM:** Open order, terminable on three days' notice by either party. If a customer fails to make the required payment on time for three consecutive billing periods that customer shall automatically be removed from this rate. Where special services are required, the term will be as specified in the applicable contract rider.
- LATE PAYMENT CHARGE: See Section C4.8.
- **INTERRUPTIBLE SPACE-CONDITIONING PROVISION:** Rate D1.1 is available on an optional basis.
- **WATER HEATING SERVICE:** Water heating service is available on an optional basis. See Schedule Designation No. D5.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## **RATE SCHEDULE NO. D1.7**

## **GEOTHERMAL TIME-OF-DAY RATE**

**AVAILABILITY OF SERVICE:** Available on an optional basis to residential customers desiring separately metered service for approved geothermal space conditioning and/or water heating. To qualify for the rate the water heater must be for sanitary purposes with the tank size, design and method of installation approved by the company. The space conditioning equipment must be permanently installed.

HOURS OF SERVICE: 24 Hours

CURRENT, PHASE AND VOLTAGE: Same as D1 and D3 Rates

**CONTRACT TERM:** The customer shall contract to remain on this rate for at least 12 months terminable on three days notice after the initial 12 months by either party. Where special services are required, the term will be specified on the applicable contract rider.

**INSULATION STANDARDS FOR ELECTRIC HEATING:** See Section C4.9.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

LATE PAYMENT CHARGE: See Section C4.8.

### **RATE PER DAY:**

 Full Service Customers:

 Residential Power Supply Charges:

 Capacity Energy Charge (June through September):

 5.395¢ per kWh for all On-peak kWh

 1.787¢ per kWh for all Off-peak kWh

Capacity Energy Charge (October through May): 2.331¢ per kWh for all On-peak kWh 1.832¢ per kWh for all Off-peak kWh

Non-Capacity Energy Charge (June through September) 8.441¢ per kWh for all On-peak kWh 2.796¢ per kWh for all Off-peak kWh

Non-Capacity Energy Charge (October through May) 3.647¢ per kWh for all On-peak kWh 2.866¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1100 and 1900 hours Monday through Friday. Off-Peak Hours: All other kWh used.

### **Residential Delivery Charges:**

Service Charge: Distribution Charge: 6.70¢ per day **8.907**¢ per kWh for all kWh

(Continued on Sheet No. D-13.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## (Continued from Sheet No. D-13.00)

### RATE SCHEDULE NO. D1.7 (Contd.)

### **GEOTHERMAL TIME-OF-DAY RATE**

#### Full Service Customers (contd.):

#### **Commercial Power Supply Charges:**

Capacity Energy Charge (June through September): 1.688¢ per kWh for all On-peak kWh 1.542¢ per kWh for all Off-peak kWh

Capacity Energy Charge (October through May): 1.578¢ per kWh for all On-peak kWh 1.578¢ per kWh for all Off-peak kWh

Non-Capacity Energy Charge (June through September) 3.307¢ per kWh for all On-peak kWh 3.020¢ per kWh for all Off-peak kWh

Non-Capacity Energy Charge (October through May) 3.092¢ per kWh for all On-peak kWh 3.092¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1100 and 1900 hours Monday through Friday. Off-Peak Hours: All other kWh used.

### **Commercial Delivery Charges:**

Service Charge:	6.70¢ per day
Distribution Charge:	<b>5.858¢</b> per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

### **Retail Access Service Customers:**

Residential Power Supply Charges for Retail Access Customers taking Utility Capacity Service from DTE: Capacity Energy Charge (June through September):

5.395¢ per kWh for all On-peak kWh1.787¢ per kWh for all Off-peak kWh

Capacity Energy Charge (October through May): 2.331¢ per kWh for all On-peak kWh 1.832¢ per kWh for all Off-peak kWh

On-Peak Hours:All kWh used between 1100 and 1900 hours Monday through Friday.Off-Peak Hours:All other kWh used.

(Continued on Sheet No. D-13.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-13.01)

### RATE SCHEDULE NO. D1.7 (Contd.)

#### **GEOTHERMAL TIME-OF-DAY RATE**

#### **Retail Access Service Customers (contd.):**

### **Residential Delivery Charges:**

Service Charge:	6.70¢ per day
Distribution Charge:	<b>8.907¢</b> per kWh for all kWh

Commerical Power Supply Charges for Retail Access Customers taking Utility Capacity Service from DTE: Capacity Energy Charge (June through September): 1.688¢ per kWh for all On-peak kWh

1.542¢ per kWh for all Off-peak kWh

Capacity Energy Charge (October through May): 1.578¢ per kWh for all On-peak kWh 1.578¢ per kWh for all Off-peak kWh

#### **Commercial Delivery Charges:**

Service Charge:	6.70¢ per day
Distribution Charge:	5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the commission. See Section C5.8.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

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Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

### RATE SCHEDULE NO. D1.8

## **RESIDENTIAL SERVICE RATE - DYNAMIC PEAK PRICING GENERAL SERVICE RATE - DYNAMIC PEAK PRICING**

**AVAILABILITY OF SERVICE:** Available on an optional basis to full-service residential and secondary commercial and industrial customers seeking to manage their electric costs by either reducing load during high cost pricing periods or shifting load from high cost pricing periods to lower cost pricing periods. Service under this rate is limited to a residential customers and secondary commercial and industrial customers who have Advanced Metering Infrastructure installed. Service under this rate may not be combined with any other tariff, rider, or separately metered service, other than Rider 18 (if available).

The rate features three price tiers for On-Peak, Mid-Peak, and Off-Peak, as well as Critical Peak prices for days where Critical Hours are announced.

Definitions:

On-Peak Hours:	All kWh used between 3P.M. and 7P.M. Monday through Friday, excluding
	holidays
Mid-Peak Hours:	All kWh used between 7A.M. and 3P.M., and between 7P.M. and 11P.M.,
	Monday through Friday excluding holidays
Off-Peak Hours:	All kWh used between 11 P.M and 7 A.M. Monday through Friday, and all
	weekend and holiday hours.
Critical-Peak Hours:	All kWh used during critical hours, which, when announced, will replace the full
	on-peak time period from 3 P.M. to 7 P.M.

- **HOURS OF INTERRUPTION:** Critical Peak hours may be called for, but not limited to, system testing and evaluation, maintaining system integrity, economic reasons, or when available system generation is insufficient to meet anticipated system load. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3. The Company will limit Critical Peak pricing to no more than 56 hours per year.
- **NOTICE OF INTERRUPTION:** Customers will be notified by up to 24 hours before, but no less than 6 hours before critical hours are expected to occur. Notification will be made by one or more of the following methods: automated telephone message, text message, e-mail, or presentment on an in-premise display unit furnished by the Company. Receipt of such notice is the responsibility of the participating customer.

Customers who qualify and sign up for this rate agree to participate in evaluation surveys and will remain anonymous on all such surveys.

### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt, single-phase three-wire; or 208Y/120 volts, three-phase four wire service may be taken.

(Continued on Sheet No. D-14.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-14.00) RATE SCHEDULE NO. D1.8 (contd.) **RESIDENTIAL SERVICE RATE - DYNAMIC PEAK PRICING GENERAL SERVICE RATE – DYNAMIC PEAK PRICING CHARGES: Full Service Residential Customers: Power Supply Charges:** Capacity Energy Charges: 6.612¢ per kWh for all On-Peak kWh 3.452¢ per kWh for all Mid-Peak kWh 1.781¢ per kWh for all Off-Peak kWh *\$0.84390* per kWh for all kWh during Critical Peak Hours Non-Capacity Energy Charge: 10.610¢ per kWh for all On-Peak kWh 5.444¢ per kWh for all Mid-Peak kWh 2.809¢ per kWh for all Off-Peak kWh \$0.10610 per kWh for all kWh during Critical Peak Hours **Delivery Charges:** Service Charge: \$8.50 per month Distribution Charge: 8.907¢ per kWh for all kWh Full Service Secondary Commercial and Industrial Customers: **Power Supply Charges:** Capacity Energy Charges: 5.595¢ per kWh for all On-Peak kWh 3.037¢ per kWh for all Mid-Peak kWh 1.546¢ per kWh for all Off-Peak kWh \$0.83785 per kWh for all kWh during Critical Peak Hours Non-Capacity Energy Charge: 11.215¢ per kWh for all On-Peak kWh 5.998¢ per kWh for all Mid-Peak kWh 3.053¢ per kWh for all Off-Peak kWh \$0.11215 per kWh for all kWh during Critical Peak Hours **Delivery Charges:** Service Charge: \$11.25 per month Distribution Charge: 5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

## SCHEDULE OF HOLIDAYS: See Section C11

**CONTRACT TERM:** The customer shall contract to remain on this rate for at least 12 months terminable on three days' notice after the initial 12 months by either party.

LATE PAYMENT CHARGE: See Section C4.8.

(Continued on Sheet No. D-14.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-14.01)

## RATE SCHEDULE NO. D1.8 (contd.) RESIDENTIAL SERVICE RATE - DYNAMIC PEAK PRICING GENERAL SERVICE RATE - DYNAMIC PEAK PRICING

**INCOME ASSISTANCE SERVICE PROVISION (RIA):** When service is supplied to a Principal Residence Customer, where the household receives a Home Heating Credit (HHC) in the State of Michigan, a credit shall be applied during all billing months. For an income assistance customer to qualify for this credit, the Company shall require annual evidence of the HHC energy draft or warrant. The customer may also qualify for this credit upon confirmation by an authorized State or Federal agency verifying that the customer's total household income does not exceed 150% of the poverty level as published by the United States department of health and human services or if the customer receives any of the following: i) Assistance from a state emergency relief program; ii) Food stamps or iii) Medicaid. *If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.* 

The monthly credit for the residential Income Assistance Service Provision shall be applied as follows:

- **Delivery Charges:** These charges are applicable to Full Service and Retail Open Access customers. **Income Assistance Credit:** \$(8.50) per customer per month
- LOW INCOME ASSISTANCE CREDIT PILOT: This credit is available to up to an annual average of 32,000 qualifying customers taking service under an applicable residential rate schedule. This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Senior Citizen Provision. In addition to the income verification methods listed above, a customer may qualify for the Low-Income Assistance Credit Pilot with proof of Enrollment in the Company's affordable payment plan as sanctioned under the Michigan Energy Assistance Program (MEAP) or having received one-time MEAP assistance in the past 12 months. If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the residential Low Income Assistance Credit shall be applied as follows:

Income Assistance Credit: \$(50.00) per meter per month.

If a credit balance occurs, the credit shall apply to the customer's future utility Charges.

RESIDENTIAL SERVICE SENIOR CITIZEN PROVISION: When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months. The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Delivery Charges: The Senior Citizen Credit is \$(4.25) per customer per month and is applicable to Full Service and Retail Open Access customers.

This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Special Low Income Assistance Credit (LIA).

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

## **RATE SCHEDULE NO. D1.9**

## ELECTRIC VEHICLE RATE

**AVAILABILITY OF SERVICE:** Available on an optional basis to residential and commercial customers desiring separately metered service for the sole purpose of charging licensed electric vehicles. Installations must conform to the Company's specifications. Service under this tariff is limited to 5,000 customers. Service on this rate is limited to electric vehicles that are SAE J1772 compliant, and all vehicles shall be registered and operable on public highways in the State of Michigan to qualify for this rate. Low-speed electric vehicles including golf carts are not eligible to take service under this rate even if licensed to operate on public streets. The customer may be required to provide proof of registration of the electric vehicle to qualify for the program.

## HOURS OF SERVICE: 24 Hours

- **CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three wire. In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.
- **CONTRACT TERM:** Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified on the applicable contract rider.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

LATE PAYMENT CHARGE: See Section C4.8.

### **OPTION 1: TIME OF DAY PRICING**

### Full Service Customers:

### **Power Supply Charges:**

Capacity Energy Charge: 6.775¢ per kWh for all On-peak kWh 1.695¢ per kWh for all Off-peak kWh Non-Capacity Energy Charge: 10.608¢ per kWh for all On-peak kWh 2.651¢ per kWh for all Off-peak kWh On-Peak Hours: All kWh used between 9 am and 11 pm Monday through Friday. Off-Peak Hours: All other kWh used.

## **Delivery Charges:**

Service Charge:	\$1.95 per month
Distribution Charge:	8.907¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

### **Retail Access Service Customers:**

Power Supply Charges for Retail Access Customers taking Utility Capacity Service from DTE: Capacity Energy Charge:
6.775¢ per kWh for all On-peak kWh
1.695¢ per kWh for all Off-peak kWh

(Continued on Sheet No. D-14.04)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-14.03)

### RATE SCHEDULE NO. D1.9 (Contd.)

### ELECTRIC VEHICLE RATE

#### **Retail Access Service Customer (Contd.):**

On-Peak Hours:	All kWh used between 9 am and 11 pm Monday through Friday.
Off-Peak Hours:	All other kWh used.

### **Delivery Charges:**

Service Charge:	\$1.95 per month
Distribution Charge:	<b>8.907</b> ¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Sections C8.5 and C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See C8.5.

### **OPTION 2: MONTHLY FLAT FEE (Residential only):**

Closed to new customers as of May 31, 2019. Existing customers will be moved to a new rate by December 31, 2019.

## SPECIAL TERMS AND CONDITIONS:

Service under this rate must be supplied through a separately metered circuit and approved electric vehicle charging equipment. Installations must conform with the Company's specifications.

The Company is exploring additional possible metering options to be offered at the Company's discretion. This includes but is not limited to, collecting data directly from charging stations and/or utilizing technology beyond the general service meter to measure EV usage.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## **RATE SCHEDULE NO. D1.11**

## **RESIDENTIAL SERVICE RATE – STANDARD TOU**

**AVAILABILITY OF SERVICE:** This rate will be available for service no later than May 31, 2023. Available to customers desiring service for all residential purposes though one meter to a single or double occupancy dwelling unit including farm dwellings. A dwelling unit consists of a kitchen, bathroom, and heating facilities connected on a permanent basis. Service to appurtenant buildings may be taken on the same meter.

This rate is not available for common areas of separately metered apartments and condominium complexes, nor to a separate meter which serves a garage, boat well or other non-dwelling applications.

#### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

#### **RATE PER MONTH:**

### Full Service Customers:

### **Power Supply Charges:**

Capacity Energy Charge (June through September): 5.649 cents per kWh for all On-peak kWh 3.403 cents per kWh for all Off-peak kWh Capacity Energy Charge (October through May): 3.984 cents per kWh for all On-peak kWh 3.403 cents per kWh for all Off-peak kWh

Non-Capacity Energy Charge (June through September): **8.838** cents per kWh for all On-peak kWh **5.325** cents per kWh for all Off-peak kWh

Non-Capacity Energy Charge (October through May): 6.233 cents per kWh for all On-peak kWh 5.325 cents per kWh for all Off-peak kWh

On-Peak Hours: Off-Peak Hours: All kWh used between 3:00PM and 7:00PM Monday through Friday. All other kWh used.

### **Delivery Charges:**

Service Charge: Distribution Charge: \$8.50 per month **8.907¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

(Continued on Sheet No. D-14.06)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-14.05)

### **RATE SCHEDULE NO. D1.11 (Contd.)**

### **RESIDENTIAL SERVICE RATE – STANDARD TOU**

#### **Retail Access Service Customers:**

Power Supply Charges for Retail Access Customers taking Utility Capacity service for DTE:

Capacity Energy Charge (June through September): 5.649 cents per kWh for all On-peak kWh 3.403 cents per kWh for all Off-peak kWh

Capacity Energy Charge (October through May): 3.984 cents per kWh for all On-peak kWh 3.403 cents per kWh for all Off-peak kWh

Delivery Charges:	
Service Charge:	\$8.50 per month
Distribution Charge:	<b>8.907</b> ¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Sections C8.5 and C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

**CONTRACT TERM:** Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

WATER HEATING SERVICE: Water heating service is available on an optional basis.

**INTERRUPTIBLE SPACE CONDITIONING PROVISION:** Rate D1.1 is available on an optional basis.

**INCOME ASSISTANCE SERVICE PROVISION (RIA):** When service is supplied to a Principal Residence Customer, where the household receives a Home Heating Credit (HHC) in the State of Michigan, a credit shall be applied during all billing months. For an income assistance customer to qualify for this credit, the Company shall require annual evidence of the HHC energy draft or warrant. The customer may also qualify for this credit upon confirmation by an authorized State or Federal agency verifying that the customer's total household income does not exceed 150% of the poverty level as published by the United States department of health and human services or if the customer receives any of the following: i) Assistance from a state emergency relief program; ii) Food stamps or iii) Medicaid. *If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.* 

(Continued on Sheet No. D-14.07)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

	Michigan Public Service Commission
ſ	March 11, 2025
	Filed by: DW

Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-14.06)

### **RATE SCHEDULE NO. D1.11 (Contd.)**

### **RESIDENTIAL SERVICE RATE – STANDARD TOU**

The monthly credit for the residential Income Assistance Service Provision shall be applied as follows:

Delivery Charges: These charges are applicable to Full Service and Retail Open Access customers. Income Assistance Credit: \$(8.50) per customer per month

LOW INCOME ASSISTANCE CREDIT PILOT: This credit is available to up to an annual average of 32,000 qualifying customers taking service under an applicable residential rate schedule. This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Senior Citizen Provision. In addition to the income verification methods listed above, a customer may qualify for the Low-Income Assistance Credit Pilot with proof of Enrollment in the Company's affordable payment plan as sanctioned under the Michigan Energy Assistance Program (MEAP) or having received one-time MEAP assistance in the past 12 months. If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the residential Low Income Assistance Credit shall be applied as follows:

Income Assistance Credit: \$(50.00) per meter per month.

If a credit balance occurs, the credit shall apply to the customer's future utility Charges.

**RESIDENTIAL SERVICE SENIOR CITIZEN PROVISION:** When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months. The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Delivery Charges: The Senior Citizen Credit is \$(4.25) per customer per month and is applicable to Full Service and Retail Open Access customers.

This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Special Low Income Assistance Credit (LIA).

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

## **RATE SCHEDULE NO. D1.13**

## **RESIDENTIAL SERVICE RATE – OVERNIGHT SAVERS**

AVAILABILITY OF SERVICE: Available to customers desiring service for all residential purposes though one meter to a single or double occupancy dwelling unit including farm dwellings. A dwelling unit consists of a kitchen, bathroom, and heating facilities connected on a permanent basis. Service to appurtenant buildings may be taken on the same meter. This rate is not available for common areas of separately metered apartments and condominium complexes, nor to a separate meter which serves a garage, boat well or other non-dwelling applications. Service on this rate is limited to 10,000 customers. This rate will be effective no later than November 30, 2024.

### HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

#### **RATE PER MONTH:**

#### **Full Service Customers:**

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June – September – all values in cents per kWh
```

	Power supply capacity Charge	Power Supply Non Capacity Charge	Distribution Charge
On peak	6.285	9.833	17.941
Off peak	4.229	6.617	13.456
Super Off-peak	2.671	4.179	4.485

#### October – May – all values in cents per kWh

	Power supply capacity Charge	Power Supply Non Capacity Charge	Distribution Charge
On peak	3.585	5.609	8.970
Off peak	3.218	5.034	6.728
Super Off-peak	2.671	4.179	4.485

On-Peak Hours:	All kWh used between 3:00PM and 7:00PM Monday through Friday.
Super Off-peak:	All kWh used between 1:00AM and 7:00AM
Off-Peak Hours:	All other kWh used.

#### **Delivery Charges:**

Service Charge: Distribution Charge: \$8.50 per month see table above

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

(Continued on Sheet No. D-14.09)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President **Regulatory Affairs** 

Michigan Public Service Commission March 11, 2025

Effective for service rendered on and after February 6, 2025

Filed by: DW

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-14.08)

## RATE SCHEDULE NO. D1.13 (Contd.) RESIDENTIAL SERVICE RATE – OVERNIGHT SAVERS

Retail Access Service Customers:

Power Supply Charges for Retail Access Customers taking Utility Capacity service for DTE

June - September - all values in cents per kWh

	Power supply capacity Charge	Distribution Charge
On peak	6.285	17.941
Off peak	4.229	13.456
Super Off-peak	2.671	4.485

October - May - all values in cents per kWh

	Power supply capacity	Distribution Charge
	Charge	
On peak	3.585	8.970
Off peak	3.218	6.728
Super Off-peak	2.671	4.485

On-Peak Hours: Super Off-peak: Off-Peak Hours: All kWh used between 3:00PM and 7:00PM Monday through Friday. All kWh used between 1:00AM and 7:00AM All other kWh used.

**Delivery Charges:** 

Service Charge: Distribution Charge: \$8.50 per month see table above

Surcharges and Credits: As approved by the Commission. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Sections C8.5 and C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

**CONTRACT TERM:** The customer shall contract to remain on this rate for at least 12 months terminable on three days' notice after the initial 12 months by either party, at which time the customer may take service on any other rate for which they are eligible.

WATER HEATING SERVICE: Water heating service is available on an optional basis.

**INTERRUPTIBLE SPACE CONDITIONING PROVISION:** Rate D1.1 is available on an optional basis.

(Continued on Sheet No. 14.10)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-14.09)

## **RATE SCHEDULE NO. D1.13** (Contd.) **RESIDENTIAL SERVICE RATE – OVERNIGHT SAVERS**

**INCOME ASSISTANCE SERVICE PROVISION (RIA):** When service is supplied to a Principal Residence Customer, where the household receives a Home Heating Credit (HHC) in the State of Michigan, a credit shall be applied during all billing months. For an income assistance customer to qualify for this credit, the Company shall require annual evidence of the HHC energy draft or warrant. The customer may also qualify for this credit upon confirmation by an authorized State or Federal agency verifying that the customer's total household income does not exceed 150% of the poverty level as published by the United States department of health and human services or if the customer receives any of the following: i) Assistance from a state emergency relief program; ii) Food stamps or iii) Medicaid. *If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return* 

The monthly credit for the residential Income Assistance Service Provision shall be applied as follows:

Delivery Charges: These charges are applicable to Full Service and Retail Open Access customers. Income Assistance Credit: \$(8.50) per customer per month

LOW INCOME ASSISTANCE CREDIT PILOT: This credit is available to up to an annual average of 32,000 qualifying customers taking service under an applicable residential rate schedule. This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Senior Citizen Provision. In addition to the income verification methods listed above, a customer may qualify for the Low-Income Assistance Credit Pilot with proof of Enrollment in the Company's affordable payment plan as sanctioned under the Michigan Energy Assistance Program (MEAP) or having received one-time MEAP assistance in the past 12 months. If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the residential Low Income Assistance Credit shall be applied as follows:

Income Assistance Credit: \$(50.00) per meter per month.

If a credit balance occurs, the credit shall apply to the customer's future utility Charges.

**RESIDENTIAL SERVICE SENIOR CITIZEN PROVISION:** When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months. The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Delivery Charges: The Senior Citizen Credit is \$(4.25) per customer per month and is applicable to Full Service and Retail Open Access customers.

This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Special Low Income Assistance Credit (LIA).

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

### **RATE SCHEDULE NO. D2**

## **RESIDENTIAL SERVICE RATE - SPACE HEATING**

**AVAILABILITY OF SERVICE:** Available on an optional basis to customers desiring service for all residential purposes to a single or double occupancy dwelling unit including farm dwellings. All of the space heating must be total electric installed on a permanent basis and served through one meter. This rate also available to customers with add-on heat pumps and fossil fuel furnaces served on this rate prior to July 16, 1985. The design and method of installation and control of equipment as adopted to this service are subject to approval by the Company. This rate is also available to customers with electric heat assisted with a renewable heat source.

This rate is available only to dwellings being served on this rate prior to December 17, 2015.

### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally. In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

### **RATE PER DAY:**

### Full Service Customers:

Power Supply Charges:	
Capacity Energy Charges: (June through October):	2.988¢ per kWh for the first 17 kWh per day
	<i>4.272</i> ¢ per kWh for over 17 kWh per day
Capacity Energy Charges: (November through May):	<i>1.761</i> ¢ per kWh for the first 20 kWh per day
	0.688¢ per kWh for over 20 kWh per day
Non-Capacity energy Charge:	<i>5.164¢</i> per kWh for all kWh
Delivery Charges:	
Service Charge	\$8.50 per month
Distribution Charge: (June through October):	8.907¢ per kWh for all kWh
Distribution Charge: (November through May):	<b>8.907</b> ¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Sections C8.5 and C9.8. Applies only to actual consumption and not to the minimum charge

### **Retail Access Service customers:**

Power Supply Charges for Retail Access Customers taking Utility Capacity Service from DTE:		
Capacity Energy Charges: (June through October):	2.988¢ per kWh for the first 17 kWh per day	
	<i>4.272</i> ¢ per kWh for over 17 kWh per day	
Capacity Energy Charges: (November through May):	1.761¢ per kWh for the first 20 kWh per day	
	0.688¢ per kWh for over 20 kWh per day	

(Continued on Sheet No. D-16.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-15.00)

### RATE SCHEDULE NO. D2 (Contd.)

### **RESIDENTIAL SERVICE RATE - SPACE HEATING**

Delivery Charges:	
Service Charge	\$8.50 per month
Distribution Charge: (June through October ):	<b>8.907</b> ¢ per kWh for all kWh
Distribution Charge: (November through May):	8.907¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Applies only to actual consumption and not to the minimum charge. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

BILLING FREQUENCY: Based on a nominal 30-day month. See Section C4.5.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

- **CONTRACT TERM:** Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.
- **WATER HEATING SERVICE:** Water heating service is available on an optional basis. See Schedule Designation No. D5.

LATE PAYMENT CHARGE: See Section C4.8.

**INTERRUPTIBLE SPACE-CONDITIONING PROVISION:** Rate D1.1 is available on an optional basis.

**INSULATION STANDARDS FOR ELECTRIC HEATING:** See Section C4.9.

**INCOME ASSISTANCE SERVICE PROVISION (RIA):** When service is supplied to a Principal Residence Customer, where the household receives a Home Heating Credit (HHC) in the State of Michigan, a credit shall be applied during all billing months. For an income assistance customer to qualify for this credit, the Company shall require annual evidence of the HHC energy draft or warrant. The customer may also qualify for this credit upon confirmation by an authorized State or Federal agency verifying that the customer's total household income does not exceed 150% of the poverty level as published by the United States department of health and human services or if the customer receives any of the following: i) Assistance from a state emergency relief program; ii) Food stamps or iii) Medicaid. *If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.* 

The monthly credit for the residential Income Assistance Service Provision shall be applied as follows:

**Delivery Charges:** These charges are applicable to Full Service and Retail Open Access customers. **Income Assistance Credit:** \$(8.50) per customer per month

(Continued on Sheet No. D-17.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-16.00)

### RATE SCHEDULE NO. D2 (Contd.)

### **RESIDENTIAL SERVICE RATE - SPACE HEATING**

LOW INCOME ASSISTANCE CREDIT PILOT: This credit is available to up to an annual average of 32,000 qualifying customers taking service under an applicable residential rate schedule. This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Senior Citizen Provision. In addition to the income verification methods listed above, a customer may qualify for the Low-Income Assistance Credit Pilot with proof of Enrollment in the Company's affordable payment plan as sanctioned under the Michigan Energy Assistance Program (MEAP) or having received one-time MEAP assistance in the past 12 months. If a customer does not meet any of the above requirements, a low-income verification form will be provided by the Company for the customer to complete and return.

The monthly credit for the residential Low Income Assistance Credit shall be applied as follows:

Income Assistance Credit: \$(50.00) per meter per month.

If a credit balance occurs, the credit shall apply to the customer's future utility Charges.

**RESIDENTIAL SERVICE SENIOR CITIZEN PROVISION:** When service is supplied to a Principal Residence Customer, who is 65 years of age or older and head of household, a credit shall be applied during all billing months. The monthly credit for the Residential Service Senior Citizen Provision shall be applied as follows:

Delivery Charges: The Senior Citizen Credit is \$(4.25) per customer per month and is applicable to Full Service and Retail Open Access customers.

This credit shall not be taken in conjunction with a credit for the Income Assistance Service Provision (RIA) or the Special Low Income Assistance Credit (LIA).

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## **RATE SCHEDULE NO. D3**

## **GENERAL SERVICE RATE**

**AVAILABILITY OF SERVICE:** Available to customers desiring service for any purpose. This rate is not available for service in conjunction with the Large General Service Rate except when used exclusively to serve electric vehicle service equipment. When exclusively serving electric vehicle service equipment, this rate may also be taken in conjunction with Rate Schedules D6.2, D8, D11, or D12. At the Company's option, service may be available to loads in excess of 1000 kW for situations where significant modifications to service facilities are not required to serve the excess load. The 1000 kW discretionary demand restriction does not apply to service provided to Electric Vehicle Fast-Charging Stations until June 1, 2028 for existing stations and for two years after beginning service for new stations. Effective May 27, 1981, this rate is not available to customers desiring service through one meter for residential purposes to a single or double occupancy dwelling unit.

### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

## **RATE PER MONTH:**

Full Service Customers:

**Power Supply Charges:** Capacity Energy Charge:

Non-Capacity Energy Charge:

2.763¢ per kWh for all kWh 5.413¢ per kWh for all kWh

Service Charge:	\$11.25
Distribution Charge:	<b>5.858</b> ¢

\$11.25 per month 5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

### **Retail Access Service Customers:**

Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE: Capacity Energy Charge: 2.763¢ per kWh for all kWh

## **Delivery Charges:**

Service Charge: Distribution Charge: \$11.25 per month *5.858*¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

## LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

(Continued on Sheet No. D-19.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

## (Continued from Sheet No. D-18.00)

### RATE SCHEDULE NO. D3 (Contd.)

### GENERAL SERVICE RATE

- **CONTRACT TERM:** Open order, terminable on three days' written notice by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue derived therefrom, the term will be as specified in the applicable contract rider.
- **WATER HEATING SERVICE:** Water heating service is available on an optional basis. See Schedule Designation No. D5.
- **INTERRUPTIBLE SPACE-CONDITIONING PROVISION:** Rate D1.1 is available for commercial spaceconditioning use. This provision is applicable to central air-conditioning and heat pump use. All other provisions of D3 shall apply.

Issued February 6, 2013 N. A. Khouri Vice President Regulatory Affairs

Michigan Public Service Commission February 13, 2013 Effective for service rendered on and after October 10. 2007

Issued under authority of the Michigan Public Service Commission dated October 9, 2007 in Case No. U-15152

## **RATE SCHEDULE NO. D3.1**

## UNMETERED GENERAL SERVICE RATE

**AVAILABILITY OF SERVICE:** Available at the option of the Company to customers for loads that can be readily calculated and are impractical to meter.

### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

**SERVICE CONNECTIONS:** The customer is to furnish and maintain all necessary wiring and equipment, or reimburse the Company therefore. Connections are to be brought to the Company's underground or overhead lines by the customer as directed by the Company, and the final connections to the Company's line are to be made by the Company.

Conversion and/or relocation of existing facilities must be paid for by the customer, except when initiated by the Company. The detailed provisions and schedule of such charges will be quoted upon request.

**RATE:** Capacity charge of 2.348¢ and non-capacity charge of 10.459¢ both applied per month per kilowatthour of the total connected load in service for each customer. Loads operated cyclically will be prorated. This rate is based on 350 hours per month. Proration of cyclical loads will not apply when hours of operation are within 10% of base. Proration may either increase or decrease connected load.

The Company may, at its option, install meters and apply a standard metered rate schedule applicable to the service.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: \$3.00 per month.

**CONTRACT TERM:** Open order on a month-to-month basis.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## **RATE SCHEDULE NO. D3.2**

## SECONDARY EDUCATIONAL INSTITUTION RATE

**AVAILABILITY OF SERVICE**: Available to Educational Institution (school, college, university) customer locations desiring service at secondary voltage. School shall mean buildings, facilities, playing fields, or property directly or indirectly used for school purposes for children in grades kindergarten through twelve, when provided by a public or nonpublic school. School does not include instruction provided in a private residence or proprietary trade, vocational training, or occupational school. "College" or "University" shall mean buildings owned by the same customer which are located on the same campus and which constitute an integral part of such college or university facilities.

### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

### **RATE PER MONTH:**

### Full Service Customers:

**Power Supply Charges:** Capacity Energy Charge:

Capacity Energy Charge:2.573¢ per kWh for all kWhNon-Capacity Energy Charge:5.335¢ per kWh for all kWh

### **Delivery Charges:**

Service Charge: Distribution Charge: \$11.25 per month *5.858*¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

### **Retail Access Service Customers:**

Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE:<br/>Capacity Energy Charge:2.573¢ per kWh for all kWh

## **Delivery Charges:**

Service Charge: Distribution Charge: \$11.25 per month **5.858**¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the approved commission. See section C8.5.

### LATE PAYMENT CHARGE: See Section C4.9.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

(Continued on Sheet No. D-20.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

### (Continued from Sheet No. D-20.01)

### RATE SCHEDULE NO. D3.2 (Contd.)

## SECONDARY EDUCATIONAL INSTITUTION RATE

- **CONTRACT TERM:** Open order, terminable on three days' written notice by either party. Where special services are required or where the investment to serve is out of proportion to the revenue derived therefrom, the term will be as specified in the applicable contract rider.
- **WATER HEATING SERVICE:** Water heating service is available on an optional basis. See Schedule Designation No. D5.
- **INTERRUPTIBLE SPACE-CONDITIONING PROVISION:** Rate D1.1 is available for commercial spaceconditioning use. This provision is applicable to central air-conditioning and heat pump use. All other provisions of D3 shall apply.

Issued February 6, 2013 N. A. Khouri Vice President Regulatory Affairs

Michigan Public Service Commission February 13, 2013 Effective for service rendered on and after January 26, 2010

Issued under authority of the Michigan Public Service Commission dated January 25, 2010 in Case No. U-15768 and October 9, 2007 in Case No. U-15152

## **RATE SCHEDULE NO. D3.3**

## INTERRUPTIBLE GENERAL SERVICE RATE

**AVAILABILITY OF SERVICE:** Available to no more than 300 customers desiring interruptible service in conjunction with service taken under the general service rate. Service to interruptible load may be taken through separately metered circuits and permanently wired. The design and method of installation for application of this rate shall be subject to the approval of the Company. Service to interruptible load may not be transferred to firm service circuits to avoid interruption. At the Company's option, in lieu of the requirement for separately metered circuits and associated interruption equipment the customer may elect to contract for a minimum firm load demand to protect product or process loads in accordance with the product protection provision of this tariff. Under this option, interval demand metering will be installed in order to monitor compliance when called to interrupt load. This rate is not available for loads that are primarily off-peak, such as outdoor lighting. Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.

HOURS OF SERVICE: 24 hours except as described below.

- **HOURS OF INTERRUPTION:** All interruptible load served hereunder shall be subject to interruption by the Company and may include interruptions for, but not limited to, maintaining system integrity, economic reasons, or when available system generation is insufficient to meet anticipated system load. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3.
- **TESTING PROCEDURES:** In accordance with participation in an interruptible tariff, the customer agrees to comply with Company requirements regarding testing procedures. Customer shall complete and sign an interruptible responsibility letter annually by April 1<sup>st</sup>. Failure to sign and submit the interruptible responsibility letter may result in removal from this interruptible tariff. The letter designates that the customer understands their responsibility to interrupt, has an interruption plan, and has the capability to interrupt the contracted load. In addition, the Company will conduct multiple simulations each year to verify the communication system is working properly.
- **NOTICE OF INTERRUPTION:** The customer shall be provided, whenever possible; 1) notice in advance (generally 1 hour) of probable interruption; 2) the time in which customer must fully reduce its interruptible load, and; 3) the estimated duration of the interruption. The customer shall be provided notice of the actual end time for the system integrity order.
- **NON-INTERRUPTION PENALTY:** A customer who does not fully comply with the timing and load reduction prescribed in the Notice of Interruption shall be billed at the higher of (i) the rate of \$50 per kW applied to the highest 60-minute integrated interruptible demand (kW) or (ii) the actual damages incurred by the Company, including any MISO penalties, in addition to the prescribed monthly rate. In addition, the interruptible contract capacity of a customer who does not fully comply with an interruption order may be immediately reduced by the amount by which the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.
- **CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken. (Continued on Sheet No. D-22.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-21.00)

### RATE SCHEDULE NO. D3.3 (Contd.)

### INTERRUPTIBLE GENERAL SERVICE RATE

### **RATE PER MONTH:**

 Full Service Customers:

 Power Supply Charges:

 Capacity Energy Charge:

 Non-Capacity Energy Charge:

 Delivery Charges:

Ivery Charges:Service Charge:\$11.25 per monthDistribution Charge:5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

### **Retail Access Service Customers:**

Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE:<br/>Capacity Energy Charge:2.309¢ per kWh for all kWh

### **Delivery Charges:**

Service Charge: Distribution Charge:

\$11.25 per month **5.858**¢ per kWh for all kWh

**Surcharges and Credits:** As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the commission. See Section C8.5.

#### LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

- **PRODUCT PROTECTION PROVISION:** (Full Service Customers Only): A customer on rate D3.3 may elect to contract for a minimum load during the period of interruption to protect his product or process. This minimum load called "product protection load" shall not exceed 50% of the total contracted interruptible load and shall be charged rates equal to the General Service Rate (D3) power supply charge.
- **CONTRACT TERM:** The contract term is one year, extending thereafter from month-to-month until terminated by mutual consent or on twelve months written notice by either party, which may be given at any time after the end of the first year. However, where special services are required or where the investment to serve is out of proportion to the revenue derived there from, the contract term will be as specified in the applicable contract rider or Extension of Service Agreement.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

# COMPANY OWNED EV CHARGING SERVICE PILOT

**AVAILABILITY OF SERVICE:** Available on an optional basis to customers for use of Company-owned electric vehicle charging equipment. The service may be offered by the Company for charging infrastructure of any kilowatt (kW) capacity at the Company's discretion. Availability shall be subject to the technical compatibility of the customer's vehicle and the charging equipment. This rate is limited to 100 individual chargers. EV charging equipment will be sited at the Company's discretion.

### HOURS OF SERVICE: 24 hours

- **CURRENT, PHASE AND VOLTAGE:** Service on this rate will be delivered at varying current, phase, and voltage subject to the technical specifications of the customer's vehicle and the EV charging equipment.
- **RATES:** This service is offered as a volumetric charge at the market price of energy, and a single fixed charge encompassing all power supply capacity charges, delivery charges, and surcharges. The volumetric charge is consistent across EV charging equipment capacity. There is a separate fixed charge based on EV charging equipment capacity.

The relevant volumetric charge and session fee will be available to the customer before they choose to take service under this rate.

Volumetric Charges:	
Non-Capacity Energy Charge (on peak):	<i>7.754¢</i> per kWh
Non-Capacity Energy Charge (off peak):	6.902¢ per kWh
	-
Fixed Charges:	
Session Fee ( < 200 kW charger)	\$21 per vehicle-session
Session Fee ( $\geq 200$ kW charger)	\$66 per vehicle-session

- Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8. Those surcharges reflected on a per meter basis in Sections C8.5 and C9.8 will be converted to a volumetric equivalent for this rate schedule using the following formula: ((meter/month rate)\*12 months\*count of installed chargers)/total projected sales.
- METERING: Usage on this rate will be metered at the EV charging equipment
- **BILLING:** An accepted form of payment is required to take service on this rate. Customers taking service on this rate will be billed at the time of service. The billing transaction may be managed by a third-party vendor on behalf of the Company.

LATE PAYMENT CHARGE: Payment is required at the point-of-sale

MINIMUM CHARGE: The Session Fee

**CONTRACT TERM:** Effective for the period of the charging session and governing the rates, metering, and billing of the service. There is no contractual relationship between the customer and Company beyond the charging session.

(Continued on Sheet D-23.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet D-23.00)

RATE SCHEDULE NO. D3.5 (Contd.)

## COMPANY OWNED EV CHARGING SERVICE PILOT

SCHEDULE OF ON-PEAK HOURS: The on-peak period is defined as 2:00PM – 5:00PM, weekdays. All other hours are considered off-peak

Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission January 3, 2023 Filed by: DW Effective for service rendered on and after November 25, 2022

## **GENERAL SERVICE TIME OF USE RATE**

AVAILABILITY OF SERVICE: Available to customers desiring service for any purpose. This rate is not available for service in conjunction with the Large General Service Rate except when used exclusively to serve electric vehicle service equipment. When exclusively serving electric vehicle service equipment, this rate may also be taken in conjunction with Rate Schedules D6.2, D8, D11, or D12. At the Company's option, service may be available to loads in excess of 1000 kW for situations where significant modifications to service facilities are not required to serve the excess load. The 1000 kW discretionary demand restriction does not apply to service provided to Electric Vehicle Fast-Charging Stations until June 1, 2028 for existing stations and for two years after beginning service for new stations. This rate will become effective no later than June 1, 2025.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

#### RATE PER MONTH:

Full Service Customers:	
Power Supply Charges:	
Capacity Energy (June -	- September)
Summer On Peak	4.347¢ per kWh for all kWh
Summer Off Peak	2.593¢ per kWh for all kWh
Capacity Energy (Octob	ber – May)
Non-Summer On Peak	2.774¢ per kWh for all kWh
Non-Summer Off Peak	2.593¢ per kWh for all kWh
Non-Capacity Energy	(June – September)
Summer On Peak	8.516¢ per kWh for all kWh
Summer Off Peak	5.079¢ per kWh for all kWh
Non-Capacity Energy (Octob	per – May)
Non-Summer On Peak	5.435¢ per kWh for all kWh
Non-Summer Off Peak	5.079¢ per kWh for all kWh

On-Peak Hours: All kWh used between 1:00PM and 5:00PM Monday through Friday. Off-Peak Hours: All other kWh used.

Delivery Charges:	
Service Charge:	\$11.25 per month
Distribution Charge:	5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

**Retail Access Service Customers:** 

Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE:

(Continued on Sheet No. D-23.03)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Effective for service rendered on and after February 6, 2025

Detroit, Michigan

Filed by: DW Michig

### (Continued from Sheet No. D-23.02)

#### RATE SCHEDULE NO. D3.11 (Contd.)

#### GENERAL SERVICE TIME OF USE RATE

Capacity Energy (June – September)	
Summer On Peak	4.347¢ per kWh for all kWh
Summer Off Peak	2.593¢ per kWh for all kWh
Capacity Energy (October – May)	
Non-Summer On Peak	2.774¢ per kWh for all kWh
Non-Summer Off Peak	2.593¢ per kWh for all kWh
Delivery Charges:	
Service Charge:	\$11.25 per month

Distribution Charge: 5.858¢ per kWh for all kWh Surcharges and Credits: As approved by the Commission See Section C9.8

Surcharges and Credits: As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

LATE PAYMENT CHARGE: See Section C4.8.

- CONTRACT TERM: Upon enrollment customers are required to remain on rate for 12 months. After 12 months, open order, terminable on three days' written notice by either party.
- MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.
- CONTRACT TERM: 12 months, terminable on three days' written notice by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue derived therefrom, the term will be as specified in the applicable contract rider.
- *WATER HEATING SERVICE: Water heating service is available on an optional basis. See Schedule Designation No. D5.*
- INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available for commercial spaceconditioning use. This provision is applicable to central air-conditioning and heat pump use. All other provisions of D3.11 shall apply.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Detroit, Michigan

## LARGE GENERAL SERVICE RATE

**AVAILABILITY OF SERVICE:** Available to customers desiring service for any purpose, except that this rate is not available for service in conjunction with the General Service Rate.

Effective May 27, 1981, this rate is not available to customers desiring service through one meter for residential purposes to a single or double occupancy dwelling unit.

#### HOURS OF SERVICE: 24 hours.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

## **RATE PER MONTH:**

#### **Full Service Customers:**

<b>Power Supply Charges:</b> Capacity Demand Charge:	\$9.73 per kW applied to the Monthly Billing Demand
Non-Capacity Demand Charges: Non-Capacity Energy Charges:	<ul><li>\$6.93 per kW applied to the Monthly Billing Demand</li><li>4.030¢ per kWh for the first 200 kWh per kW of billing demand</li><li>3.111¢ per kWh for the excess</li></ul>
<b>Delivery Charges:</b> Service Charge:	\$13.67 per month

Distribution Demand Charge: \$23.99 per kW applied to the Monthly Billing Demand

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

### **Retail Access Service Customers:**

Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE: Capacity Demand Charge: \$9.73 per kW applied to the Monthly Billing Demand

#### **Delivery Charges:**

Service Charge: Distribution Demand Charge: \$13.67 per month \$23.99 per kW applied to the Monthly Billing Demand

(Continued on Sheet No. D-25.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-24.00)

## RATE SCHEDULE NO. D4 (Contd.)

## LARGE GENERAL SERVICE RATE

Surcharges and Credits: As approved by the Commission. See Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commsission. See Section C8.5.

### **LATE PAYMENT CHARGE:** See Section C4.8.

MINIMUM CHARGE: All applicable demand charges plus the service charge and any applicable per meter per month surcharge.

## MONTHLY BILLING DEMAND: Is the greatest of the following:

- (a) The highest single reading of the demand meter during the billing period.
- (b) 5 kW.
- (c) 65% of the highest metered billing demand occurring during the billing months of June through October established during the preceding eleven billing months.

Demand readings shall be rounded to the nearest whole integer.

For customers who guarantee a minimum billing demand of 100 kW, the monthly billing demand in part (a) above shall be the highest 30-minute reading of the demand meter during on-peak hours. (See Section C11), Schedule of on-peak hours.) If the highest 30-minute demand occurs during off-peak hours, then the monthly billing demand shall be the on-peak demand plus one-third of the difference between the on-peak and off-peak maximum demands occurring during the same period.

**CONTRACT TERM:** Open order, terminable on three days' written notice by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue obtainable therefrom, the term will be as specified in the applicable contract rider.

**WATER HEATING SERVICE:** Water heating service is available on a separate meter basis.

Issued May 22, 2018 D. M. Stanczak Vice President **Regulatory Affairs** 

Michigan Public Service Commission

Effective for service rendered on and after May 1, 2018

June 18, 2018

Filed

DBR

Detroit, Michigan

## WATER HEATING SERVICE RATE

**AVAILABILITY OF SERVICE:** Available to customers using hot water for sanitary purposes (other uses subject to the approval of the Company) and taking service under Residential and General Service Rate Schedules. This rate is also available to customers with solar assisted hot water heaters. Company approved waste heat reclamation systems and heat pump water heaters when used in conjunction with an approved electric water heater are also acceptable for use.

Available to customers who desire controlled water heating service to all of the heating elements of electric water heaters, the design and method of installation of which are approved by the Company as adapted to this service, taken through a separately metered circuit to which no other load except water heating may be connected. Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.

## HOURS OF SERVICE: 24 hours.

- **HOURS OF INTERRUPTION:** Interruptions may be called for, but not limited to, system testing and evaluation, maintaining system integrity, economic reasons, or when available system generation is insufficient to meet anticipated system load. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3. The Company will limit interruptions to intervals of no longer than 4 hours in any 24-hour period.
- **CURRENT, PHASE AND VOLTAGE:** Alternating current, single-phase, nominally at 240 volts, three-wire, except that, in certain city districts, alternating current service at 208 volts, nominal, three-wire, or three-phase at the option of the Company.

## **RATE PER MONTH:**

#### **Full Service Customers:**

Residential Power Supply Charges:	
Capacity Energy Charge:	1.914¢ per kWh for all kWh
Non-Capacity Energy Charge:	2.995¢ per kWh for all kWh

Residential Delivery Charges:<br/>Service Charge:\$1.95 per month<br/>**8.907¢** per kWh for all kWh

Commercial Power Supply Charges: Capacity Energy Charge: Non-Capacity Energy Charge:

*1.627¢* per kWh for all kWh*3.187¢* per kWh for all kWh

Commercial Delivery Charges:Service Charge:\$1.95 per monthDistribution Charge:**5.858¢** per kWh for all kWh

(Continued on Sheet No. D-27.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-26.00)

## RATE SCHEDULE NO. D5 (Contd.)

### WATER HEATING SERVICE RATE

#### **Retail Access Service Customers:**

Residential Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE:

Capacity Energy Charge: 1.914¢ per kWh for all kWh

Residential Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE (contd):

Residential Delivery Charges:	
Service Charge:	\$1.95 per month
Distribution Charge:	8.907¢ per kWh for all kWh

Commercial Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE:

Capacity Energy Charge:	<i>1.627¢</i> per kWh for all kWh

Commercial Delivery Charges:

Service Charge:	\$1.95 per month
Distribution Charge:	5.858¢ per kWh for all kWh

**SURCHARGES AND CREDITS:** As approved by the Commission. Power Supply Charges are subject to Section C8.5. Delivery Charges are subject to Section C9.8. Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

**CONTRACT TERM**: Open order, terminable or three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

### WATER HEATER REQUIREMENTS FOR WATER HEATER RATE APPLICATION:

Rate Option	Minimum Tank Capacity*	Maximum Total Connected Load**
Residential	30 gallons	5.5 kW
Rate Option	Minimum Tank Capacity*	Maximum Total Connected Load**
Commercial	2 gallons per kW of total connected load 40 gallon minimum	Controlled by minimum tank capacity requirements

\*No limitation to number of tanks

\*\*Single or multi-element

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

M.P.S.C. No. 1 - Electric DTE Electric Company (Final Order Case No. U-17767) Second Revised Sheet No. D-28.00 Cancels First Revised Sheet No. D-28.00

> First Revised Sheet No. D-29.00 Cancels Original Sheet No. D-29.00

Second Revised Sheet No. D-30.00 Cancels First Revised Sheet No. D-30.00

Second Revised Sheet No. D-31.00 Cancels First Revised Sheet No. D-31.00

Second Revised Sheet No. D-32.00 Cancels First Revised Sheet No. D-32.00

Second Revised Sheet No. D-33.00 Cancels First Revised Sheet No. D-33.00

Second Revised Sheet No. D-34.00 Cancels First Revised Sheet No. D-34.00

Second Revised Sheet No. D-35.00 Cancels First Revised Sheet No. D-35.00

Second Revised Sheet No. D-36.00 Cancels First Revised Sheet No. D-36.00

## HOLD FOR FUTURE USE

Issued January 8, 2016 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission January 20, 2016 Filed Effective for service rendered on and after December 17, 2015

# PRIMARY EDUCATIONAL INSTITUTION RATE

**AVAILABILITY OF SERVICE:** Available to Educational Institution (school, college, university) customer locations desiring service at primary, sub-transmission, or transmission voltage who contract for a specified capacity of not less than 50 kilowatts at a single location. School shall mean buildings, facilities, playing fields, or property directly or indirectly used for school purposes for children in grades kindergarten through twelve, when provided by a public or nonpublic school. School does not include instruction provided in a private residence or proprietary trade, vocational training, or occupational school. "College" or "University" shall mean buildings owned by the same customer which are located on the same campus and which constitute an integral part of such college or university facilities.

- HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.
- CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.
- **CONTRACT CAPACITY:** Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 50 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

## **RATE PER MONTH:**

## Full Service Customers:

Power Supply Charges:CapacityDemand Charge:\$11.44 per kW of on-peak billing demand

Voltage Level Discount:

\$0.48 per kW at transmission level \$0.23 per kW at subtransmission level

Non-Capacity Demand Charge:

\$3.34 per kW of on-peak billing demand

## Voltage Level Discount:

*\$0.14* per kW at transmission level *\$0.07* per kW at subtransmission level

Energy Charges:

arges:4.669¢ per kWh for all on-peak kWh4.369¢ per kWh for all off-peak kWh

Voltage Level Discount: 0.175¢ per kWh at transmission level 0.079¢ per kWh at subtransmission level

(Continued on Sheet No. D-36.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-36.01)

### RATE SCHEDULE NO. D6.2 (Contd.)

### PRIMARY EDUCATIONAL INSTITUTION RATE

Full Service Customers (Contd):

#### **Delivery Charges:**

Primary Service Charge: \$70 per month Subtransmission and Transmission Service Charge: \$375 per month Distribution Charges: For primary service (less than 24 kV) \$6.32 per kW of maximum demand. For service at subtransmission voltage (24 to 41.6 kV) \$1.73 per kW of maximum demand. For service at transmission voltage (120 kV and above) \$0.93 per kW of maximum demand.

**Substation Credit:** Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of  $0.040\phi$  per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Section C9.8.

#### **Retail Access Service Customers:**

Capacity (Only applicable to Retail Access Service Customers receiving utility Capacity Service from DTE Electric)

Demand Charge: \$11.44 per kW of on-peak billing demand

Voltage Level Discount:

*\$0.48* per kW of on-peak billing demand at transmission level *\$0.23* per kW of on-peak billing demand at subtransmission level

Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

### **Delivery Charges:**

Primary Service Charge: \$70 per month
Subtransmission and Transmission Service Charge: \$375 per month
Distribution Charges:
For primary service (less than 24 kV) \$6.32 per kW of maximum demand.
For service at subtransmission voltage (24 to 41.6 kV) \$1.73 per kW of maximum demand.
For service at transmission voltage (120 kV and above) \$0.93 per kW of maximum demand.

**Substation Credit:** Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of  $0.040\phi$  per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

(Continued on Sheet No. D-36.03)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

-	
	Michigan Public Service
	Commission
	March 11 2025
	March 11, 2025
	Filed by: DW

Effective for service rendered on and after February 6, 2025

## RATE SCHEDULE NO. D6.2 (Contd.)

### (Continued from Sheet No. D-36.02) ) PRIMARY EDUCATIONAL INSTITUTION RATE

### LATE PAYMENT CHARGE: See Section C4.8.

### **DEFINITION OF CUSTOMER VOLTAGE LEVEL:** See Section C13.

- **MONTHLY ON-PEAK BILLING DEMAND:** The monthly on-peak billing demand shall be the single highest 30minute integrated reading of the demand meter during the on-peak hours of the billing period. The monthly onpeak billing demand will not be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.
- **MAXIMUM DEMAND:** The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

## **POWER FACTOR CLAUSE:**

### **Full Service Customers:**

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

### **Retail Access Service Customers:**

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

**SPECIAL TERMS AND CONDITIONS:** The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load.

Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

Customers will be permitted to transfer from this rate to a secondary commercial rate, provided they can meet the availability requirements, if the load characteristic changes sufficiently so that the customer would benefit

(Continued on Sheet No. D-37.00)

Issued December 21, 2023 M. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission January 8, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

## (Continued from Sheet No. D-36.03)

#### RATE SCHEDULE NO. D6.2 (Contd.)

# PRIMARY EDUCATIONAL INSTITUTION RATE

# SPECIAL TERMS AND CONDITIONS: (Contd.)

by the change for the foreseeable future even though metering was continued at primary voltage. Frequent changes, however, from on rate to another for a period less than one full year will not be permitted in accordance with Section C4.4 - Choice of Rates.

For example, during the period that a building is under construction, primary service may be supplied and metered at primary voltage and billed on a secondary rate while the building is under the jurisdiction of the contractor.

Also, for the convenience of the utility, service to a large school complex where, as a matter of design, primary voltage is furnished with Company owned transformers at remote locations fed by customer owned primary cables, the account can be billed on a secondary rate though metered at one central primary voltage location at or near the termination of the utility-owned cables.

## SPECIAL TERMS AND CONDITIONS (contd.):

At the option of the Company, service may be supplied at the primary voltage and metered at a secondary voltage when the customer transfers from a secondary rate. For loads metered at a secondary voltage (less than 600V), all measured quantities shall be increased by 2%.

**CONTRACT TERM**: For new primary installations over 1000 kW the term is for not less than five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the end of the fourth year. For new primary installations of 1000 kW or less and for new customers at existing installations, the term is for one year which under special circumstances may be increased or reduced at the discretion of the Company, extending thereafter from month-to-month until terminated by mutual consent or on one month written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

Issued December 21, 2023 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission January 8, 2024 Effective for service rendered on and after December 15, 2023

Filed by: DW

Detroit, Michigan

Second Revised Sheet No. D-39.00 Cancels First Revised Sheet No. D-39.00

These sheets have been cancelled and are available for future use.

I Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs Michigan Public Service Commission June 18, 2018

Filed DW

Effective for service rendered on and after May 1, 2018

Issued under authority of the Michigan Public Service Commission dated April 27, 2018 in Case No. U-18255

## INTERRUPTIBLE SUPPLY RATE

- **AVAILABILITY OF SERVICE:** Available to customers desiring separately metered service at primary voltage who contract for a specified quantity of demonstrated interruptible load of not less than 50 kilowatts at a single location. Contracted interruptible capacity on this rate is limited to 300 megawatts. Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.
  - **TESTING PROCEDURES:** In accordance with participation in an interruptible tariff, the customer agrees to comply with Company requirements regarding testing procedures. Customer shall complete and sign an interruptible responsibility letter annually by April 1<sup>st</sup>. Failure to sign and submit the interruptible responsibility letter may result in removal from this interruptible tariff. The letter designates that the customer understands their responsibility to interrupt, has an interruption plan, and has the capability to interrupt the contracted load. In addition, the Company will conduct multiple simulations each year to verify the communication system is working properly.
- HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.
- **CURRENT, PHASE AND VOLTAGE:** Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.
- **CONTRACT CAPACITY:** Customers shall contract for a specified capacity in kilowatts sufficient to meet maximum interruptible requirements, but not less than 50 kilowatts. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The interruptible contract capacity shall not include any firm power capacity, except under Product Protection Provision.
- **CONDITIONS OF INTERRUPTION:** All interruptible load served hereunder shall be subject to Capacity Deficiency Orders and System Integrity Interruption Orders.

A Capacity Deficiency Order is a pricing provision that permits a customer to choose to pay higher hourly energy rates when (a) energy prices to the Company in the Midwest ISO energy market are above *t*he D8 energy rate and (b) the Company's available generation assets are insufficient to meet the Company's full service load. The customer has the choice of either paying higher energy rates through the non-interruption fee or avoid paying the higher energy rates by reducing or interrupting load, at the customer's discretion.

A System Integrity Interruption Order is a non-discretionary order requiring a customer to interrupt load. All interruptible load served hereunder shall be subject to interruption by the Company in order to maintain system integrity. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3.

## **CAPACITY DEFICIENCY ORDER:**

**NOTICE OF CAPACITY DEFICIENCY:** The customer shall be provided at least one hour advance notice of a capacity deficiency order. This notice will include the effective start time and estimated duration of the capacity deficiency order along with an estimate of the replacement energy cost in cents per kilowatt-hour. The customer shall be provided notice of the actual end time for the capacity deficiency order.

(Continued on Sheet No. D-40.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-40.00)

### RATE SCHEDULE NO. D8 (Contd.)

## INTERRUPTIBLE SUPPLY RATE

**NON-INTERRUPTION FEE:** Customers who do not interrupt by the effective start time of a capacity deficiency order shall be billed at the cost of replacement energy plus 0.576¢ per kWh during the time of interruption plus the applicable voltage level charge, but not less than the normal D8 rate. Voltage level charges for service other than transmission voltage are:

 $0.139 \notin$  per kWh at the distribution level.  $0.077 \notin$  per kWh at the subtransmission level.

## SYSTEM INTEGRITY INTERRUPTION ORDER:

## NOTICE OF SYSTEM INTEGRITY INTERRUPTION: The customer shall be provided:

- 1) Notice at least 1 hour in advance of probable interruption, whenever possible;
- 2) The time in which customer must fully reduce load; and
- 3) The estimated duration of the interruption.

The customer shall be provided notice of the actual end time for the system integrity order.

**NON-INTERRUPTION PENALTY:** A customer who does not fully comply with the timing and load reduction prescribed in the Notice of System Integrity Interruption shall be billed at the higher of (i) the rate of \$50 per kW applied to the highest 60-minute integrated interruptible demand (kW) created during the interruption period or (ii) the actual damages incurred by the Company, including any MISO penalties in addition to the prescribed monthly rate. In addition, the interruptible contract capacity of a customer who does not fully comply with a System Integrity interruption order may be immediately reduced by the amount the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

(Continued on Sheet No. D-41.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-41.00)

### RATE SCHEDULE NO. D8 (Contd.)

### **INTERRUPTIBLE SUPPLY RATE**

#### **RATE PER MONTH:**

## **Full Service Customers:**

## Power Supply Charges: Capacity

Demand Charge:	\$4.50 per kW of on-peak billing demand
Voltage Level Disco	ount:
	\$0.19 per kW of on-peak billing demand at transmission level
	\$0.09 per kW of on-peak billing demand at subtransmission level
Non-Capacity	
Demand Charge:	\$5.62 per kW of on-peak billing demand
Voltage Level Disco	ount:
	\$0.24 per kW of on-peak billing demand at transmission level
	\$0.11 per kW of on-peak billing demand at subtransmission level
Energy Charge:	<i>4.275¢</i> per kWh for all on-peak kWh
	<i>3.275</i> ¢ per kWh for all off-peak kWh

## Voltage Level Discount:

 $0.139 \notin$  per kWh at transmission level  $0.062 \notin$  per kWh at subtransmission level

#### **Delivery Charges:**

Primary Service Charge:\$70 per monthSubtransmission and Transmission Service Charge:\$375 per monthDistribution Charges:\$375 per month

For primary service (less than 24 kV) **\$6.32** per kW of maximum demand. For service at subtransmission voltage (24 to 41.6 kV) **\$1.73** per kW of maximum demand. For service at transmission voltage (120 kV and above) **\$0.93** per kW of maximum demand.

(Continued on Sheet No. D-42.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-41.00)

### RATE SCHEDULE NO. D8 (Contd.)

## INTERRUPTIBLE SUPPLY RATE

**Substation Credit:** Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of  $0.040 \notin$  per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

## **Retail Access Service customers:**

Capacity (only applicable to Retail Access Service Customers receiving Utility Capacity Service from DTE Electric)

Demand Charge: \$4.50 per kW of on-peak billing demand Voltage Level Discount: \$0.19 per kW of on-peak billing demand at transmission level

\$0.09 per kW of on-peak billing demand at subtransmission level

Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

## **Delivery Charges:**

¢70
\$70 per month
\$375 per month
of maximum demand.
() \$1.73 per kW of maximum demand.
(e) \$ <b>0.93</b> per kW of maximum demand.

**Substation Credit:** Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of  $0.40 \notin$  per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Section C9.8.

### LATE PAYMENT CHARGE: See Section C4.8.

## **DEFINITION OF CUSTOMER VOLTAGE LEVEL:** See Section C13.

**MONTHLY ON-PEAK BILLING DEMAND:** The monthly on-peak billing demand shall be the single highest 30minute integrated reading of the demand meter during the on-peak hours of the billing period. In no event will the monthly on-peak billing demand be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.

(Continued on Sheet No. D-43.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-42.00)

### RATE SCHEDULE NO. D8 (Contd.)

## INTERRUPTIBLE SUPPLY RATE

- **MAXIMUM DEMAND:** The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.
- **MINIMUM CHARGE:** All applicable demand charges plus the service charge and any applicable per meter per month surcharges.

**ON-PEAK HOURS:** See Section C11.

**PRODUCT PROTECTION PROVISION** (Full Service and Utility Capacity Service Customers Only): A customer on rate D8 may elect to contract for a minimum load during the period of interruption to protect his product or process. This minimum load called "product protection load" shall not exceed 50% of the total contracted interruptible load and shall be charged a monthly demand charge per kW of product protection contract capacity equal to the Primary Supply Rate (D11) on-peak billing demand charge.

### **POWER FACTOR CLAUSE:**

### **Full Service Customers:**

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

### **Retail Access Service Customers:**

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

**SPECIAL TERMS AND CONDITIONS:** The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in load. The increase of contract capacity may be limited if, in the opinion of the Company, additional interruptible capacity is not available.

Customer-owned equipment must be operated so that voltage fluctuations on the electrical system of the Company shall not exceed permissible limits.

(Continued on Sheet No. D-43.01)

Issued June 8, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission
June 23, 2020
Filed by: DW

Effective for service rendered on and after May 15, 2020

Issued under authority of the Michigan Public Service Commission dated May 8, 2020 in Case No. U-20561

## (Continued from Sheet No. D-43.00)

## RATE SCHEDULE NO. D8 (Contd.)

## INTERRUPTIBLE SUPPLY RATE

The customer will own and maintain the necessary switching equipment to separate the interruptible load from the firm power load. The interruptible load shall not be served from the firm power source at any time. The switching equipment must meet the Company standards. The customer must provide space for the separate metering of the interruptible load.

**CONTRACT TERM:** The contract term is five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months written notice by either party, which may be given at any time after the end of the fourth year.

Issued June 8, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission June 23, 2020 Filed by: DW Effective for service rendered on and after May 15, 2020

Issued under authority of the Michigan Public Service Commission dated May 8, 2020 in Case No. U-20561

## **OUTDOOR PROTECTIVE LIGHTING**

- **AVAILABILITY OF SERVICE:** Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking electric service under a standard metered rate schedule.
- **HOURS OF SERVICE:** Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4200 hours per year.
- **KIND OF SERVICE:** Multiple lighting from overhead and underground lines. The Company will own, operate and maintain the lights. Burned out lights must be reported by the customer and the Company will undertake to replace the lights as soon as possible during regular working hours.

**SPECIAL ORDER MATERIAL PROVISION:** For decorative or ornamental special order material, there may be an additional per luminaire per month charge for procurement and material handling. Company and Customer to mutually agree upon charges.

- **RATES:** As shown on Sheet No. D-45.00 and D-46.00.
- **SURCHARGES AND CREDITS:** As approved by the Commission. Applicable surcharges and credits are listed in Sections C8.5 and C9.8.

## LATE PAYMENT CHARGE: See Section C4.8.

**CONTRACT TERM:** Contracts for overhead and underground service were taken for a minimum of five years. Conversion and/or relocation of existing lighting facilities must be paid for by the customer, except where initiated by the Company. The detailed provisions and schedule of such charges will be quoted upon request.

#### Effective February 7, 2020

Contracts for overhead and underground service were taken for a minimum of five years. Upon expiration of the initial term shall continue on a month-to-month basis until terminated by mutual written consent of the parties or by either party with thirty (30) days prior written notice to the other party. Any conversion, relocation and/or removal of existing street lighting facilities at the customer's request, including those removals necessitated by termination of service, must be paid for by the customer. If the financing alternative (term 4 under Special Terms and Conditions below) is selected by the customer, the remaining principal capital at time of termination will be included. The detailed provisions and schedule of charges, which may include the remaining value of the existing facilities, will be quoted upon request. The Company shall not withdraw service, and the customer shall not substitute another source of service in whole or in part, without twelve months' written notice to the other party.

**SPECIAL TERMS AND CONDITIONS:** Outdoor protective lighting is intended primarily for installations served from existing secondary facilities. All lights will be installed so as to overhang private property at locations satisfactory to the customer and the Company. However, exceptions can be made for floodlight installations to overhang public property where practical.

(Continued on Sheet No. D-45.00)

Issued February 28, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission March 3, 2020 Filed DBR Effective for service rendered on and after February 7, 2020

Issued under authority of the Michigan Public Service Commission dated February 6, 2020 in Case No. U-20611

(Continued from Sheet No. D-44.00)

### **RATE SCHEDULE NO. D9**

## **OUTDOOR PROTECTIVE LIGHTING**

#### **SPECIAL TERMS AND CONDITIONS (contd.):**

The stated charges for underground service on Sheet No. D-46.00 cover the ordinary trenching for cable extensions under normal soil conditions in cleared areas.

- (1) Special purpose facilities are considered to be line or cable extensions, transformers, and any additional poles without lights, excluding facilities provided under stated charges on Sheet No. D-45.00. Where special purpose facilities are required, a service charge of 18% per year on the investment in such facilities will be billed in installments as an addition to the regular rate for each light. In the event the customer discontinues service before the end of the contract term, the established rate as well as the service charge on special purpose facilities for the remaining portion of the contract term shall immediately become due and payable. This provision was closed to new installations as of January 22, 1994.
- (2) For new installations after January 22, 1994, which require investment in excess of three times the annual revenue, this rate is available only to customers who make a contribution in aid of construction equal to the amount by which the investment exceeds three times the annual revenue at the prevailing rate at the time of installation.
- (3) For new underground-fed installations of 5 lights or more after May 1, 2019, which require investment in excess of three times the annual revenue, the customer may elect to pay a post charge for each increment of \$1,000 investment required above three times the annual revenue.
- (4) As an alternative, where the required contribution exceeds \$10,000, upon agreement of the customer and the Company, the customer will pay an additional annual charge of the Company's weighted average cost of capital (7.05%) times the contribution amount in lieu of the cash contribution.
- DE-ENERGIZED LIGHTS: Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 60% of the regular yearly rates. A \$35.00 charge per luminaire will be made at the time of de-energization and at the time of re-energization.
- DUSK TO MIDNIGHT SERVICE: For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a distribution discount of 1.060¢ per nominal lamp size wattage per month and a 50% reduction in the average monthly hours of use will be applied. One control per circuit or luminaire will be provided.
- EXPERIMENTAL PROGRAMMABLE PHOTOCELL SERVICE: Customers may elect to place luminaires on photocells that are programmable to turn off lights at pre-determined times during the night. A distribution discount of 1.060¢ per nominal lamp size wattage per month and a 50% reduction in the average monthly hours of use will be applied.
- **MONTHLY RATES:** Overhead Outdoor Protective Lighting with Existing Pole and Existing Secondary Facilities (All-night service).

Power Supply Charges: Capacity Energy Charge: Non-Capacity Energy Charge:

0.00¢ per kWh for all kWh 4.61¢ per kWh for all kWh

(Continued on Sheet No. D-45.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-45.00)

## RATE SCHEDULE NO. D9 (Contd.)

## **OUTDOOR PROTECTIVE LIGHTING**

## Luminaire Charges:

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Distribution		Average		Average	
		Charge per		Monthly		Energy Cost	Average
Nominal Lamp		Lamp per	System	Hours	Energy	per Month	Monthly
Size	<u>Type of Service</u>	<u>Month</u>	Wattage	(4200/12)	Charge	(d*e*f/1000)	Cost
100 W	Mercury Vapor	\$14.34	120	350	\$0.0461	\$1.93	\$16.28
175 W	Mercury Vapor	\$19.51	210	350	\$0.0461	\$3.39	\$22.90
250 W	Mercury Vapor	\$23.34	300	350	\$0.0461	\$4.84	\$28.18
400 W	Mercury Vapor	\$30.78	450	350	\$0.0461	\$7.26	\$38.03
1,000 W	Mercury Vapor	\$62.71	1060	350	\$0.0461	\$17.09	\$79.80
100 W	High Pressure Sodium	\$14.61	135	350	\$0.0461	\$2.18	\$16.79
150 W	High Pressure Sodium	\$17.46	200	350	\$0.0461	\$3.22	\$20.69
250 W	High Pressure Sodium	\$22.48	305	350	\$0.0461	\$4.92	\$27.40
400 W	High Pressure Sodium	\$27.69	465	350	\$0.0461	\$7.50	\$35.19
1,000 W	High Pressure Sodium	\$55.87	1100	350	\$0.0461	\$17.74	\$73.61
100 W	Metal Halide	\$12.24	120	350	\$0.0461	\$1.93	\$14.18
150 W	Metal Halide	\$15.68	180	350	\$0.0461	\$2.90	\$18.58
175 W	Metal Halide	\$17.40	210	350	\$0.0461	\$3.39	\$20.79
250 W	Metal Halide	\$22.56	300	350	\$0.0461	\$4.84	\$27.40
320 W	Metal Halide	\$26.29	365	350	\$0.0461	\$5.88	\$32.18
400 W	Metal Halide	\$31.74	460	350	\$0.0461	\$7.42	\$39.16
1,000 W	Metal Halide	\$65.57	1050	350	\$0.0461	\$16.93	\$82.50
20 - 29 W	LED	\$11.93	25	350	\$0.0461	\$0.40	\$12.33
30 - 39 W	LED	\$12.26	35	350	\$0.0461	\$0.56	\$12.83
40 - 49 W	LED	\$13.06	45	350	\$0.0461	\$0.73	\$13.78
50 - 59 W	LED	\$13.48	55	350	\$0.0461	\$0.89	\$14.37
60 - 69 W	LED	\$14.09	65	350	\$0.0461	\$1.05	\$15.13
70 - 79 W	LED	\$14.70	75	350	\$0.0461	\$1.21	\$15.91
80 - 89 W	LED	\$15.31	85	350	\$0.0461	\$1.37	\$16.68
90 - 99 W	LED	\$15.89	95	350	\$0.0461	\$1.53	\$17.42
100 - 109 W	LED	\$16.45	105	350	\$0.0461	\$1.69	\$18.15
110 - 119 W	LED	\$17.15	115	350	\$0.0461	\$1.85	\$19.00
120 - 129 W	LED	\$17.58	125	350	\$0.0461	\$2.02	\$19.60
130 - 139 W	LED	\$18.36	135	350	\$0.0461	\$2.18	\$20.54
140 - 149 W	LED	\$18.92	145	350	\$0.0461	\$2.34	\$21.26
150 - 159 W	LED	\$19.28	155	350	\$0.0461	\$2.50	\$21.78
160 - 169 W	LED	\$19.85	165	350	\$0.0461	\$2.66	\$22.51
170 - 179 W	LED	\$20.41	175	350	\$0.0461	\$2.82	\$23.23
180 - 189 W	LED	\$20.98	185	350	\$0.0461	\$2.98	\$23.96
190 - 199 W	LED	\$21.54	195	350	\$0.0461	\$3.14	\$24.69
200 - 209 W	LED	\$22.21	205	350	\$0.0461	\$3.31	\$25.52
210 - 219 W	LED	\$22.76	215	350	\$0.0461	\$3.47	\$26.22
220 - 229 W	LED	\$23.30	225	350	\$0.0461	\$3.63	\$26.93
230 - 239 W	LED	\$23.86	235	350	\$0.0461	\$3.79	\$27.65
240 - 249 W	LED	\$24.37	245	350	\$0.0461	\$3.95	\$28.32

(Continued on Sheet No. D-45.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Effective for service rendered on and after February 6, 2025

Filed by: DW Michig

## (Continued from Sheet No. D-45.01)

### RATE SCHEDULE NO. D9 (Contd.)

## **OUTDOOR PROTECTIVE LIGHTING**

Luminaire Charges (Contd):

(a)	<u>(b)</u>	(c)	(d)	(e)	(f)	(g)	(h)
Nominal Lamp Size	<u>Type of Service</u>	Distribution Charge per <u>Lamp per</u> <u>Month</u>	System Wattage	Average Monthly Hours (4200/12)	Energy Charge	Average Energy Cost per Month (d*e*f/1000)	Average Monthly Cost
250 250 W	LED	624.04	255	250	60.04/1	6 4 1 1	¢20.05
250 - 259 W	LED	\$24.94	255	350	\$0.0461	\$4.11	\$29.05
260 - 269 W	LED	\$25.50	265	350	\$0.0461	\$4.27	\$29.78
270 - 279 W	LED	\$26.07	275	350	\$0.0461	\$4.43	\$30.50
280 - 289 W	LED	\$26.61	285	350	\$0.0461	\$4.59	\$31.20
290 - 299 W	LED	\$27.15	295	350	\$0.0461	\$4.76	\$31.91
300 - 309 W	LED	\$27.76	305	350	\$0.0461	\$4.92	\$32.68
310 - 319 W	LED	\$28.33	315	350	\$0.0461	\$5.08	\$33.41
320 - 329 W	LED	\$28.90	325	350	\$0.0461	\$5.24	\$34.14
330 - 339 W	LED	\$29.46	335	350	\$0.0461	\$5.40	\$34.86
340 - 349 W	LED	\$30.03	345	350	\$0.0461	\$5.56	\$35.59
350 - 359 W	LED	\$30.59	355	350	\$0.0461	\$5.72	\$36.32
360 - 369 W	LED	\$31.16	365	350	\$0.0461	\$5.88	\$37.04
370 - 379 W	LED	\$31.72	375	350	\$0.0461	\$6.05	\$37.77
380 - 389 W	LED	\$32.29	385	350	\$0.0461	\$6.21	\$38.50
390 - 399 W	LED	\$32.64	395	350	\$0.0461	\$6.37	\$39.00

For installations prior to January 22, 1994. New Pole and Single Span of Secondary Facilities. The above rate plus \$24.48 per pole per year.

Effective January 22, 1994 installation requiring additional facilities shall pay a contribution in aid of construction in lieu of the service charge. Contribution is described in paragraph (2) above.

Multiple Lamps on a Single Pole. For each additional luminaire added to the same pole the charge will be at the existing pole rate.

The Energy Policy Act of 2005 states that no Mercury Vapor lamp ballasts may be manufactured or imported after January 1, 2008. As a result, effective January 1, 2008, new Mercury Vapor lamps will no longer be available. Customers with existing Mercury Vapor lamp ballasts will continue to receive service until those fixtures fail. At that time, the luminaire will be converted to LED.

**MONTHLY RATES:** Underground Outdoor Protective Lighting with Lamp Spacing up to 120 Feet (All-night service).

Power Supply Charges:

Capacity Energy Charge: 0.00¢ per kWh for all kWh Non-Capacity Energy Charge: 4.61¢ per kWh for all kWh

(Continued on Sheet No. D-46.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

## (Continued from Sheet No. D-45.02)

## RATE SCHEDULE NO. D9 (Contd.)

## **OUTDOOR PROTECTIVE LIGHTING**

#### Luminaire Charges (Contd):

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Nominal Lamp Size	Type of Service	Distribution Charge per <u>Lamp per</u> <u>Month</u>	System Wattage	Average Monthly Hours (4200/12)	Energy Charge	Average Energy Cost per Month (d*e*f/1000)	Average Monthly Cost
100 W	Mercury Vapor	\$26.74	120	350	\$0.0461	\$1.93	\$28.68
175 W	Mercury Vapor	\$29.37	210	350	\$0.0461 \$0.0461	\$3.39	\$32.75
250 W	Mercury Vapor	\$34.47	300	350	\$0.0461	\$4.84	\$39.30
400 W	Mercury Vapor	\$44.68	450	350	\$0.0461	\$7.26	\$51.94
1,000 W	Mercury Vapor	\$77.75	1060	350	\$0.0461	\$17.09	\$94.84
70 W	High Pressure Sodium	\$23.35	95	350	\$0.0461	\$1.53	\$24.88
100 W	High Pressure Sodium	\$24.07	135	350	\$0.0461	\$2.18	\$26.25
150 W	High Pressure Sodium	\$25.95	200	350	\$0.0461	\$3.22	\$29.18
250 W	High Pressure Sodium	\$28.73	305	350	\$0.0461	\$4.92	\$33.65
400 W	High Pressure Sodium	\$32.89	465	350	\$0.0461	\$7.50	\$40.39
1,000 W	High Pressure Sodium	\$49.51	1100	350	\$0.0461	\$17.74	\$67.25
100 W	Metal Halide	\$10.99	120	350	\$0.0461	\$1.93	\$12.92
150 W	Metal Halide	\$16.48	180	350	\$0.0461	\$2.90	\$19.38
175 W	Metal Halide	\$19.23	210	350	\$0.0461	\$3.39	\$22.61
250 W	Metal Halide	\$27.47	300	350	\$0.0461	\$4.84	\$32.30
400 W	Metal Halide	\$42.11	460	350	\$0.0461	\$7.42	\$49.53
1,000 W	Metal Halide	\$96.13	1050	350	\$0.0461	\$16.93	\$113.06
20 - 29 W	LED	\$24.48	25	350	\$0.0461	\$0.40	\$24.88
30 - 39 W	LED	\$24.90	35	350	\$0.0461	\$0.56	\$25.47
40 - 49 W	LED	\$25.42	45	350	\$0.0461	\$0.73	\$26.15
50 - 59 W	LED	\$25.76	55	350	\$0.0461	\$0.89	\$26.64
60 - 69 W	LED	\$26.19	65	350	\$0.0461	\$1.05	\$27.24
70 - 79 W	LED	\$26.58	75	350	\$0.0461	\$1.21	\$27.79
80 - 89 W	LED	\$26.99	85	350	\$0.0461	\$1.37	\$28.36
90 - 99 W	LED	\$27.39	95	350	\$0.0461	\$1.53	\$28.92
100 - 109 W	LED	\$27.78	105	350	\$0.0461	\$1.69	\$29.42
110 - 119 W	LED	\$28.19	115	350	\$0.0461	\$1.85	\$30.05
120 - 129 W	LED	\$28.45	125	350	\$0.0461	\$2.02	\$30.46
130 - 139 W	LED	\$28.96	135	350	\$0.0461	\$2.18	\$31.13
140 - 149 W	LED	\$29.20	145	350	\$0.0461	\$2.34	\$31.54
150 - 159 W	LED	\$29.58	155	350	\$0.0461	\$2.50	\$32.08
160 - 169 W	LED	\$29.96	165	350	\$0.0461	\$2.66	\$32.62
170 - 179 W	LED	\$30.34	175	350	\$0.0461	\$2.82	\$33.16
180 - 189 W	LED	\$30.72	185	350	\$0.0461	\$2.98	\$33.70
190 - 199 W	LED	\$31.09	195	350	\$0.0461	\$3.14	\$34.24
200 - 209 W	LED	\$31.51	205	350	\$0.0461	\$3.31	\$34.82
210 - 219 W	LED	\$31.85	215	350	\$0.0461	\$3.47	\$35.32
220 - 229 W	LED	\$32.23	225	350	\$0.0461	\$3.63	\$35.86
230 - 239 W	LED	\$32.61	235	350	\$0.0461	\$3.79	\$36.40
240 - 249 W	LED	\$32.98	245	350	\$0.0461	\$3.95	\$36.93
250 - 259 W	LED	\$33.36	255	350	\$0.0461	\$4.11	\$37.47
260 - 269 W	LED	\$33.74	265	350	\$0.0461	\$4.27	\$38.01

(Continued on Sheet No. D-46.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

## (Continued from Sheet No. D-46.00)

### RATE SCHEDULE NO. D9 (Contd.)

## **OUTDOOR PROTECTIVE LIGHTING**

#### Luminaire Charges (Contd):

(a)	<u>(b)</u>	(c)	(d)	(e)	(f)	(g)	(h)
		Distribution		Average		Average	
		Charge per		Monthly		Energy Cost	Average
Nominal Lamp		Lamp per	System	Hours	Energy	per Month	Monthly
Size	<u>Type of Service</u>	Month	Wattage	(4200/12)	Charge	(d*e*f/1000)	Cost
270 - 279 W	LED	\$34.07	275	350	\$0.0461	\$4.43	\$38.51
280 - 289 W	LED	\$34.44	285	350	\$0.0461	\$4.59	\$39.03
290 - 299 W	LED	\$34.80	295	350	\$0.0461	\$4.76	\$39.56
300 - 309 W	LED	\$35.25	305	350	\$0.0461	\$4.92	\$40.17
310 - 319 W	LED	\$35.63	315	350	\$0.0461	\$5.08	\$40.71
320 - 329 W	LED	\$36.01	325	350	\$0.0461	\$5.24	\$41.25
330 - 339 W	LED	\$36.39	335	350	\$0.0461	\$5.40	\$41.79
340 - 349 W	LED	\$36.77	345	350	\$0.0461	\$5.56	\$42.33
350 - 359 W	LED	\$37.14	355	350	\$0.0461	\$5.72	\$42.87
360 - 369 W	LED	\$37.52	365	350	\$0.0461	\$5.88	\$43.41
370 - 379 W	LED	\$37.90	375	350	\$0.0461	\$6.05	\$43.95
380 - 389 W	LED	\$38.28	385	350	\$0.0461	\$6.21	\$44.49
390 - 399 W	LED	\$38.66	395	350	\$0.0461	\$6.37	\$45.03

Effective January 22, 1994 installation requiring additional facilities shall pay a contribution in aid of construction in lieu of the service charge. Contribution is described in paragraph (2) above.

Effective May 1, 2019, installations requiring additional facilities shall pay a post charge of \$7.08 per increment of \$1,000 of expense in lieu of contribution in aid of construction. Contribution is described in paragraph (3) above.

Long Span

Semi-Ornamental

• For Semi-Ornamental Systems which employ Ornamental Post Units served from overhead conductors, where such construction is practical, reduce rate per luminaire per year .......\$21.48

Multiple Luminaires on a Single Pole

• For additional luminaires added to the same pole, a reduced rate per luminaire per year on the added luminaire.

Ornamental	\$97.92
Ornamental-Lamp spacing over 120 feet	\$122.40
Semi-Ornamental	

The Energy Policy Act of 2005 states that no Mercury Vapor lamp ballasts may be manufactured or imported after January 1, 2008. As a result, effective January 1, 2008, new Mercury Vapor lamps will no longer be available. Customers with existing Mercury Vapor lamp ballasts will continue to receive service until those luminaires fail. At that time, the luminaire will be converted to LED.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

## ALL-ELECTRIC SCHOOL BUILDING SERVICE RATE

- **AVAILABILITY OF SERVICE:** Available to customers desiring service in school buildings served at primary voltage who contract for a specified installed capacity of not less than 50 kilowatts at a single location provided the space heating and water heating for all or a substantial portion of the premises is supplied by electric service and is installed on a permanent basis.
- HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.
- **CURRENT, PHASE AND VOLTAGE:** Alternating current, three-phase, nominally at 4,800 or 13,200 volts at the option of the Company.

## **RATE PER MONTH:**

Full Service Customers: Power Supply Charges: Capacity	
Energy Charge (June through October):	<i>3.586¢</i> per kWh for all kWh
Energy Charge (November through May):	$1.573 \phi$ per kWh for all kWh
Non-Capacity	
Energy Charge (June through October):	5.993¢ per kWh for all kWh
Energy Charge (November through May):	5.993¢ per kWh for all kWh
Delivery Charges:	
Service Charge:	\$70 per month
Distribution Charge:	1.870¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

#### **Retail Access Service Customers:**

Capacity (Only applicable to Retail Access Service Customers receiving Utility Capacity Service from DTE Electric)

Energy Charge (June through October):	<i>3.586¢</i> per kWh for all kWh
Energy Charge (November through May):	1.573¢ per kWh for all kWh

Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

### Delivery Charges: Service Charge: Distribution Charge:

\$70 per month *1.870¢* per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Section C9.8.

(Continued on Sheet No. D-48.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-47.00)

#### RATE SCHEDULE NO. D10 (Contd.)

ALL-ELECTRIC SCHOOL BUILDING SERVICE RATE

#### **POWER FACTOR CLAUSE:**

#### **Full Service Customers:**

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12 The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

#### **Retail Access Service Customers:**

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

**SPECIAL TERMS AND CONDITIONS:** Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

At the option of the Company where service to a large school complex, as a matter of design, primary voltage is furnished with Company owned transformers at remote locations fed by customer owned primary cables, the account can be billed on a secondary rate though metered at one central primary voltage location at or near the termination of the utility-owned cables.

At the option of the Company, service may be supplied at the primary voltage and metered at a secondary voltage when the customer transfers from a secondary rate. For loads metered at a secondary voltage (less than 600V), all measured quantities shall be increased by 2%.

**CONTRACT TERM:** For new primary installations over 1000 kW the term is for not less than five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the end of the fourth year. For new primary installations of 1000 kW or less and for new customers at existing installations, the term is for one year which under special circumstances may be increased or reduced at the discretion of the Company, extending thereafter from month-to-month until terminated by mutual consent or on one month written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

Issued February 6, 2013 N. A. Khouri Vice President Regulatory Affairs

Michigan Public Service Commission February 13, 2013 Effective for service rendered on and after October 10. 2007

Issued under authority of the Michigan Public Service Commission dated October 9, 2007 in Case No. U-15152

## PRIMARY SUPPLY RATE

- **AVAILABILITY OF SERVICE:** Available to customers desiring service at primary, sub-transmission, or transmission voltage who contract for a specified capacity of not less than 50 kilowatts at a single location.
- HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.
- CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.
- **CONTRACT CAPACITY:** Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 50 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

## **RATE PER MONTH:**

**Full Service Customers: Power Supply Charges:** Capacity Demand Charge: \$9.74 per kW of on-peak billing demand Voltage Level Discount: \$0.41 per kW of on-peak billing demand at transmission level \$0.20 per kW of on-peak billing demand at subtransmission level Non-Capacity Demand Charge: \$7.25 per kW of on-peak billing demand Voltage Level Discount: \$0.31 per kW of on-peak billing demand at transmission level \$0.15 per kW of on-peak billing demand at subtransmission level 4.275¢ per kWh for all on-peak kWh Energy Charge: 3.275¢ per kWh for all off-peak kWh

#### Voltage Level Discount:

 $0.139 \notin$  per kWh at transmission level  $0.062 \notin$  per kWh at subtransmission level

#### **Delivery Charges:**

Primary Service Charge: \$70 per month Subtransmission and Transmission Service Charge:

\$375 per month

#### **Distribution Charges:**

For primary service (less than 24 kV) **\$6.32** per kW of maximum demand. For service at subtransmission voltage (24 to 41.6 kV) **\$1.73** per kW of maximum demand. For service at transmission voltage (120 kV and above) **\$0.93** per kW of maximum demand.

(Continued on Sheet No. D-48.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-48.01)

## **RATE SCHEDULE NO. D11 (Contd.)**

### PRIMARY SUPPLY RATE

**Substation Credit:** Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of  $0.040 \notin$  per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

## **Retail Access Service Customers:**

Capacity (Only applicable to Retail Access Service Customers receiving Utility Capacity Service from DTE Electric)

Demand Charge: \$9.74 per kW of on-peak billing demand Voltage Level Discount:

\$0.41 per kW of on-peak billing demand at transmission level

\$0.20 per kW of on-peak billing demand at subtransmission level

Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C5.8.

### **Delivery Charges:**

Primary Service Charge: \$70 per month Subtrassmission and Transmission Service Charge: \$375 per month

### **Distribution Charges:**

For primary service (less than 24 kV) **\$6.32** per kW of maximum demand. For service at subtransmission voltage (24 to 41.6 kV) **\$1.73** per kW of maximum demand. For service at transmission voltage (120 kV and above) **\$0.93** per kW of maximum demand.

**Substation Credit:** Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of  $0.040\phi$  per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Section C9.8.

### LATE PAYMENT CHARGE: See Section C4.8.

**DEFINITION OF CUSTOMER VOLTAGE LEVEL:** See Section C13.

**MONTHLY ON-PEAK BILLING DEMAND:** The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. The monthly on-peak billing demand will not be less than 65% of the highest monthly on-peak metered billing demand during

(Continued on Sheet No. D-48.03)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-48.02)

### **RATE SCHEDULE NO. D11 (Contd.)**

#### PRIMARY SUPPLY RATE

the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.

- **MAXIMUM DEMAND:** The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.
- **MINIMUM CHARGE:** All applicable demand charges plus the service charge and any applicable per meter per month surcharges.

## SCHEDULE OF ON-PEAK HOURS: See Section C11.

#### **POWER FACTOR CLAUSE:**

### **Full Service Customers:**

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

## **Retail Access Service Customers:**

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

**SPECIAL TERMS AND CONDITIONS:** The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load.

Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

Customers will be permitted to transfer from this rate to a secondary commercial rate, provided they can meet the availability requirements, if the load characteristic changes sufficiently so that the customer would benefit by the change for the foreseeable future even though metering was continued at primary voltage. Frequent changes, however, from one rate to another for a period less than one full year will not be permitted in accordance with Section C4.4 - Choice of Rates.

(Continued on Sheet No. D-48.04)

Issued January 8, 2016 D. M. Stanczak Vice President Regulatory Affairs

Effective for service rendered on and after December 17, 2015

Issued under authority of the Michigan Public Service Commission dated December 11, 2015 in Case No. U-17767

(Continued from Sheet No. D-48.03)

#### **RATE SCHEDULE NO. D11 (Contd.)**

#### PRIMARY SUPPLY RATE

#### SPECIAL TERMS AND CONDITIONS (Contd.)

For example, during the period that a building is under construction, primary service may be supplied and metered at primary voltage and billed on a secondary rate while the building is under the jurisdiction of the contractor.

Also, for the convenience of the utility, service to a large school complex or a high rise building where, as a matter of design, primary voltage is furnished with Company owned transformers at remote locations fed by customer owned primary cables, the account can be billed on a secondary rate though metered at one central primary voltage location at or near the termination of the utility-owned cables.

At the option of the Company, service may be supplied at the primary voltage and metered at a secondary voltage when the customer transfers from a secondary rate. For loads metered at a secondary voltage (less than 600V), all measured quantities shall be increased by 2%.

**CONTRACT TERM:** For new primary installations over 1000 kW the term is for not less than five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the end of the fourth year. For new primary installations of 1000 kW or less and for new customers at existing installations, the term is for one year which under special circumstances may be increased or reduced at the discretion of the Company, extending thereafter from month-to-month until terminated by mutual consent or on one month written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

Issued January 8, 2016 D. M. Stanczak Vice President Regulatory Affairs



Effective for service rendered on and after December 17, 2015

Issued under authority of the Michigan Public Service Commission dated December 11, 2015 in Case No. U-17767

## EXPERIMENTAL LARGE CUSTOMER LOW PEAK DEMAND SUPPLY RATE

- **AVAILABILITY OF SERVICE**: Available on an experimental basis to new full-service customers with a minimum metered contract capacity of 10,000 kW and with high on-peak demands set during the October through May billing months and on-peak demands of ten percent (10%) or less during the June through September billing months and taking service at sub-transmission, or transmission voltage at a single location. Total contracted capacity on this tariff is limited to 100 MW. Service under this tariff may not be combined with any other tariff, rider, or separately metered service except for Rider Nos. 17 or 19.
- HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.
- CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 24,000, 41,570 or 120,000 volts at the option of the Company.
- **CONTRACT CAPACITY**: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 10,000 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

## **RATE PER MONTH:**

## Full Service Customers:

## **Power Supply Charges**:

Capacity (October through May) Demand Charge: \$0.32 per kW of on-peak billing demand

Capacity (June through September) Demand Charge: \$8.04 per kW of on-peak billing demand

Capacity Voltage Level Discount:

\$(0.005) per kW of on-peak billing demand at transmission level (October through May) \$(0.14) per kW of on-peak billing demand at transmission level (June through September)

Non-Capacity (October through May) Demand Charge: \$0.32 per kW of on-peak billing demand

Non-Capacity (June through September) Demand Charge: \$41.37 per kW of on-peak billing demand

Non-Capacity Voltage Level Discount:

\$(0.005) per kW of on-peak billing demand at transmission level (October through May) \$(0.70) per kW of on-peak billing demand at transmission level (June through September)

(Continued on Sheet No. D-48.06)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-48.05)

## **RATE SCHEDULE NO. D12** (contd.)

## EXPERIMENTAL LARGE CUSTOMER LOW PEAK DEMAND SUPPLY RATE

Energy Charge: **4.133**¢ per kWh for all on-peak kWh **3.630**¢ per kWh for all off-peak kWh

Energy Voltage Level Discount: (0.056)¢ per kWh at transmission level

## **Delivery Charges:**

Subtransmission Service Charge: \$375 per month Transmission Service Charge: \$375 per month

Distribution Charges:

For service at subtransmission voltage (24 to 41.6 kV) \$1.73 per kW of maximum demand. For service at transmission voltage (120 kV and above) \$0.93 per kW of maximum demand.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of  $0.040\phi$  per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

### **DEFINITION OF CUSTOMER VOLTAGE LEVEL:** See Section C13.

**MONTHLY ON-PEAK BILLING DEMAND:** The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period, but not less than 50 kilowatts.

- MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.
- **MINIMUM CHARGE:** All applicable demand charges plus the service charge and any applicable per meter per month surcharges.

SCHEDULE OF ON-PEAK HOURS: See Section C11.

(Continued on Sheet No. D-48.07)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-48.06)

RATE SCHEDULE NO. D12 (contd.)

## EXPERIMENTAL LARGE CUSTOMER LOW PEAK DEMAND SUPPLY RATE

## **POWER FACTOR CLAUSE:**

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

SPECIAL TERMS AND CONDITIONS: The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load.

Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

CONTRACT TERM: The term is for five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the beginning of the last contract year.

Issued September 28, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission October 1, 2020 Filed by: MT Effective for service rendered on and after October 24, 2020

Issued under authority of the Michigan Public Service Commission dated September 24, 2020 in Case No. U-20612

### XL HIGH LOAD FACTOR RATE

- **AVAILABILITY OF SERVICE:** Available to customers desiring service at primary, sub-transmission, or transmission voltage who contract for a specified capacity of not less than 50,000 kilowatts, which may be located at one or more sites within the Company's electric service territory. The customer's load must reflect the following characteristics:
  - 1) The contract capacity under this schedule must be new and incremental. Existing ("baseline") usage will remain eligible for service under any other rate schedule or rider for which it qualifies. The required incremental contracted capacity must be in service within four years of initially taking service under this rate.
  - 2) Service taken by the customer must be at a load factor of no less than 75% for the capacity contracted under this rate. The required incremental load factor must be demonstrated in the twelve months following achievement of the contracted capacity described in (1) and maintained for the duration of service on this rate.
  - 3) Any customer site taking service under this rate shall require separately metered circuits for such service.
  - 4) Any customer failing to meet the incremental contract capacity and load factor requirement will be removed from this rate and placed on an eligible rate of the customer's choosing.
  - 5) The rate is not available to serve the load associated with data centers.
  - 6) Service on the rate is limited to the Company's available capacity.
  - 7) The rate is available at the discretion of the Company.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

- CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.
- **CONTRACT CAPACITY:** Customers shall contract for a specified capacity in megawatts sufficient to meet normal maximum requirements but not less than 50,000 kilowatts. The customer may not exceed the contract capacity by more than 5%. Demand in excess of 105% of contract capacity will be placed on Rate Schedule No. D11, or any other eligible rate at the election of the customer. At the Company's discretion, it may offer to increase contract capacity on this rate without effect on the term of the contract. The contract capacity for customers served at more than one voltage level at one site shall be the sum of the contract capacities established for each voltage level.

The contract capacity, however established, shall not be decreased during the term of the contract except by mutual consent, and in no event may a decrease in contract capacity result in less than the minimum required capacity or load factor.

### **RATES:**

Power Supply Charges for all service voltages

Capacity	\$15.14 / MWh
Non-Capacity	\$ <b>32.8</b> 7 / MWh
Transmission	\$ <b>3.08</b> / MWh

(Continued on Sheet No. D-48.09)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

RATES Deli

# (Continued from Sheet No. D-48.08)

#### RATE SCHEDULE NO. D13 (contd.)

#### XL HIGH LOAD FACTOR RATE

(contd.):	
ivery Charge	
Primary Service Charge	\$70 per meter/month
Subtransmission and Transmission Service Charge	\$375 per meter/month
Distribution Charges	
For primary service (less than 24 kV)	\$ <b>9.61</b> / MWh
For service at sub-transmission voltage $(24 \text{ to } 41.6 \text{ kV})$	\$263/MWh

For service at sub-transmission voltage (24 to 41.6 kV) For service at transmission voltage (120 kV and above) \$1.42 / MWh

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.55 per MWh shall be applied to the contracted load on this rate. A credit of 0.40 per MWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

\$0.15 / MWh

Administration Charge Administration

Surcharges and Credits: Customers are subject to surcharges as approved by the Commission. Customers taking service on this rate are not subject to the Power Supply Cost Recovery (PSCR) factor, the Nuclear Surcharge, or the Transitional Reconciliation Mechanism. Customers taking service on this rate will be subject to an adjustment to reconcile projected and actual power supply non-capacity and transmission costs.

Other: The power supply capacity charge shall remain fixed for the term of the contract

**BASELINE USAGE:** Baseline usage is the Customer's existing contracted capacity at the time of taking service on D13. The Company reserves the right to define baseline usage based on exceptional circumstances as appropriate. Baseline usage may be served on any eligible rate schedule or rider, and it may in the future take service under any eligible rate or rider. No capacity or energy defined as baseline is eligible for service under this rate schedule and no capacity or energy may be moved from a baseline usage circuit to a circuit served under this rate.

**DEFINITION OF LOAD FACTOR:** For the purposes of this rate schedule Load Factor is defined on an annual basis. It is calculated as:

(Total MWh of usage in year / (incremental contract capacity in MW\*hours in year))

**POWER FACTOR CLAUSE:** The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12. The Power Factor Clause will be applied to metered quantities.

(Continued on Sheet No. D-48.10)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

# (Continued from Sheet No. D-48.09)

#### **RATE SCHEDULE NO. D13** (contd.)

XL HIGH LOAD FACTOR RATE

MINIMUM CHARGE: The customer will be billed monthly based on actual usage, and the minimum charge will be applied on an annual basis. The minimum annual charge is defined as:

(Contract Capacity\*75%\*Hours in Year) X (Power Supply Capacity charge + Power Supply Non-Capacity charge + Power Supply Transmission charge + Distribution charge + Administration charge) + Delivery charge\*12 + Surcharges and Credits as applicable

If the total revenue collected from the customer is less than the minimum annual charge, the customer will be charged the difference in the next billing period. The customer is not due a refund or credit for usage or charges in excess of the minimum charge.

LATE PAYMENT CHARGE: See Section C4.8.

SPECIAL TERMS AND CONDITIONS: Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

See Section C6 for construction, system upgrade, and line extension policy

**CONTRACT TERM:** The minimum term under this rate is fifteen (15) years from the date initial service is provided under this rate, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party

Issued January 19, 2022
M. A. Bruzzano
Senior Vice President
Corporate Strategy & Regulatory Affairs

Michigan Public Service Commission January 26, 2022 Filed by: DW Effective for service rendered on and after January 21, 2022

Issued under authority of the Michigan Public Service Commission dated December 22, 2021 in Case No. U-21163

#### PRIMARY TOU

AVAILABILITY OF SERVICE: Available to customers desiring service at primary, sub-transmission, or transmission voltage who contract for a specified capacity of not less than 50 kilowatts at a single location. This rate will be effective no later than December 31, 2025.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 50 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

#### RATE PER MONTH:

Full Service Customers:	
Power Supply Charges:	
Capacity Energy	(June – September)
Summer On Peak	2.810¢ per kWh for all kWh
Summer Off Peak	1.672¢ per kWh for all kWh
Capacity Energy	(October – May)
Non-Summer On Peak	1.942¢ per kWh for all kWh
Non-Summer Off Peak	1.672¢ per kWh for all kWh

Capacity Voltage Level Discount: 0.072¢ per kWh at transmission level 0.032¢ per kWh at subtransmission level

Non-Capacity Energy	(June – September)
Summer On Peak	7.533¢ per kWh for all kWh
Summer Off Peak	4.483¢ per kWh for all kWh
Non-Capacity Energy	(October – May)
Non-Summer On Peak	5.207¢ per kWh for all kWh
Non-Summer Off Peak	4.483¢ per kWh for all kWh

Non-Capacity Voltage Level Discount: 0.192¢ per kWh at transmission level 0.086¢ per kWh at subtransmission level

Delivery Charges: Primary Service Charge: \$70 per month Subtransmission and Transmission Service Charge: \$375 per month

(Continued on Sheet No. D-48.12)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan



Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-48.11)

PRIMARY TOU

#### **Distribution Charges:**

For primary service (less than 24 kV) \$6.32 per kW of maximum demand. For service at subtransmission voltage (24 to 41.6 kV) \$1.73 per kW of maximum demand. For service at transmission voltage (120 kV and above) \$0.93 per kW of maximum demand.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of 0.040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

#### **Retail Access Service Customers:**

Capacity (Only applicable to Retail Access Service Customers receiving Utility Capacity Service from DTE Electric)

Capacity Energy	(June – September)
Summer On Peak	2.810¢ per kWh for all kWh
Summer Off Peak	1.672¢ per kWh for all kWh
Capacity Energy	(October – May)
Non-Summer On Peak	1.942¢ per kWh for all kWh
Non-Summer Off Peak	1.672¢ per kWh for all kWh

Capacity Voltage Level Discount: 0.072¢ per kWh at transmission level 0.032¢ per kWh at subtransmission level

Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C5.8.

#### **Delivery Charges:**

Primary Service Charge:\$70 per monthSubtrassmission and Transmission Service Charge:\$375 per month

#### **Distribution Charges:**

For primary service (less than 24 kV) \$6.32 per kW of maximum demand. For service at subtransmission voltage (24 to 41.6 kV) \$1.73 per kW of maximum demand. For service at transmission voltage (120 kV and above) \$0.93 per kW of maximum demand.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$0.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of 0.040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

(Continued on Sheet No. D-48.13)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-48.12)

**PRIMARY TOU** 

Surcharges and Credits: As approved by the Commission. See Section C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

**DEFINITION OF CUSTOMER VOLTAGE LEVEL:** See Section C13.

- MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.
- MINIMUM CHARGE: All applicable demand charges plus the service charge and any applicable per meter per month surcharges.

SCHEDULE OF ON-PEAK HOURS: See Section C11.

#### **POWER FACTOR CLAUSE:**

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

**Retail Access Service Customers:** 

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

SPECIAL TERMS AND CONDITIONS: The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load.

Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

Customers will be permitted to transfer from this rate to a secondary commercial rate, provided they can meet the availability requirements, if the load characteristic changes sufficiently so that the customer would benefit by the change for the foreseeable future even though metering was continued at primary voltage. Frequent changes, however, from one rate to another for a period less than one full year will not be permitted in accordance with Section C4.4 - Choice of Rates.

(Continued on Sheet No. D-48.14)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission
March 11, 2025
Filed by: DW

Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-48.13)

PRIMARY TOU

# SPECIAL TERMS AND CONDITIONS (Contd.)

For example, during the period that a building is under construction, primary service may be supplied and metered at primary voltage and billed on a secondary rate while the building is under the jurisdiction of the contractor.

Also, for the convenience of the utility, service to a large school complex or a high rise building where, as a matter of design, primary voltage is furnished with Company owned transformers at remote locations fed by customer owned primary cables, the account can be billed on a secondary rate though metered at one central primary voltage location at or near the termination of the utility-owned cables.

At the option of the Company, service may be supplied at the primary voltage and metered at a secondary voltage when the customer transfers from a secondary rate. For loads metered at a secondary voltage (less than 600V), all measured quantities shall be increased by 2%.

**CONTRACT TERM:** For new primary installations over 1000 kW the term is for not less than five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the end of the fourth year. For new primary installations of 1000 kW or less and for new customers at existing installations, the term is for three years which under special circumstances may be increased or reduced at the discretion of the Company, extending thereafter from month-to-month until terminated by mutual consent or on one month written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

# MUNICIPAL STREET LIGHTING RATE

- **AVAILABILITY OF SERVICE:** Available to governmental agencies desiring controlled nighttime service for street lighting, for public thoroughfares, public parking lots and other public areas. Mercury Vapor service listed hereunder is not available for new business, but will be continued for customers taking said service as of July 23, 1981.
- **HOURS OF SERVICE:** *Dusk to dawn service* controlled by photo-sensitive devices, the street lights are burning all *night for approximately 4200 hours per year*.

## KIND OF SERVICE: Municipal Street Lighting from overhead lines or underground circuits.

The Company presently has three (3) street lighting rate options available to municipalities. They are: *Option* (I) A Company owned system, *Option* (II) A municipally owned and Company maintained system (*closed to new customers*), *Option* (III) A municipally owned and maintained system.

#### OPTION I

The Company will clean, inspect, operate and maintain street lighting equipment and furnish lamp replacements. Non-functional lights must be reported by the customer and the Company will replace the lights as soon as possible during regular working hours.

SPECIAL ORDER MATERIAL PROVISION: For decorative or ornamental special order material, there may be an additional per luminaire per month charge for procurement and material handling. Company and Customer to mutually agree upon charges.

## OPTION II

Where the street lighting system is owned by the municipality, but is maintained by the Company, the normal maintenance will consist of replacement of glassware and lamps. Major maintenance such as broken lamp posts, etc., must be paid for by the municipality. The street lighting system must be built to Company specifications.

This option has been closed to new customers effective January 14, 2009.

Existing Option II customers desiring a change to emerging lighting technology (including LEDs) will be required to convert either to Option I or Option III to accommodate this change in lighting source.

# OPTION III

Where the municipality owns and maintains the system, the Company's function will be confined solely to the supply of electricity. Customers desiring service under Option III are free to determine the appropriate light source for their application including incumbent and emerging technologies (including LEDs). Customers must supply adequate documentation of the wattage of the light source that will be subject to the approval of the Company.

**RATES:** As shown on Sheet Nos. D-50.00, D-51.00 and D-52.00.

**BILLING:** Billing will be on a monthly basis using the annual rate divided by twelve and rounded to the nearest cent.

SURCHARGES AND CREDITS: As approved by the Commission. See Sections C8.5 and C9.8. (Continued on Sheet No. D-50.00)

Issued February 23, 2017
D. M. Stanczak
Vice President
Regulatory Affairs

Michigan Public Service Commission February 27, 2017 Effective for service rendered on and after Febraury 7, 2017

Issued under authority of the Michigan Public Service Commission dated January 31, 2017 in Case No. U-18014

(Continued from Sheet No. D-49.00)

## **RATE SCHEDULE NO. E1** (Contd.)

# MUNICIPAL STREET LIGHTING RATE

**CONTRACT TERM:** Minimum 5 year term. Upon expiration of the initial term shall continue on a month-tomonth basis until terminated by mutual written consent of the parties or by either party with thirty (30) days prior written notice to the other party. Any conversion, relocation and/or removal of existing street lighting facilities at the customer's request, including those removals necessitated by termination of service, must be paid for by the customer. The detailed provisions and schedule of charges, which may include the remaining value of the existing facilities, will be quoted upon request. The Company shall not withdraw service, and the municipality shall not substitute another source of service in whole or in part, without twelve months' written notice to the other party.

# **Option I:** Company Owned Street Lighting System

Where new installations require an investment in excess of an investment allowance, Option I is available only to customers who make a contribution in aid of construction equal to the amount by which the investment exceeds three times the annual revenue at the prevailing rate at the time of installation. (Effective January 1, 1991, the investment amount will be limited to direct cost. Effective January 1, 1992, the investment amount will include full cost.)

As an alternative, where the required contribution exceeds 10,000, upon agreement of the customer and the Company, the customer will pay an additional annual charge of the Company's weighted average cost of capital (7.05%) times the contribution amount in lieu of the cash contribution.

For new underground-fed installations of 5 lights or more after May 1, 2019, which require investment in excess of three times the annual revenue at the prevailing rate at the time of installation, the customer may elect to pay a post charge for each increment of \$1,000 investment required above three times the annual revenue.

- **DE-ENERGIZED LIGHTS:** Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 60% of the regular yearly rates. A \$35.00 charge per luminaire will be made at the time of de-energization and at the time of re-energization.
- **DUSK TO MIDNIGHT SERVICE:** For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a distribution discount of 1.060¢ per nominal lamp size wattage per month and a 50% reduction in the average monthly hours of use will be applied. One control per circuit or luminaire will be provided.

**EXPERIMENTAL PROGRAMMABLE PHOTOCELL SERVICE:** Customers may elect to place luminaires on photocells that are programmable to turn off lights at pre-determined times during the night. A distribution discount of 1.060¢ per nominal lamp size wattage per month and a 50% reduction in the average monthly hours on use will be applied.

MONTHLY RATES OPTION I: Overhead Municipal Street Lighting (All-night service).

Power Supply Charges: Capacity Energy Charge: 0.00¢ per kWh for all kWh Non-Capacity Energy Charge: 4.61¢ per kWh for all kWh

(Continued on Sheet No. D-50.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

# (Continued from Sheet No. D-50.00)

# RATE SCHEDULE NO. E1 (Contd.)

# MUNICIPAL STREET LIGHTING RATE

Lu	minaire Charges:	·					
(a) Nominal Lamp	(b) Type of	(c) Distribution Charge per Lamp per	(d) System	(e) Average Monthly Hours	(f) Energy	(g) Average Energy Cost per Month	(h) Average Monthly
Size	Service	Month	Wattage	(4200/12)	Charge	(d*e*f/1000)	Cost
100 W	Mercury Vapor	\$26.79	120	350	\$0.0461	\$1.93	\$28.73
175 W	Mercury Vapor	\$33.17	210	350	\$0.0461	\$3.39	\$36.55
250 W	Mercury Vapor	\$40.61	300	350	\$0.0461	\$4.84	\$45.45
400 W	Mercury Vapor	\$52.47	450	350	\$0.0461	\$7.26	\$59.73
1,000 W	Mercury Vapor	\$100.17	1060	350	\$0.0461	\$17.09	\$117.26
70 W	High Pressure Sodium	\$19.94	95	350	\$0.0461	\$1.53	\$21.47
100 W	High Pressure Sodium	\$22.77	135	350	\$0.0461	\$2.18	\$24.95
150 W	High Pressure Sodium	\$27.72	200	350	\$0.0461	\$3.22	\$30.95
250 W	High Pressure Sodium	\$35.59	305	350	\$0.0461	\$4.92	\$40.50
360 W	High Pressure Sodium	\$44.02	418	350	\$0.0461	\$6.74	\$50.75
400 W	High Pressure Sodium	\$47.53	465	350	\$0.0461	\$7.50	\$55.03
1,000 W	High Pressure Sodium	<i>\$94.99</i>	1100	350	\$0.0461	\$17.74	\$112.73
70 W	Metal Halide	\$25.87	85	350	\$0.0461	\$1.37	\$27.24
100 W	Metal Halide	\$26.25	120	350	\$0.0461	\$1.93	\$28.19
150 W	Metal Halide	\$32.45	180	350	\$0.0461	\$2.90	\$35.35
175 W	Metal Halide	\$34.73	210	350	\$0.0461	\$3.39	\$38.12
250 W	Metal Halide	\$43.22	300	350	\$0.0461	\$4.84	\$48.05
320 W	Metal Halide	\$51.12	365	350	\$0.0461	\$5.88	\$57.00
400 W	Metal Halide	\$58.78	460	350	\$0.0461	\$7.42	\$66.20
1,000 W	Metal Halide	\$121.38	1050	350	\$0.0461	\$16.93	\$138.31
20 - 29 W	LED	\$15.80	25	350	\$0.0461	\$0.40	\$16.20
30 - 39 W	LED	\$16.62	35	350	\$0.0461	\$0.56	\$17.18
40 - 49 W	LED	\$17.73	45	350	\$0.0461	\$0.73	\$18.46
50 - 59 W	LED	\$18.98	55	350	\$0.0461	\$0.89	\$19.87
60 - 69 W	LED	\$20.24	65	350	\$0.0461	\$1.05	\$21.29
70 - 79 W	LED	\$21.50	75	350	\$0.0461	\$1.21	\$22.71
80 - 89 W	LED	\$22.77	85	350	\$0.0461	\$1.37	\$24.14
90 - 99 W	LED	\$24.03	95	350	\$0.0461	\$1.53	\$25.56
100 - 109 W	LED	\$25.29	105	350	\$0.0461	\$1.69	\$26.98
110 - 119 W	LED	\$26.55	115	350	\$0.0461	\$1.85	\$28.40
120 - 129 W	LED	\$27.81	125	350	\$0.0461	\$2.02	\$29.83
130 - 139 W	LED	\$28.36	135	350	\$0.0461	\$2.18	\$30.53
140 - 149 W	LED	\$29.41	145	350	\$0.0461	\$2.34	\$31.75
150 - 159 W	LED	\$30.47	155	350	\$0.0461	\$2.50	\$32.97
160 - 169 W	LED	\$31.53	165	350	\$0.0461	\$2.66	\$34.19

(Continued on Sheet No. D-50.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

# (Continued from Sheet No. D-50.01)

# RATE SCHEDULE NO. E1 (Contd.)

# MUNICIPAL STREET LIGHTING RATE

Lum	inaire Charge	s (Contd.):					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Nominal Lamp Size	Type of Service	Distribution Charge per Lamp per Month	System Wattage	Average Monthly Hours (4200/12)	Energy Charge	Average Energy Cost per Month (d*e*f/1000)	Average Monthly Cost
170 - 179 W	LED	\$32.59	175	350	\$0.0461	\$2.82	\$35.41
180 - 189 W	LED	\$33.56	185	350	\$0.0461	\$2.98	\$36.54
190 - 199 W	LED	\$33.44	195	350	\$0.0461	\$3.14	\$36.59
200 - 209 W	LED	\$35.39	205	350	\$0.0461	\$3.31	\$38.70
210 - 219 W	LED	\$36.30	215	350	\$0.0461	\$3.47	\$39.77
220 - 229 W	LED	\$36.32	225	350	\$0.0461	\$3.63	\$39.94
230 - 239 W	LED	\$36.92	235	350	\$0.0461	\$3.79	\$40.71
240 - 249 W	LED	\$37.81	245	350	\$0.0461	\$3.95	\$41.76
250 - 259 W	LED	\$38.70	255	350	\$0.0461	\$4.11	\$42.82
260 - 269 W	LED	\$40.15	265	350	\$0.0461	\$4.27	\$44.42
270 - 279 W	LED	\$41.10	275	350	\$0.0461	\$4.43	\$45.54
280 - 289 W	LED	\$41.36	285	350	\$0.0461	\$4.59	\$45.96
290 - 299 W	LED	\$42.25	295	350	\$0.0461	\$4.76	\$47.01
300 - 309 W	LED	\$43.14	305	350	\$0.0461	\$4.92	\$48.06
310 - 319 W	LED	\$44.93	315	350	\$0.0461	\$5.08	\$50.01
320 - 329 W	LED	\$44.92	325	350	\$0.0461	\$5.24	\$50.16
330 - 339 W	LED	\$46.85	335	350	\$0.0461	\$5.40	\$52.25
340 - 349 W	LED	\$47.81	345	350	\$0.0461	\$5.56	\$53.37
350 - 359 W	LED	\$48.76	355	350	\$0.0461	\$5.72	\$54.49
360 - 369 W	LED	\$49.72	365	350	\$0.0461	\$5.88	\$55.61
370 - 379 W	LED	\$50.68	375	350	\$0.0461	\$6.05	\$56.73
380 - 389 W	LED	\$51.64	385	350	\$0.0461	\$6.21	\$57.84
390 - 399 W	LED	\$52.59	395	350	\$0.0461	\$6.37	\$58.96

Multiple Lamps on a Single Pole

• For each additional luminaire added to the same pole, reduce rate per lamp per year on the added luminaire \$12.24.

The Energy Policy Act of 2005 states that no Mercury Vapor lamp ballasts may be manufactured or imported after January 1, 2008. As a result, effective January 1, 2008, new Mercury Vapor lamps will no longer be available. Customers with existing Mercury Vapor lamp ballasts will continue to receive service until those luminaires fail. At that time, the luminaire will be converted to LED.

(Continued on Sheet No. D-51.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-50.02)

# **RATE SCHEDULE NO. E1** (Contd.)

# MUNICIPAL STREET LIGHTING RATE

**Option I:** Company Owned Street Lighting System (Contd.)

**MONTHLY RATES OPTION I:** Ornamental Underground Municipal Street Lighting for Lamp Spacing up to 120 Feet of Street (All-night service).

Power Supply Charges: Capacity Energy Charge: 0.00¢ per kWh for all kWh Non-Capacity Energy Charge: 4.61¢ per kWh for all kWh

#### Luminaire Charges:

(a)	<u>(b)</u>	(c)	(d)	(e)	(f)	(g)	(h)
		Distribution		Average		Average	
Nominal		Charge per		Monthly		Energy Cost	Average
Lamp	Type of	Lamp per	System	Hours	Energy	per Month	Monthly
Size	Service	Month	Wattage	(4200/12)	Charge	(d*e*f/1000)	Cost
100 W	Mercury Vapor	\$32.39	120	350	\$0.0461	\$1.93	\$34.32
175 W	Mercury Vapor	\$37.49	210	350	\$0.0461	\$3.39	\$40.88
250 W	Mercury Vapor	\$45.35	300	350	\$0.0461	\$4.84	\$50.19
400 W	Mercury Vapor	\$58.06	450	350	\$0.0461	\$7.26	\$65.31
1,000 W	Mercury Vapor	\$105.88	1060	350	\$0.0461	\$17.09	\$122.97
70 W	High Pressure Sodium	\$24.70	95	350	\$0.0461	\$1.53	\$26.23
100 W	High Pressure Sodium	\$27.96	135	350	\$0.0461	\$2.18	\$30.14
150 W	High Pressure Sodium	\$30.91	200	350	\$0.0461	\$3.22	\$34.13
250 W	High Pressure Sodium	\$38.67	305	350	\$0.0461	\$4.92	\$43.59
360 W	High Pressure Sodium	\$47.65	418	350	\$0.0461	\$6.74	\$54.39
400 W	High Pressure Sodium	\$49.85	465	350	\$0.0461	\$7.50	\$57.35
1,000 W	High Pressure Sodium	\$98.48	1100	350	\$0.0461	\$17.74	\$116.22
70 W	Metal Halide	\$34.28	85	350	\$0.0461	\$1.37	\$35.65
100 W	Metal Halide	\$36.27	120	350	\$0.0461	\$1.93	\$38.21
150 W	Metal Halide	\$42.34	180	350	\$0.0461	\$2.90	\$45.24
175 W	Metal Halide	\$40.37	210	350	\$0.0461	\$3.39	\$43.76
250 W	Metal Halide	\$47.93	300	350	\$0.0461	\$4.84	\$52.76

(Continued on Sheet No. D-51.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

# (Continued from Sheet No. D-51.00)

# RATE SCHEDULE NO. E1 (Contd.)

# MUNICIPAL STREET LIGHTING RATE

## Luminaire Charges (Contd):

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	<u> </u>	Distribution		Average		Average	
Nominal		Charge per		Monthly		Energy Cost	Average
Lamp	Type of	Lamp per	System	Hours	Energy	per Month	Monthly
Size	Service	Month	Wattage	(4200/12)	Charge	(d*e*f/1000)	Cost
320 W	Metal Halide	\$54.26	365	350	\$0.0461	\$5.88	\$60.15
400 W	Metal Halide	\$62.50	460	350	\$0.0461	\$7.42	\$69.92
1,000 W	Metal Halide	\$105.01	1050	350	\$0.0461	\$16.93	\$121.94
20 - 29						<b>a a a</b>	
W 20, 20	LED	\$19.95	25	350	\$0.0461	\$0.40	\$20.36
30 - 39 W	LED	\$21.19	35	350	\$0.0461	\$0.56	\$21.75
40 - 49 W	LED	\$21.92	45	350	\$0.0461	\$0.73	\$22.65
50 - 59		,	-				
W	LED	\$22.64	55	350	\$0.0461	\$0.89	\$23.53
60 - 69 W	LED	\$23.36	65	350	\$0.0461	\$1.05	\$24.41
70 - 79	LED	\$25.50	05	350	\$0.0401	\$1.05	\$24.41
W	LED	\$24.09	75	350	\$0.0461	\$1.21	\$25.30
80 - 89							
W	LED	\$24.88	85	350	\$0.0461	\$1.37	\$26.25
90 - 99 W	LED	\$25.85	95	350	\$0.0461	\$1.53	\$27.38
100 -		\$25.05	,,,	550	\$0.0401	\$1.55	<i>\$27.30</i>
109 W	LED	\$26.82	105	350	\$0.0461	\$1.69	\$28.51
110 - 119 W	LED	\$27.78	115	350	\$0.0461	\$1.85	\$29.64
120 -							
129 W	LED	\$28.75	125	350	\$0.0461	\$2.02	\$30.77
130 - 139 W	LED	\$29.72	135	350	\$0.0461	\$2.18	\$31.90
140 -	LED	\$27.72	155	550	\$0.0401	\$2.10	\$51.70
149 W	LED	\$30.59	145	350	\$0.0461	\$2.34	\$32.93
150 -							
159 W	LED	\$31.46	155	350	\$0.0461	\$2.50	\$33.96
160 -	LED	622.22	165	250	60.04/1	eo	<b>63</b> ( 66
169 W 170 -	LED	\$32.32	165	350	\$0.0461	\$2.66	\$34.98
170 - 179 W	LED	\$33.19	175	350	\$0.0461	\$2.82	\$36.01
179 w 180 -	LED	\$33.19	1/3	330	\$0.0401	\$2.82	\$30.01
180 - 189 W	LED	\$34.06	185	350	\$0.0461	\$2.98	\$37.04
109 w	LLD	<i>\$37.00</i>	105	550	<i>\$</i> 0.0701	φ2.70	<i>\$37.07</i>
199 W	LED	\$ <i>34</i> .88	195	350	\$0.0461	\$3.14	\$38.02
200 -							
209 W	LED	\$35.80	205	350	\$0.0461	\$3.31	\$39.10
210 -							
219 W	LED	\$36.66	215	350	\$0.0461	\$3.47	\$40.13
220 -		625	225	250		<b>6</b> 2 <b>(</b> 2	
229 W	LED	\$37.51	225	350	\$0.0461	\$3.63	\$41.14

(Continued on Sheet No. D-51.02)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

# (Continued from Sheet No. D-51.01)

# RATE SCHEDULE NO. E1 (Contd.) Luminaire Charges (Contd):

# MUNICIPAL STREET LIGHTING RATE

(a)	<u>(b)</u>	(c)	(d)	(e)	(f)	(g)	(h)
Nominal Lamp Size	<u>Type of</u> Service	Distribution Charge per Lamp per <u>Month</u>	System Wattage	Average Monthly Hours (4200/12)	Energy Charge	Average Energy Cost per Month (d*e*f/1000)	Average Monthly Cost
230 -							
239 W	LED	\$38.40	235	350	\$0.0461	\$3.79	\$42.19
240 -							
249 W	LED	\$39.27	245	350	\$0.0461	\$3.95	\$43.22
250 - 259 W	LED	\$40.14	255	350	\$0.0461	\$4.11	\$44.25
260 - 269 W	LED	\$41.00	265	350	\$0.0461	\$4.27	\$45.28
270 - 279 W	LED	\$41.90	275	350	\$0.0461	\$4.43	\$46.33
280 -		+ · · · · ·					
289 W	LED	\$42.74	285	350	\$0.0461	\$4.59	\$47.43
290 - 299 W	LED	\$43.61	295	350	\$0.0461	\$4.76	\$48.36
300 - 309 W	LED	\$44.53	305	350	\$0.0461	\$4.92	\$49.45
310 - 319 W	LED	\$45.41	315	350	\$0.0461	\$5.08	\$50.49
320 - 329 W	LED	\$46.29	325	350	\$0.0461	\$5.24	\$51.53
330 - 339 W	LED	\$47.16	335	350	\$0.0461	\$5.40	\$52.56
340 - 349 W	LED	\$48.04	345	350	\$0.0461	\$5.56	\$53.60
350 - 359 W	LED	\$48.92	355	350	\$0.0461	\$5.72	\$54.64
360 - 369 W	LED	\$49.80	365	350	\$0.0461	\$5.88	\$55.68
370 - 379 W	LED	\$50.67	375	350	\$0.0461	\$6.05	\$56.72
380 - 389 W	LED	\$51.55	385	350	\$0.0461	\$6.21	\$57.76
390 - 399 W	LED	\$52.43	395	350	\$0.0461	<b>\$6.3</b> 7	\$58.80

# Long Span

• For lamp spacing over 120 feet up to 325 feet on the same side of street, add to rate per lamp per year......\$24.48

# Semi-Ornamental

• For Semi-Ornamental Systems which employ Ornamental Post Units served from overhead conductors, where such construction is practical, reduce rate per luminaire per year ....... \$21.48

# Post Charge

• For each increment of \$1,000 of investment which exceeds three times the annual revenue at the prevailing rate at the time of installation, add to rate per year.....\$84.96

(Continued on Sheet No. D-52.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-51.02)

# **RATE SCHEDULE NO. E1** (Contd.)

# MUNICIPAL STREET LIGHTING RATE

## Multiple Luminaires on a Single Pole

# **OPTION II: Street Equipment Owned by Municipality**

MONTHLY RATES OPTION II: Overhead and Underground Ornamental Municipality Owned Street Lighting (All-night service).

(a)	<u>(b)</u>	(c)	(d)	(e)	(f)	(g)	(h)
Nominal Lamp Size	<u>Type of</u> <u>Service</u>	Distribution Charge per <u>Lamp per</u> <u>Month</u>	System Wattage	Average Monthly Hours (4200/12)	Energy Charge	Average Energy Cost per Month (d*e*f/1000)	Average Monthly Cost
175 W	Mercury Vapor	\$10.11	210	350	\$0.0461	\$3.39	\$13.50
	Mercury						
250 W	Vapor	\$14.45	300	350	\$0.0461	\$4.84	\$19.29
	Mercury						
400 W	Vapor	\$21.67	450	350	\$0.0461	\$7.26	\$28.93
1,000 W	Mercury Vapor	\$51.06	1060	350	\$0.0461	\$17.09	\$68.15
	High Pressure	\$51.00	1000	550	<i>\$0.0101</i>	<i>\$17.07</i>	\$00.15
70 W	Sodium	\$5.84	95	350	\$0.0461	\$1.53	\$7.37
100 W	High Pressure Sodium	\$7.63	135	350	\$0.0461	\$2.18	\$9.80
	High Pressure						
250 W	Sodium	\$15.21	305	350	\$0.0461	\$4.92	\$20.13
360 W	High Pressure Sodium	\$20.25	418	350	\$0.0461	\$6.74	\$26.99
400 W	High Pressure Sodium	\$22.34	465	350	\$0.0461	\$7.50	\$29.84
1,000	High Pressure	φ <b>22.</b> 37	100	550	<i>\$</i> 0.0701	φ,	<i><i><i><i><i>φ</i>μ)</i>.07</i></i></i>
W	Sodium	\$50.66	1100	350	\$0.0461	\$17.74	\$68.40

Power Supply Charges: Capacity Energy Charge: 0.00¢ per kWh for all kWh Non-Capacity Energy Charge: 4.61¢ per kWh for all kWh

• The Energy Policy Act of 2005 states that no Mercury Vapor lamp ballasts may be manufactured or imported after January 1, 2008. As a result, effective January 1, 2008, new Mercury Vapor lamps will no longer be available. Customers with existing Mercury Vapor lamp ballasts will continue to receive service until those luminaires fail. At that time, customers will be given the option of switching to High Pressure Sodium, Metal Halide, LED or retiring the Luminaire.

(Continued on Sheet No. D-53.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-52.00)

#### RATE SCHEDULE NO. E1 (Contd.)

# MUNICIPAL STREET LIGHTING RATE

- **DE-ENERGIZED LIGHTS:** Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 10% of the above yearly rates. A \$35.00 charge per luminaire will be made at the time of de-energization and at the time of re-energization.
- **DUSK TO MIDNIGHT SERVICE:** For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a discount of 1.060¢ per nominal watt per month will be applied. One control per circuit will be provided.
- **OPTION III:** Municipally Owned and Maintained Street Lighting System (Unmetered)
- **HOURS OF SERVICE:** For circuits controlled by automatic timing devices, one-half hour after sunset until onehalf hour before sunrise. For circuits controlled by photo-sensitive devices, dusk to dawn for approximately 4,200 hours per year.
- **RATES**: Where the municipality owns, operates, cleans and renews the lamps, and the Company's service is confined solely to the supply of electricity from dusk to dawn, the monthly charge of said service shall be a power supply capacity energy charge of  $0.00\phi$  per kilowatthour, a power supply non-capacity charge of  $4.61\phi$  per kilowatthour and a distribution charge of  $12.81\phi$  per kilowatthour. If it is necessary for the Company to install facilities to provide service for the lamps, the customer will reimburse the Company for these costs. Contract Rider No. 2 charges will also apply.
- **OPTION III:** Municipally Owned and Maintained Street Lighting System (Controlled/Metered)
- **AVAILABILITY OF SERVICE**: Available to governmental agencies desiring controlled nighttime service for primary or secondary voltage energy-only street lighting service where the Company has existing distribution lines available for supplying energy for such service. Luminaires served under any of the Company's other street lighting rates shall not be intermixed with luminaires serviced under this street lighting rate. This rate is not available for resale purposes. Service is governed by the Company's Standard Rules and Regulations.

# KIND OF SERVICE:

- Secondary Voltage Service: Alternating current, 60 hertz, single-phase 120/240 nominal volt service for a minimum of ten luminaires located within a clearly defined area. Except for control equipment, the customer will furnish, install, own and maintain all equipment comprising the street lighting system up to the point of attachment with the Company's distribution system. The Company will connect the customer's equipment to the Company's lines and supply the energy for operation. All of the customer's equipment will be subject to the Company's review.
- **Primary Voltage Service:** Alternating current, 60 hertz, single-phase or three-phase, primary voltage service for actual demands of not less than 100 kW at each point of delivery. The particular nature of the voltage shall be determined by the Company. The customer will furnish, install, own and maintain all equipment comprising the street lighting system, including control equipment, up to the point of attachment with the Company's distribution system. The Company will supply the energy for operation of the customer's street lighting system.

(Continued on Sheet No. D-54.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-53.00)

### **RATE SCHEDULE NO. E1** (Contd.)

#### MUNICIPAL STREET LIGHTING RATE

Primary and Secondary Energy Full Service Customers:

#### **Power Supply Charge:**

Capacity Dusk to Midnight: 8.305¢ per kWhCapacity Energy Charge: 1.901¢ per kWh for all kWhNon-Capacity Energy Charge: 3.730¢ per kWh for all kWh

# **Delivery System Charge:**

 $5.858 \notin$  per kWh based on the capacity requirements in kilowatts of the equipment assuming 4,200 burning hours per year, adjusted by the ratio of the monthly kWh consumption to the total annual kWh consumption.

## **Retail Access Service Customers:**

Power Supply Charges for Retail Access Service Customers taking Utility Capacity Service from DTE:

Capacity Energy Charge: **1.901**¢ per kWh for all kWh

#### **Delivery System Charge:**

5.858¢ per kWh based on the capacity requirements in kilowatts of the equipment assuming 4,200 burning hours per year, adjusted by the ratio of the monthly kWh consumption and the total annual kWh consumption.

At the Company's option, service may be metered and the metered kWh will be the basis for billing. Capacity requirements of lighting equipment shall be determined by the Company from manufacturer specifications, but the Company maintains the right to test such capacity requirements from time to time. In the event that Company tests show capacity requirements other than those indicated in manufacturer specifications, the capacity requirements indicated by Company tests will be used. The customer shall not change the capacity requirements of its equipment without first notifying the Company in writing.

BILLING: Billing will be on a monthly basis.

**SURCHARGES AND CREDITS:** As approved by the Commission. Power Supply Charges are subject to Section C8.5. Delivery Charges are subject to Section C9.8.

#### LATE PAYMENT CHARGE: See Section C4.8.

#### MINIMUM CHARGE: The contract minimum.

**CONTRACT TERM:** Contracts will be taken for a minimum of two years, extending thereafter from year to year until terminated by mutual consent or upon 12 months' written notice by either party.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

# TRAFFIC AND SIGNAL LIGHTS

**AVAILABILITY OF SERVICE:** Available to municipalities or other public authorities, hereinafter referred to as customer, operating lights for traffic regulation or signal lights on streets, highways, airports or water routes, as distinguished from street lighting. Customers desiring service under Rate Schedule No. E2 are free to determine the appropriate light source for their application including incumbent and emerging technologies (including LEDs). Customers must supply adequate documentation of the wattage of the light source that will be subject to the approval of the Company.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, at 120 volts two-wire.

**SERVICE CONNECTIONS:** The customer is to furnish and maintain all necessary wiring and equipment, including lamps and lamp replacements, or reimburse the Company therefore, except that the Company will furnish, install and maintain such span poles and messenger cable as may be needed to support the traffic or signal lights of the overhead type. Connections are to be brought to the Company's underground and overhead lighting mains by the customer as directed by the Company, and the final connection to the Company's main is to be made by the Company.

Conversion and/or relocation of existing facilities must be paid for by the customer, except when initiated by the Company. The detailed provisions and schedule of such charges will be quoted upon request.

**RATES:** Distribution charge of 2.91 e, capacity energy charge of 1.53 e and non-capacity energy charge of 4.92 e per month per kilowatthour of the total connected traffic light or signal light load in service for each customer.

Total connected wattage will be reckoned as of the fifteenth of the month. Lamps removed from service before the fifteenth or placed in service on or after the fifteenth will be omitted from the reckoning; conversely, lamps placed in service on or before the fifteenth of the month or removed from service after the fifteenth of the month will be reckoned for a full month. Lamps operated cyclically, on and off, will be reckoned at one-half wattage and billed for a full month. No such reduction of reckoned wattage will be allowed for lamps in service but turned off during certain hours of the day.

The Company may, at its option, install meters and apply a standard metered rate schedule applicable to the service.

SURCHARGES AND CREDITS: As approved by the Commission. See Sections C8.5 and C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

- MINIMUM CHARGE: \$3.00 per customer per month.
- **CONTRACT TERM:** Open order on a month-to-month basis. However, the Company shall not withdraw service, and the customer shall not substitute another source of service in whole or in part, without twelve months' written notice to the other party.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

# HOLD FOR FUTURE USE

Issued February 6, 2013 N. A. Khouri Vice President Regulatory Affairs

Michigan Public Service Commission February 13, 2013 Effective for service rendered on and after January 27, 2012

Issued under authority of the Michigan Public Service Commission dated October 20, 2011 in Case No. U-16472 and October 9, 2007 in Case No. U-15152

# **STANDARD CONTRACT RIDER NO. 1.1**

# ALTERNATIVE ELECTRIC METAL MELTING

<b>APPLICABLE TO:</b>	General Service Rate	
	Large General Service Rate	
	Interruptible Supply Rate	
	Primary Supply Rate	

Schedule Designation D3 Schedule Designation D4 Schedule Designation D8 Schedule Designation D11

Customers operating electric furnaces for metal melting or for the reduction of metallic ores and/or electric use consumed in holding operations and taking their supply at any of the above rates and who provide special circuits so that the Company may install necessary meters, may take service under this interruptible service Rider subject to <u>Section C4.4</u> - <u>Choice of Rates</u>. *Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.* 

**HOURS OF INTERRUPTION:** All interruptible load served hereunder shall be subject to interruption by the Company in order to maintain system integrity. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3.

**TESTING PROCEDURES:** In accordance with participation in an interruptible tariff, the customer agrees to comply with Company requirements regarding testing procedures. Customer shall complete and sign an interruptible responsibility letter annually by April 1<sup>st</sup>. Failure to sign and submit the interruptible responsibility letter may result in removal from this interruptible tariff. The letter designates that the customer understands their responsibility to interrupt, has an interruption plan, and has the capability to interrupt the contracted load. In addition, the Company will conduct multiple simulations each year to verify the communication system is working properly.

**NOTICE OF INTERRUPTION:** The customer shall be provided, whenever possible; 1) notice in advance (generally 1 hour) of probable interruption; 2) the time in which customer must fully reduce load, and; 3) the estimated duration of the interruption. The customer shall be provided notice of the actual end time for the system integrity order.

**NON-INTERRUPTION PENALTY:** A customer who does not fully comply with the timing and load reduction prescribed in the Notice of Interruption shall be billed at the rate the higher of (i) the rate of \$50 per kW applied to the highest 60-minute integrated interruptible demand (kW) created during the interruption period or (ii) the actual damages incurred by the Company, including any MISO penalties, in addition to the prescribed monthly rate. In addition, the interruptible contract capacity of a customer who does not fully comply with an interruption order may be immediately reduced by the amount the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

Electric energy from any facilities, other than the Company's, except for on-site generation installed prior to January 1, 1986, will be used to first reduce the sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No. 3, No. 5 or No. 6.

(Continued on Sheet No. D-58.00)

Issued February 28, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission February 29, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

(Continued from Sheet No. D-57.00)

#### STANDARD CONTRACT RIDER NO. 1.1 (Contd.)

# ALTERNATIVE ELECTRIC METAL MELTING

## **RATE PER MONTH:**

#### Full Service Customers:

## **Power Supply Charges:**

# Capacity

Energy Charges:
For service at secondary voltage level (less than 4.8 kV)
1.897¢ per kWh for the first 100 hours use of maximum demand
0.718¢ per kWh for the excess

For service at primary voltage level (4.8 kV to 13.2 kV) 1.411¢ per kWh for the first 100 hours use of maximum demand 0.513¢ per kWh for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)  $1.376\phi$  per kWh for the first 100 hours use of maximum demand  $0.478\phi$  per kWh for the excess

For service at transmission voltage level (120 kV and above)  $1.166 \notin$  per kWh for the first 100 hours use of maximum demand  $0.387 \notin$  per kWh for the excess

#### **Non-Capacity**

Energy Charge: 4.720¢ per kWh for all kWh

#### **Delivery Charges:**

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV) 5.858¢ per kWh for the first 100 hours use of maximum demand 5.858¢ per kWh for the excess

For service at primary voltage level (4.8 kV to 13.2 kV) 1.912¢ per kWh for the first 100 hours use of maximum demand 1.912¢ per kWh for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV) 0.507¢ per kWh for the first 100 hours use of maximum demand 0.507¢ per kWh for the excess

For service at transmission voltage level (120 kV and above) 0.566¢ per kWh for the first 100 hours use of maximum demand 0.566¢ per kWh for the excess

(Continued on Sheet No. D-59.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-58.00)

## STANDARD CONTRACT RIDER NO. 1.1 (Contd.)

## ALTERNATIVE ELECTRIC METAL MELTING

**Substation Credit:** Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of  $0.3 \epsilon/kWh$  will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8

#### **Retail Access Service Customers:**

Capacity (Only applicable to Retail access Service Customers receiving Utility Capacity Service from DTE Electric)

Energy Charges: For service at secondary voltage level (less than 4.8 kV) **1.897¢** per kWh for the first 100 hours use of maximum demand **0.718¢** per kWh for the excess

For service a primary voltage level (4.8 kV to 13.2 kV) 1.411¢ per kWh for the first 100 hours use of maximum demand 0.513¢ per kWh for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV) 1.376¢ per kWh for the first 100 hours use of maximum demand 0.478¢ per kWh for the excess

For service at transmission voltage level (120 kV and above) 1.166¢ per kWh for the first 100 hours use of maximum demand 0.387¢ per kWh for the excess

Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

# **Delivery Charges:**

# **Distribution Charges:**

For service at secondary voltage level (less than 4.8 kV) 5.858¢ per kWh for the first 100 hours use of maximum demand 5.858¢ per kWh for the excess

For service at primary voltage level (4.8 kV to 13.2 kV) **1.912¢** per kWh for the first 100 hours use of maximum demand **1.912¢** per kWh for the excess

(Continued from Sheet No. D-60.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-59.00)

# STANDARD CONTRACT RIDER NO. 1.1 (Contd.)

## ALTERNATIVE ELECTRIC METAL MELTING

For service at subtransmission voltage level (24 kV to 41.6 kV)  $0.507\phi$  per kWh for the first 100 hours use of maximum demand  $0.507\phi$  per kWh for the excess

For service at transmission voltage level (120 kV and above)  $0.566 \notin$  per kWh for the first 100 hours use of maximum demand  $0.566 \notin$  per kWh for the excess

**Substation Credit:** Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of  $0.3 \epsilon/kWh$  will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Section C9.8.

# LATE PAYMENT CHARGE: See Section C4.8.

- **MAXIMUM DEMAND:** The maximum demand shall be the highest 30-minute integrated demand created during the current billing month. This clause is applicable to each voltage level served.
- MINIMUM CHARGES: 1) A monthly minimum charge of \$2.10 per kW of contract capacity shall be applied to that portion of the customer's load which is served under this rider. This minimum charge will be waived if the customer over the past 12 months (including the current bill), or from the start of the contract term if less than 12 months, has averaged \$2.10 per kW per month in revenues. This minimum charge is in addition to the minimum charge under the above rates, plus; 2) any applicable per meter per month surcharges.
- **POWER FACTOR CLAUSE (Retail Access Service Customers Only):** A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.
- **CONTRACT CAPACITY:** Customers shall contract for a specified capacity in kilowatts sufficient to meet the normal maximum requirements of the load qualifying for service under this rider. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for this rider shall not be included in the contract capacity established for the filed rate which is used in conjunction with this rider.
- **SPECIAL TERMS AND CONDITIONS:** The customer is responsible for all new facilities and lines required for service under this rider. Said facilities and lines must meet all Company standards. The Company at its option may install and own said facilities under the provisions of Standard Contract Rider No. 2.
- **TERM:** One year under written contract and month-to-month thereafter.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

# **STANDARD CONTRACT RIDER NO. 1.2**

<b>APPLICABLE TO:</b>	General Service Rate	
	Large General Service Rate	
	Interruptible Supply Rate	
	Primary Supply Rate	

ELECTRIC PROCESS HEAT

Schedule Designation D3 Schedule Designation D4 Schedule Designation D8 Schedule Designation D11

Customers using electric heat as an integral part of a manufacturing process, or electricity as an integral part of an anodizing, plating or coating process, and taking their supply at any of the above rates and who provide special circuits to accommodate separate metering may take service under this interruptible service Rider subject to Section C4.4- Choice of Rates.

This Rider is available only to customers who add new load on or after May 1, 1986 to engage in the above described processes and to customers served on R1.1 prior to May 1, 1986 and engaged in the above described processes. *Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.* 

**HOURS OF INTERRUPTION:** All interruptible load served hereunder shall be subject to interruption by the Company in order to maintain system integrity. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3.

**TESTING PROCEDURES:** In accordance with participation in an interruptible tariff, the customer agrees to comply with Company requirements regarding testing procedures. Customer shall complete and sign an interruptible responsibility letter annually by April 1<sup>st</sup>. Failure to sign and submit the interruptible responsibility letter may result in removal from this interruptible tariff. The letter designates that the customer understands their responsibility to interrupt, has an interruption plan, and has the capability to interrupt the contracted load. In addition, the Company will conduct multiple simulations each year to verify the communication system is working properly.

**NOTICE OF INTERRUPTION:** The customer shall be provided, whenever possible; 1) notice in advance (generally 1 hour) of probable interruption; 2) the time in which customer must fully reduce load, and; 3) the estimated duration of the interruption. The customer shall be provided notice of the actual end time for the system integrity order.

**NON-INTERRUPTION PENALTY:** A customer who does not fully comply with the timing and load reduction prescribed in the Notice of Interruption shall be billed at the higher of (i) the rate of \$50 per kW applied to the highest 60-minute integrated interruptible demand (kW) created during the interruption period or (ii) the actual damages incurred by the Company, including any MISO penalties, in addition to the prescribed monthly rate. In addition, the interruptible contract capacity of a customer who does not fully comply with an interruption order may be immediately reduced by the amount the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

Electric energy from any facilities, other than the Company's, except for on-site generation installed prior to January 1, 1986, will be used to first reduce the sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No. 3, No. 5 or No. 6.

(Continued on Sheet No. D-62.00)

Issued February 28, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission February 29, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297

(Continued from Sheet No. D-61.00)

## STANDARD CONTRACT RIDER NO. 1.2 (Contd.)

#### ELECTRIC PROCESS HEAT

# RATE PER MONTH:

**Full Service Customers:** 

## **Power Supply Charges:**

Capacity Energy Charges: For service at secondary voltage level (less than 4.8 kV) 1.897¢ per kWh for the first 100 hours use of maximum demand 0.718¢ per kWh for the excess

For service at primary voltage level (4.8 kV to 13.2 kV) **1.411**¢ per kWh for the first 100 hours use of maximum demand **0.513**¢ per kWh for the excess

For service at primary voltage level (24 kV to 41.6 kV) 1.376¢ per kWh for the first 100 hours use of maximum demand 0.478¢ per kWh for the excess

For service at transmission voltage level (120 kV and above) 1.166¢ per kWh for the first 100 hours use of maximum demand 0.387¢ per kWh for the excess

Non-Capacity Energy Charge: *4.720¢* per kWh for all kWh

#### **Delivery Charges:**

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV) **5.858**¢ per kWh for the first 100 hours use of maximum demand **5.858**¢ per kWh for the excess

For service at primary voltage level (4.8 kV to 13.2 kV) 1.912¢ per kWh for the first 100 hours use of maximum demand 1.912¢ per kWh for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV) 0.507¢ per kWh for the first 100 hours use of maximum demand 0.507¢ per kWh for the excess

For service at transmission voltage level (120 kV and above) 0.566¢ per kWh for the first 100 hours use of maximum demand 0.566¢ per kWh for the excess

(Continued on Sheet No. D-63.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-62.00)

# STANDARD CONTRACT RIDER NO. 1.2 (Contd.)

## **ELECTRIC PROCESS HEAT**

**Substation Credit:** Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of  $0.3 \epsilon/kWh$  will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

## **Retail Access Service Customers:**

Capacity (Only applicable to Retail Access Service Customers receiving Utility Capacity Service from DTE Electric)

Energy Charges:

For service at secondary voltage level (less than 4.8 kV) 1.897¢ per kWh for the first 100 hours use of maximum demand 0.718¢ per kWh for the excess

For service at primary voltage level (4.8 kV to 13.2 kV) 1.411¢ per kWh for the first 100 hours use of maximum demand 0.513¢ per kWh for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV) 1.376¢ per kWh for the first 100 hours use of maximum demand 0.478¢ per kWh for the excess

For service at transmission voltage level (120 kV and above) 1.166¢ per kWh for the first 100 hours use of maximum demand 0.387¢ per kWh for the excess

Capacity related surcharges and credits applicable to power supply, excluding PSCR, as approved by the Commission. See Section C8.5.

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV) 5.858¢ per kWh for the first 100 hours use of maximum demand 5.858¢ per kWh for the excess

For service at primary voltage level (4.8 kV to 13.2 kV) **1.912¢** per kWh for the first 100 hours use of maximum demand **1.912¢** per kWh for the excess

(Continued on Sheet No. D-64.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025

Filed by: DW

Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-63.00)

# STANDARD CONTRACT RIDER NO. 1.2 (Contd.)

#### **ELECTRIC PROCESS HEAT**

For service at subtransmission voltage level (24 kV to 41.6 kV) 0.507¢ per kWh for the first 100 hours use of maximum demand 0.507¢ per kWh for the excess

For service at transmission voltage level (120 kV and above)  $0.566 \notin$  per kWh for the first 100 hours use of maximum demand  $0.566 \notin$  per kWh for the excess

**Substation Credit:** Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of  $0.3 \epsilon/kWh$  will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Section C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

- **MAXIMUM DEMANDS:** The maximum demand shall be the highest 30-minute integrated demand created during the current billing month. This clause is applicable to each voltage level served.
- MINIMUM CHARGES: 1) A monthly minimum charge of \$2.10 per kW of contract capacity shall be applied to that portion of the customer's load which is served under this rider. This minimum charge will be waived if the customer over the past 12 months (including the current bill), or from the start of the contract term if less than 12 months, has averaged \$2.10 per kW per month in revenues. This minimum charge is in addition to the minimum charge under the above rates, plus; 2) any applicable per meter per month surcharges.
- **POWER FACTOR CLAUSE** (Retail Access Service Customers Only): A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.
- **CONTRACT CAPACITY:** Customers shall contract for a specified capacity in kilowatts sufficient to meet the normal maximum requirements of the load qualifying for service under this rider. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for this rider shall not be included in the contract capacity established for the filed rate which is used in conjunction with this rider.
- **SPECIAL TERMS AND CONDITIONS:** The customer is responsible for all new facilities and lines required for service under this rider. Said facilities and lines must meet all Company standards. The Company at its option may install and own said facilities under the provisions of Standard Contract Rider No. 2.
- **TERM:** One year under written contract and month-to-month thereafter.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Detroit, Michigan

# STANDARD CONTRACT RIDER NO. 2

# SPECIAL PURPOSE FACILITIES

#### **APPLICABLE TO:** All Filed Rates.

The Company is, from time to time, required to install special facilities to accommodate extraordinary requirements of the customers. This results in investment in facilities that are provided for the exclusive use of the specific customer and not available to the Company for general revenue purposes. Inasmuch as such installations do not provide the proportionality of revenue to investment available in the general case, the service supplied will be subject to the following conditions:

Where the customer requests:

- 1. A second source of power to supply redundant service.\* The second source of power to customers served from the overhead distribution system will normally be supplied from the underground distribution system.
- 2. Special facilities for uses which, in the opinion of the Company, will be disturbing to the normally accepted quality of commercial power.
- 3. Oversized equipment.
- 4. Special facilities not otherwise covered under Section C6.1.

The special or additional facilities can be provided under two options.

#### **Option I:**

1. Advance:

Prior to construction the customer will advance to the Company the total amount of the estimated construction costs.

- 2. Refund:
  - (a) The Company will refund to the customer 40% of the additional annual revenue for each of the first five years of metered use. The refund, without interest, will be made one month after each full year of service. There will be no refunds for a second source of service supply or oversized equipment.
  - (b) The customer will be entitled to an additional refund if there is additional utilization of the equipment by others within the first five years of service. The refund will be based on the additional annual revenue received, the portion of equipment utilized, and the time remaining to refund the original advance.
  - (c) The refund cannot exceed the advance under any condition.

\* Where Company policy prescribes two-line service, provisions of this rider will not apply.

(Continued from Sheet No. D-66.00)

Issued February 6, 2013	Michigan Public Service Commission	Effective for service rendered on
N. A. Khouri	February 13, 2013	and after October 10. 2007
Vice President		
Regulatory Affairs	Filed <u>RL</u>	Issued under authority of the
		Michigan Public Service Commission

Detroit, Michigan

## (Continued from Sheet No. D-65.00)

## STANDARD CONTRACT RIDER NO. 2 (Contd.)

#### **SPECIAL PURPOSE FACILITIES**

#### Option I: (Contd.)

3. Service Charge:

There will be a monthly charge, upon the beginning of service, equal to one-half of one percent of the advance less any refund. This charge is required to cover property taxes, insurance and maintenance and is applicable as long as the service is used.

# **Option II:**

1. Financing:

As an alternative to the customer advancing the total amount of the estimated construction costs, the Company may finance the special or additional facilities. There would be a monthly service charge (or in special cases a minimum charge, the application of which would be determined by the Company) of 1-1/2% of the investment in the special or additional facilities.

- 2. Adjustment:
  - (a) At the end of each year during the first five years the investment base will be reduced by 40% of the additional annual revenue from the metered use with an adjustment in the service charge. There will be no reduction in investment base or adjustment to the service charge for a second source of service supply or oversize equipment.
  - (b) If there is additional utilization by others of the lines or equipment during the first five years, there will be an adjustment to the investment base and service charge based on the prorata capacity used by others.
- **CONTRACT TERM:** The rate for service is revised by this rider modifying the contract form prescribed for one of the applicable filed rates. The contract term as to special charge is for a five year period extending thereafter from month to month until terminated by mutual consent or by thirty days' notice by either party, which may be given any time after the end of the fifth year.

	Michigan Public Service Commission	
Issued February 6, 2013 N. A. Khouri	February 13, 2013	Effective for service rendered on and after October 10. 2007
Vice President Regulatory Affairs	FiledRL	Issued under authority of the Michigan Public Service Commission
Detroit, Michigan		dated October 9, 2007 in Case No. U-15152

# STANDARD CONTRACT RIDER NO. 3 PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

This rider provides the terms and conditions of standby and supplemental service to customers operating on-site generation. The rate distinguishes the form of service provided as either standby service or supplemental service. Standby service is generally defined as capacity and energy service provided by the Company to serve customer load that is normally served by the customer's generator. Supplemental service is generally defined as capacity and energy service provided by the Company to serve customer load above their standby service requirements. The point of separation between standby and supplemental service is based on the customer's standby contract capacity for the facility, measured in kW. Any service provided by the Company up to and including the standby contract capacity level is standby service, and any service provided above the standby contract capacity level is supplemental service. Modeling standby and supplemental rate impacts is dependent on several factors including customer load profile and type of generator(s) and other considerations. The Company provides rate impact studies for customers considering on-site generation in addition to online resources and answers to frequently asked questions.

There are two categories of standby service provided under this rider for customers operating on site generation, "STANDBY SERVICE" AND "STATION POWER STANDBY SERVICE". STANDBY SERVICE applies to customers with generation facilities that are located within the Company's retail service territory and directly interconnected with the Company. STATION POWER STANDBY SERVICE applies to customers with generation facilities that are located within the Company's retail service territory and directly interconnected within the Company's retail service territory and that are directly interconnected to ITC Transmission. For customers exporting power from their facility, the customer's generation must, at all times, first serve their standby load requirements contracted under this tariff.

# **STANDBY SERVICE**

**STANDBY SERVICE:** Available to customers with generation facilities that are located within the Company's retail service territory and directly interconnected with the Company. Customers who desire the Company to serve the power supply requirements of load that *is* normally served by the customer's generator or prime mover must take standby service under the provisions of this rider unless otherwise exempted by order of the Michigan Public Service Commission or by the provisions set forth below and must take supplemental service on one of the applicable filed rates listed below.

Customers purchasing their entire energy requirements from the Company with generators or prime movers installed for use only in emergency will not be considered as taking standby service.

Customers with generators or prime movers installed solely for use to provide a load for testing equipment such as regenerative dynamometers may elect not to purchase standby energy service for that equipment under this rider, must meet the applicable parallel operation requirement, must purchase power that would, absent this provision, be considered standby on another rate schedule and must take standby for any additional generating equipment normally serving site load.

Customers with solar self-generating projects and taking service under a tariff with demand based distribution charges may elect not to purchase standby energy service for that equipment under this rider, must meet the applicable parallel operation requirements, must purchase power that would, absent this provision, be considered standby on another rate schedule and must take standby for any additional generating equipment normally serving site load.

(Continued on Sheet No. D-68.00)

Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after May 1, 2018

(Continued from Sheet No. D-67.00)

#### STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

APPLICABLE TO: General Service Rate Secondary Educational Institution Rate Interruptible General Service Rate Large General Service Rate Primary Educational Institution Rate Interruptible Supply Rate Primary Supply Rate

Schedule Designation D3 Schedule Designation D3.2 Schedule Designation D4 Schedule Designation D4 Schedule Designation D6.2 Schedule Designation D8 Schedule Designation D11

- **PARALLEL OPERATION:** The customer must meet the interconnection requirements of the Company specified in "The Michigan Electric Utility Generator Interconnection Requirements" as approved by the Commission, and must enter into an Interconnection and Operating Agreement with the Company before parallel operation will be permitted. Operating in parallel with the Company's system without written approval by the Company of the interconnection and any subsequent changes to the interconnection will make the customer subject to disconnection.
- **INDEMNIFICATION AND INSURANCE**: Except for the acts or omissions of the Company's employees or agents which occur on the Customer's side of the point of interconnection the customer shall indemnify, defend and hold the Company and its officers, agents and employees harmless from any liabilities, claims, losses, demands, costs, damages or damage which (i) occur on the Customer's side of the point of interconnection resulting from the installation, maintenance, possession or operation of the Facility, or (ii) occur on the Company's side of the point of interconnection up to the first point of the Company's General Facility Protection if at the time of the injury or damage, the Company is not providing electric energy to the customer and the injury or damage was caused by the customer's intentional defeat of the protective relays.

The Company shall indemnify, defend and hold the Customer and its officers, agents and employees harmless from any liabilities, claims, losses, demands, costs, damages or judgments, including reasonable attorneys' fees, arising out of all personal injuries or property damages which occur on the Company's side of the point of interconnection resulting from the installation, maintenance, possession or operation of the Company's General

Facilities; (i) except for the acts or omissions of the Customer's employees or agents which occur on the Company's side of the point of interconnection; and (ii)except for those injuries or damages for which the Customer is to indemnify the Company pursuant to the preceding paragraph.

The Customer taking service under this rider shall maintain and furnish current evidence of comprehensive general liability insurance in the amount of \$2,500,000 per occurrence. This insurance can be a combination of primary and excess insurance. The Company shall be named as an additional insured under the customer's policy. The customer need not provide insurance if it can demonstrate that its Tangible Net Worth as defined by GAAP is \$8,000,000 or more and provides an affidavit to that effect signed by an authorized agent of the Company. If the customer fails to provide insurance or does not meet the requirements of the preceding sentence for waiver of insurance, then the Company will purchase insurance in the amount of \$2,500,000 to protect the Company (but not the customer). The cost of such insurance will be paid by the customer. The customer's insurance, its waiver,

(Continued on Sheet No. D-69.00)

Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission Effective for service rendered on and after May 1, 2018

June 18, 2018

File<u>d DBR</u>

(Continue from Sheet No. D-68.00)

# STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

# INDEMNIFICATION AND INSURANCE (contd):

or insurance purchased by the Company shall not limit the Customer's indemnity obligations. Parallel operation will not be permitted (or will be terminated) if the Customer fails to provide insurance, meet the waiver requirements or pay the cost of insurance obtained by the Company.

**METERING REQUIREMENTS:** All customers taking service under this rider must install the necessary equipment to permit metering. The Company will supply the metering equipment. The output of customer generation or, if appropriate, the load served by another source of power or the customer's prime mover, inflow from the Company and outflow to the Company if applicable will all be metered with demand-recording equipment by the Company.

# **DEFINITIONS:**

- **STANDBY CONTRACT CAPACITY:** Standby contract capacity in kW will be established for electric capacity sufficient to meet the customer's standby load. Unit sizes, number of units, site demands, operating characteristics and other factors impact the amount of electric capacity that is sufficient to meet the customer's standby load. Standby contract capacity will be established according to one of the following methods with the intent to use the method which best determines the electric capacity sufficient to meet the customer's standby load.
  - (a) If the customer's generating units are electrically base loaded during peak hours the standby contract capacity for billing months that include periods from calendar months June through October will be set at the 1001<sup>st</sup> highest half-hourly kW output toward internal load during billing months that include periods from calendar months June through October over the latest 12-month period. The standby contract capacity for remaining billing months will be set at the 1001<sup>st</sup> highest half-hourly kW output during those months over the latest 12-month period. The standby contract capacity will be adjusted on an ongoing basis reflecting the current month and preceding eleven months.

"output toward internal load" means the simultaneous output of all units less excess generation flowing back through the interconnection to the Company's system.

- (b) If the customer's generating units are operated with the intent to provide energy to the system and standby is only required for site load during outages the standby contract capacity will be set at the maximum halfhourly demand provided to the facility.
- (c) For customers with units that do not operate in parallel with the system but have the ability to connect load normally served by unmetered on site generation to the system during generation outages, (throw over standby), the standby contract capacity will be set at the maximum metered half-hourly demand thrown over to the system and supplemental demand will the metered inflow less the metered throw over load.
- (d) For customers demonstrating unusual operating conditions, including but not limited to initial unit operation, unpredictable generation from renewable resource units or generation that follows thermal load and prolonged periods with no generation, standby contract capacity may be set by mutual agreement of the Company and the customer to levels sufficient to meet the customer's standby load.

(Continued on Sheet No. D-70.00)

Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs

Michigan Public Service Commission Effective for service rendered on and after May 1, 2018

June 18, 2018

Filed DBR

Issued under authority of the Michigan Public Service Commission dated April 27, 2018 in Case No. U-18255

(Continued from Sheet No. D-69.00)

## STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

# **DEFINITIONS** (contd):

- **STANDBY POWER:** Standby energy is electric energy provided by the Company to serve the customer's total internal load which would have been provided by the customer's generation had it operated at its contract capacity. Standby demand is electric capacity provided by the Company to serve the customer's total internal load which would have been provided by the customer's generation had it operated at its contract capacity less any reduction the customer can accomplish by reducing the supplemental demand at the time of the daily on-peak standby demand below the maximum monthly on peak supplemental demand but not less than zero.
- **SUPPLEMENTAL POWER:** Supplemental power is electric energy and capacity provided by the Company to serve the customer's total internal load which is in addition to that portion of the customer's total internal load equals to the standby contract capacity. For each point of service, total internal load equals the output toward internal load of the customer's generation plus the power supplied by the Company. Supplemental demand equals total internal load less standby contract capacity, but not less than zero. Supplemental high on-peak demand used to establish Power Supply Demand will be highest supplemental demand from the dates and times at which the daily on-peak standby demands are set. Supplemental power will be billed under the applicable rate schedule for supplemental service ("supplemental rate schedule").
- GENERATION RESERVATION FEE: Charge to recover costs of the company having generating resources available to serve load that is normally served by the customer's generator.
- **DAILY DEMAND CHARGE**: A daily on-peak standby demand charge based on the determination of standby power coincident with the daily highest 30-minute integrated reading during on-peak hours of the demand meters which measure the total load served by the Company. Standby demand equals standby contract capacity minus the 30-minute output toward internal load of the customer's generator less any reduction the customer can accomplish by reducing the supplemental demand below the maximum monthly on peak supplemental demand, but not less than zero, and not greater than the total load served by the Company. *There are two daily demand charge rates, one for daily demands occurring during scheduled maintenance periods and one for daily demands occurring during periods other than maintenance periods.* 
  - **MAINTENANCE PERIODS:** A customer may specify, subject to conditions below set by the Company, up to 20 on-peak days during a year as maintenance days. In addition standby daily demands on the day after Thanksgiving and on-peak days occurring during the period from December 24 through January 1 will be priced at the maintenance day rate specified above. A maintenance day is a calendar 24-hour day. Conditions for setting maintenance days:
    - (a) The customer must request maintenance days in writing.
    - (b) The Company must receive the request at least 45 days before the first requested maintenance day.
    - (c) Requests will be honored according to the date received.
    - (d) Requests may be refused by the Company if they conflict with the Company's own schedule of maintenance and expected demands. The Company will permit the customer to select alternative maintenance days.

(Continued on Sheet No. D-71.00)

Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission Effective for service rendered on and after May 1, 2018

June 18, 2018

Filed DBR

(Continued from Sheet No. D-70.00)

# STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

# **DEFINITIONS (contd)**:

#### **MAINTENANCE PERIODS (contd):**

(e) If there is a substantial change in circumstances which make the agreed upon schedule impractical for either party, the other party upon request shall make reasonable efforts to adjust the schedule in a manner that is mutually agreeable.

**WAIVERS AND LIMITS FOR GENERATION RESERVATION FEE AND DAILY DEMAND CHARGES:** For customers taking supplemental service on rate schedules D4, D11, D6.2 or D8, the following waivers apply:

If the total of daily demand charges for the month is less than the monthly generation reservation fee, then the daily demand charges will be waived for that month.

If the total of daily demand charges for the month is greater than the monthly generation reservation fee, then the generation reservation fee will be waived for that month.

#### Waivers and limits for energy-only rates:

For customers taking supplemental service on energy-only rates for the entire billing cycle, schedules D3, or D3.3, the following applies.

If the total of daily demand charges for the month is less than the monthly generation reservation fee, then the daily demand charges will be waived for that month.

If the total of daily demand charges for the month is greater than the monthly generation reservation fee, then the daily demand charges will be waived for that month provided that the supplemental rate continues as an energy-only rate. If not, then the total of daily demand charges for the month will be charged and the generation reservation fee for the month will be waived.

#### **RATES:**

#### **Power Supply Charges:**

Capacity

Monthly Generation Reservation Fee:

\$0.35 times the standby contract capacity in kW, per month.

The daily on-peak backup demand charge is \$0.97 per kW per day during periods other than maintenance periods as defined below.

The daily on-peak backup demand charge is \$0.49 per kW per day during maintenance periods as defined below.

(Continued from Sheet No. D-72.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-72.00)

# STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

#### RATES (contd):

## **Energy Charge:**

For customers served on supplemental rate schedules D3, D3.2 and D3.3, the energy charge will be the applicable power supply energy charge specified in the customer's supplemental rate.

The energy as stated herein, is also subject to provisions of the PSCR clause and other Surcharges and Credits Applicable to Power Supply as approved by the Commission. See Section C8.5.

#### Non-Capacity

#### Monthly Generation Reservation Fee:

\$0.26 times the standby contract capacity in kW, per month.

The daily on-peak backup demand charge is \$0.72 per kW per day during periods other than maintenance periods as defined below.

The daily on-peak backup demand charge is \$0.36 per kW per day during maintenance periods as defined below.

# Energy Charge:

An energy charge for back-up and maintenance power will be charged based on standby contract capacity less the output toward internal load of the customer's generator, but not less than zero. For customers served on supplemental rate schedules D4, D11, D6.2 and D8, the energy charge will be  $4.903\phi$  per kWh, plus appropriate power supply credits, including but not limited to an off-peak credit of  $1.00\phi$  per kWh, and voltage level credits of  $0.062\phi$  per kWh for subtransmission and  $0.139\phi$  per kWh for transmission. For customers served on supplemental rate schedules D3, D3.2 and D3.3, the energy charge will be the applicable power supply energy charge specified in the customer's supplemental rate.

The energy as stated herein, is also subject to provisions of the PSCR clause and other Surcharges and Credits Applicable to Power Supply as approved by the Commission. See Section C8.5.

# **Delivery Charges:**

#### Service Charge:

\$70 per customer per month for customers served at primary voltage.

\$375 per customer per month for customers served above primary voltage.

\$70 per customer per month for customers served at secondary voltages.

## **Distribution Charge:**

Distribution charges will be as follows:

\$6.32 per kW at primary voltage applied to the standby contract capacity

\$1.73 per kW at subtransmission voltage applied to the standby contract capacity

\$0.93 per kW at transmission voltage applied to the standby contract capacity

(Continued on Sheet No. D-73.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

(Continued from Sheet No. D-72.00)

# STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

#### RATES (contd):

# **Distribution Charge:**

For service provided in conjunction with a secondary voltage base rate the Delivery Charge will be the greater of \$14.65 per kW applied to standby contract capacity or 5.858¢/kWh applied to all standby energy delivered.

**Substation Credit:** Available to customers served at subtransmission voltage level (24 to 41.6 kW) or higher who provide the on-site substation including all necessary transforming, controlling, and protective equipment. A credit of \$.30 per kW shall be applied to the distribution demand charge per kW of standby capacity. An additional credit of  $0.040\phi$  per kWh of standby delivered will be given where the service is metered on the high voltage side of the transformer.

**Surcharges and Credits Applicable to Delivery Service**: As approved by the Commission. See Section C9.8.

- **ADJUSTMENT OF PRIOR RATCHETS:** When a customer takes standby service under Rider No. 3, the setting or the increasing or decreasing of standby contract capacity will affect the existing ratchet levels on the supplemental rate as follows:
  - (a) An amount in kW equal to the initial standby contract capacity (or to the increase or decrease) will be subtracted from (or subtracted from or added to) the existing ratcheted maximum demand level for customers on supplemental rates D6.2 and D8 and D11.
  - (b) An amount in kW equal to 65% of the initial standby contract capacity (or of the increase or decrease) will be subtracted from (or subtracted from or added to) the existing ratcheted on-peak billing demand level for customers on supplemental rates D4, D6.2 and D8 and D11.

LATE PAYMENT CHARGE: See Section C4.8.

# SCHEDULE OF ON-PEAK HOURS: See Section C11.

**POWER FACTOR CLAUSE:** The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Customers are responsible for correcting power factors less than 70% at their own expense. The size, type and location of any power factor correction equipment must be approved by the Company. Such approval will not be unreasonably withheld. A penalty will be applied to the total amount of the monthly billing for supplemental and standby service for power factor below 85% lagging in accordance with the table in Power Factor Determination, Section C12. The penalty will not be applied to the on-peak billing demand ratchet nor to the minimum contract demand of the supplemental rate, but will be applied to metered quantities.

(Continued on Sheet No. D-73.01)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-73.00)

# STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

#### **INTERRUPTIBLE STANDBY SERVICE:**

- (a) Interruptible standby service is supplied in conjunction with supplemental rates D8 and D3.3, provided that the customer qualifies for D8 or D3.3 under the provisions of the respective rates.
- (b) For customers taking service on supplemental rate D8, the daily demand charge for back-up power and maintenance power will be waived on a day that the Company requests interruption, provided that the customer is assessed neither a non-interruption fee nor a non-interruption penalty under the terms of the D8 rates.
- (c) For customers taking service on supplemental rate D3.3, the customer's generator, prime mover, or other source of energy must be connected only to the interruptible circuit. The energy charge for back-up power and maintenance power will be the same as the energy charge for the D3.3 rate. The daily demand charge will be waived on a day that the Company interrupts the circuit.
- (d) Interruptible standby service will also be supplied in conjunction with any new interruptible supplemental rates approved by the Commission after January 1, 1989, under terms to be incorporated in this section.
- **SPECIAL TERMS AND CONDITIONS:** Customer-owned equipment must be operated so that voltage fluctuations on the Company's system shall not exceed permissible limits.

Upon the request of a customer, the Company will provide monthly reports of the data from the meters measuring the load served by the Company and the output of the customer's generators, for a charge of \$10.00 per report per month. Each report contains data from one meter.

Application of Rider No. 2 for redundant service for customers served under this rider will be the same as for customers without generating equipment.

Service under this rider will not be affected by ownership of the generation facility provided that: (1) the generation facility is located on the customer's site, (2) the load served by the generation facility is on the same site, and (3) the total output of the generation facility is utilized by the customer or sold to the Company.

- **CONTRACT TERM:** The contract term is for a five-year period unless terminated by mutual consent and extending thereafter from month to month until terminated by mutual consent or by thirty day's written notice by either party.
- **DISPUTE RESOLUTION PROCEDURE:** Any customer who disputes a determination or interpretation made by the Company under this rider may deliver a written notice of such dispute to the customer's service representative at the Company. The Company will respond to the notice in writing within 20 working days.

Disputes between the Company and the customer may be presented to the Commission for informal resolution.

Any customer who disputes a determination made by the Company under this rider may at any time file a formal complaint with the Office of the Secretary of the Commission.

(Continued on Sheet No. D-73.02)

Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs

Michigan Public Service Commission Effective for service rendered on and after May 1, 2018

June 18, 2018

Filed DBR

Issued under authority of the Michigan Public Service Commission dated April 27, 2018 in Case No. U-18255

(Continued from Sheet No. D-73.01)

### STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

# STATION POWER STANDBY SERVICE

# **SERVICE UNDER THIS PROVISION BECOMES EFFECTIVE APRIL 1, 2014**

**STATION POWER STANDBY SERVICE:** Available to customers with generation facilities that are located within the Company's retail service territory and that are interconnected to ITC Transmission. The power supply requirements necessary to maintain and operate the generating facility that are normally served by the facility's on-site generation but which instead are provided by the facility's taking power through its transmission interconnection must be provided under the station Power Standby Service provisions of this rider.

APPLICABLE TO: General Service Rate Schedule Designation D3

- HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.
- **CONTRACT CAPACITY:** Customers shall initially contract for a specified capacity in kilowatts sufficient to meet expected maximum requirements. Any single reading of the demand meter or aggregation of demand meters recording inflow to the facility in any month that exceeds the contract capacity then in effect shall become the new contract capacity.
- **METERING REQUIREMENTS:** All customers taking service under this rider must install the necessary equipment to permit metering. The Company will supply the metering equipment. Service to the customer under this Rider will be metered with demand-recording equipment. Any equipment installed by the customer necessary to accommodate the Company's metering equipment must be approved by the Company and must be compatible with the Company's Meter Data Acquisition System.

# **RATES:**

# Power Supply:

# Non-Capacity

Station Power Energy Service will be priced on the basis of the real time MISO locational hourly marginal energy price for the Company-appropriate load node. In additional to the MISO locational hourly marginal energy price the following charges will also apply:

**0.769**¢/kWh for MISO network transmission costs and MISO energy market costs plus, An administrative charge of 0.000¢/kWh plus,

Surcharges and Credits Applicable to Power Supply, excluding PSCR, as approved by the Commission. See Section C8.5

## Service Charge:

Primary Service Charge: Subtransmission and Transmission Service Charge: \$70 per month \$375 per month

(Continued on Sheet No. D-73.03)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534 (Continued from Sheet No. D-73.02)

# STANDARD CONTRACT RIDER NO. 3 (Contd.) PARALLEL OPERATION AND STANDBY SERVICE AND STATION POWER STANDBY SERVICE

# LATE PAYMENT CHARGE: See Section C4.8

**CONTRACT TERM:** The contract term is from month to month until terminated by mutual consent or on one month written notice by either party.

Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission June 18, 2018 Filed **DBR**  Effective for service rendered on and after May 1, 2018

Issued under authority of the Michigan Public Service Commission dated April 27, 2018 in Case No. U-18255

# HOLD FOR FUTURE USE

Issued December 30, 2013 N. A. Khouri Vice President **Regulatory Affairs** 

Michigan Public Service Commission January 8, 2014 Filed

R

Effective for service rendered on and after January 5, 2014

Issued under authority of the Michigan Public Service Commission dated December 6, 2013 in Case No. U-17251

# HOLD FOR FUTURE USE

Issued February 6, 2013 N. A. Khouri Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission

February 13, 2013

RL Filed

Effective for service rendered on and after January 14, 2009

Issued under authority of the Michigan Public Service Commission dated January 13, 2009 in Case No. U-15244 and October 9, 2007 in Case No. U-15152

# **RESALE OF SERVICE**

<b>APPLICABLE TO:</b>	General Service Rate	Schedule Designation D3
	Large General Service Rate	Schedule Designation D4
	Primary Supply Rate	Schedule Designation D11
	Retail Access Service Tariff	Schedule Designation EC2

Electricity supplied to a customer is for his exclusive use on the premises to which it is delivered by the Company.Customers desiring to resell electric service to their tenants must secure authority from the Company which will be evidenced by a rider attached to the contract for service. Resale option is closed to new service or expanded service for resale for residential service as of March 31, 1979. Neither the resale of electric services provided by DTE Electric Company nor the sale of self-generation at publicly available electric vehicle charging stations is subject to Commission regulation and no restrictions are imposed on the rate charged or rate structure to the ultimate motor vehicle customer, as those sales are being made into the competitive motor fuels market. For purposes of this tariff, the provision of electric vehicle charging service for which there is no direct per kWh charge shall not be considered resale of service.

If the reselling customer elects to take service under the DTE Electric Retail Access Service Tariff, the ultimate user (residential, commercial or industrial customer) shall be served and charged for such service under the Retail Access Service Tariff in the Company's rate schedule available for similar services under like conditions.

The reselling customer shall provide notice to tenants of the decision to obtain electric service pursuant to the Retail Access Service Tariff and that as a result power supply charges are no longer regulated by the Commission.

# **MULTIPLE OCCUPANCY BUILDINGS:**

The owner or operator of an office building, apartment building, etc., with at least thirty tenants (or less at the option of the Company where extensions of the Company service to the individual tenants is impractical) whose combined requirements regularly exceed 20,000 kilowatthours per month, may purchase electric energy from the Company for resale to the tenants of the building on condition that service to each tenant shall be separately metered, and that the tenants shall be charged for such service the current rate of the Company for similar service under like conditions.

The requirement for separately metered households may be waived at the request of the developer in cases where newly constructed or rehabilitated duplexes, apartment buildings, and other multifamily dwellings are owned by a nonprofit corporation or "flow-through entity", which have a long-term regulatory agreement with the Michigan State Housing Development Authority, the United States Department of Housing and Urban Development, the United States Department of Agriculture, or any other organization approved by federal, state, or local government or agency to provide affordable housing for qualifying low-income residents. Separately metered households shall be required in the event the property is no longer subject to such regulatory agreement; the owner must notify the Company and all costs associated with conversion from a single metered facility to separately metered multifamily dwellings shall be the responsibility of the property owner. Any spaces within the development used for commercial purposes shall be separately metered by the Company.

(Continued on Sheet No. D-77.00)

Issued April 22, 2020 C. Serna Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission April 23, 2020 Filed \_\_\_\_\_ Effective for service rendered on and after May15, 2020

Issued under authority of the Michigan Public Service Commission dated April 15, 2020 in Case No. U-20646 (Continued from Sheet No. D-76.00)

# STANDARD CONTRACT RIDER NO. 4 (Contd.)

**RESALE OF SERVICE** 

## MULTIPLE OCCUPANCY BUILDINGS (Contd):

No landlord may charge his tenants more nor less for resold electric service purchased from the Company than the tenants would be charged by the Company if served directly. If this requirement is violated, the Company may refuse service to the building. The renting of premises with the cost of electric service included in the rental is held not to be a resale of service. The Company does not furnish nor maintain meters for the resale of energy by landlords to tenants.

# **MOBILE HOME PARKS:**

In some cases it is not practical for the Company to furnish service directly to individual mobile homes in mobile home parks. Because of this, the park operators may purchase electric energy from the Company for resale to tenants, provided that service to each tenant buying energy shall be separately metered and billed at the Company's Residential Service Rate.

The Operator shall provide the distribution system in the park and meters acceptable to the Company suitably protected from the weather. The Operator may purchase meters from the Company when available, or from a vendor other than the Company.

If an Operator resells energy without complying with the above provisions, the Company may refuse service to him.

**CONTRACT TERM:** The customer may take service at any applicable filed rate listed above but he will be required to sign a rider modifying the contract form prescribed for one of the applicable filed rates.

The service contract shall provide that each ultimate user's billing shall be audited once every nine (9) to fifteen (15) months. At the option of the reselling customer, the audit will be conducted either by the Company or by an independent auditing firm, approved by the Company. The reselling customer will be assessed a reasonable fee for an audit conducted by the Company. Where the audit is conducted by an independent auditing firm, a certified copy of the results of such audit shall be immediately submitted to the Company in a form approved by the Company.

The service contract shall also provide that the reselling customer will be responsible for the testing of the ultimate user's meters at least once every three (3) years, and that the accuracy of such meters be maintained within the limits as prescribed in Commission Order No. U-6400. Meters shall be tested only by outside testing services or laboratories approved by the Company and a certified copy of all testing results shall be immediately submitted to the Company.

A record of each meter, including testing results, shall be kept by the reselling customer during his use of the meter and for an additional period of one year thereafter. When requested, the reselling customer shall submit certified copies of said test results to the Company.

(Continued on Sheet No. D-77.01)

Issued April 22, 2020 C. Serna Vice President Regulatory Affairs

Detroit, Michigan



Effective for service rendered on and after May 15, 2020

Issued under authority of the Michigan Public Service Commission dated April 15, 2020 in Case No. U-20646 (Continued from Sheet No. D-77.00)

# STANDARD CONTRACT RIDER NO. 4 (Contd.)

#### **RESALE OF SERVICE**

# CONTRACT TERM (Contd):

The reselling customer shall supply each of his ultimate users with an electrical system adequate to meet the needs of the ultimate user with respect to the nature of service, voltage level, and other conditions of service. The customer who resells his power at Residential Rates shall receive a 15% discount on the resale portion of his bills, provided the reselling customer complies with the terms of Standard Contract Rider No. 4. Such discount shall cover the periods for which the customer provides positive evidence of compliance. The 15% discount does not apply to customers taking service under the Retail Access Service Tariff.

If the reselling customer fails to meet his obligations under this rule, the Company shall immediately notify the Commission Staff. If, after review with the reselling customer, the problem is not resolved, the Company will discontinue electric service until such time as the problem is resolved. The Company shall not incur any liability as the result of this discontinuance of electric service.

Issued April 22, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission April 23, 2020 Filed \_\_\_\_\_ Effective for service rendered on and after May 15, 2020

Issued under authority of the Michigan Public Service Commission dated April 15, 2020 in Case No. U-20646

# SMALL POWER PRODUCTION AND COGENERATION FACILITIES

**AVAILABILITY:** Full service customers, including station service customers, with on-site small power production *5 MW and smaller* or cogeneration facilities 20 MW and smaller that seek to sell electric output from their facility to the Company may receive service under this tariff. This rate is available only to customers who obtain qualifying facility (QF) status from the Federal Energy Regulatory Commission. Prior to interconnection, the customer shall provide a copy of such notification to the Company. A Standard Offer under this tariff is applicable to QF's less than or equal to 550 kW.

# **CHARACTER OF SERVICE:**

- A Sales to customers:
  - 1. As specified under the applicable filed rate.
- B Sales by the Customer to the Company:
  - 1. As specified under the Standard Offer or negotiated contractual agreement.
- C The customer shall install, at their expense, the necessary controlling, additional metering and protective equipment according to specifications of the Company. The Company shall not be liable for damage to customer-owned equipment caused by the interconnection.
- D Billing for both sales to and sales from the customer will be calculated by the Company.

# RATE:

- A Sales to Customers:
  - 1. Customer loads that are normally served by the customer's generator or prime mover must take standby service under Rider 3 unless otherwise exempted under the provisions of Rider 3 and must take supplemental service under an appropriate base tariff.
- B Sales by the Customer to the Company:
  - 1. **Energy Only Sales:** For customers electing to sell only energy to the Company as the customer determines such energy to be available. The rate will be based on the day-ahead MISO hourly locational marginal price for the DTE Electric appropriate load node.

(Continued on Sheet No. D-79.00)

Issued June 29, 2022 M.A. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Michigan Public Servi Commission	
July 1, 2022	
Filed by: DW	

Effective for service rendered on and after February 23, 2022

d by: DW [] Michigan

Issued under authority of the Michigan Public Service Commission dated June 23, 2022 in Case No. U-21239

(Continued from Sheet No. D-78.00)

# STANDARD CONTRACT RIDER NO. 5 (Contd.)

# SMALL POWER PRODUCTION AND COGENERATION FACILITIES

# 2. Capacity and Energy Sales:

The Company does not have a capacity need at this time.

## Capacity Need:

When the Company has a capacity need during its 5-year planning horizon, the capacity and energy rate shall be based on Solar Generation with an all-in levelized cost of energy (LCOE) of \$74 per MWh. The capacity and energy rate will be updated annually. Embedded in the all-in LCOE are all RECs produced by the project. The indicated rate will be reduced based on the estimated value of RECs over the contracted period determined at the time of contracting. For projects that choose to sell their RECs to the Company, the rate will remain \$74 per MWh. A Standard Offer Rate will apply to facilities with a capacity of 550 kW or less. The rate, terms and conditions for facilities having a capacity over 550kW up to the capacity defined in the Availability of this Rider will be made under negotiated agreement. For existing facilities, no recognition will be made for capacity unless substantial proof is shown that the generator and protective equipment is new or equivalent to new.

# Standard Offer Rate - Capacity Need:

The capacity and energy rate will be the all-in levelized cost of energy (LCOE) of Solar Generation of \$74 per MWh. The capacity and energy rate will be updated annually. Embedded in this all-in LCOE are all REC's produced by the project. The indicated rate will be reduced based on the estimated value of REC's over the contracted period determined at the time of contracting. For projects that chose to sell their REC's to the Company, the rate will remain \$74 per MWh.

(Continued on Sheet No. D-80.00)

Issued January 31, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 3, 2025

Filed by: DW

Effective for service rendered on and after February 1, 2025

Issued under authority of the Michigan Public Service Commission dated August 22, 2024 in Case No. U-18091 (Continued from Sheet No. D-79.00)

# STANDARD CONTRACT RIDER NO. 5 (Contd.)

# SMALL POWER PRODUCTION AND COGENERATION FACILITIES

Standard Offer Rate - Capacity Need (contd):

Renewable Energy Credits: Renewable Energy Credits (RECS) are owned by the Customer. The Company may, but need not, purchase RECs from Customers under mutual agreement. Any agreement for the purchase of RECs shall be under separate agreement.

Contract Term: All customers must select a contract term of 5, 10, 15 or 20 years.

Early Termination:

Sellers shall be required, based on the options made available by the Company, to select a form of security to cover the financial risk associated with the Company's cost for replacement capacity in the event the QF ceases operation prior to the end of the term of the Power Purchase Agreement.

Security shall be provided through a letter of credit, one-time escrow payment, monthly escrow payments, or surety bond in forms acceptable to the Company. The amount of security required will be based on the estimated amount of capacity the seller will deliver and the term of the contract.

The early termination security amount will be calculated using the following table:

Contract Term (Years)	Early Termination Security Amount
5	\$20,000 x Expected Annual ZRCs
10	\$60,000 x Expected Annual ZRCs
15	\$105,000 x Expected Annual ZRCs
20	\$125,000 x Expected Annual ZRCs

Customer's will be required to execute a Standard Offer Contract with the Company.

## 3. Short Term or Intermittent Capacity Need

The Company does not have a capacity need at this time.

During periods when the Company *has only* a short term or intermittent capacity need during its 5year planning cycle, and specifically identified in the Company's IRP or annual capacity demonstration filings, the Company will contract to purchase capacity and energy with capacity rates based on the results of MISO's annual one-year Planning Resource Auction ("PRA") for short-term capacity needs in MISO Zone 7 corresponding to each year capacity is required to meet the short term or intermittent capacity need, and energy rates will be based on the day-ahead MISO hourly locational marginal price for the DTE Electric appropriate load node. A Standard Offer Rate will apply to facilities with a capacity of 550 kW or less. The rate, terms and conditions for facilities having a capacity over 550kW up to the capacity defined in the Availability of this Rider will be made under negotiated agreement.

(Continued on Sheet No. D-81.00)

Issued September 18, 2024 M.A. Bruzzano Senior Vice President **Regulatory Affairs** 

Michigan Public Service Commission September 25, 2024 Filed by: DW

Effective for service rendered on and after August 22, 2024

Issued under authority of the

Michigan Public Service Commission dated August 22, 2024 in Case No. U-18091

(Continued from Sheet No. D-80.00)

# STANDARD CONTRACT RIDER NO. 5 (Contd.)

# SMALL POWER PRODUCTION AND COGENERATION FACILITIES

Standard Offer Rate – Short Term *or* Intermittent Capacity Need:

The capacity rate will be based on *the results of* MISO's annual one-year Planning Resource Auction ("PRA") for short-term capacity needs in MISO Zone 7 corresponding to each year capacity is *required to meet the short term or intermittent capacity need* and the energy rate will be based on the day-ahead MISO hourly locational marginal price for the DTE Electric appropriate load node.

Renewable Energy Credits: Renewable Energy Credits (RECS) are owned by the Customer. The Company may, but need not, purchase RECs from Customers at a mutually agreeable price. Any agreement for the purchase of RECs shall be under separate agreement.

#### Contract Term: Up to 5 years based on the duration of the short term or intermittent capacity need.

Early Termination:

Sellers shall be required, based on the options made available by the Company, to select a form of security to cover the financial risk associated with the Company's cost for replacement capacity in the event the QF ceases operation prior to the end of the term of the Power Purchase Agreement.

Security shall be provided through a letter of credit, one-time escrow payment, monthly escrow payments, or surety bond in forms acceptable to the Company. The amount of security required will be based on the estimated amount of capacity the seller will deliver and the term of the contract.

The early termination security amount will be calculated as \$20,000 x Expected Annual ZRCs.

Customers will be required to execute a Standard Offer Contract with the Company.

(Continued on Sheet No. D-82.00)

Issued September 18, 2024 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission September 25, 2024 Filed by: DW Effective for service rendered on and after August 22, 2024

Issued under authority of the Michigan Public Service Commission dated August 22, 2024 in Case No. U-18091 (Continued from Sheet No. D-81.00)

# STANDARD CONTRACT RIDER NO. 5 (Contd.)

# SMALL POWER PRODUCTION AND COGENERATION FACILITIES

# 4. No Capacity Need:

When the Company has no capacity need during its 5-year planning horizon, the Company will purchase energy based on the day-ahead MISO hourly locational marginal price for the DTE Electric appropriate load node. A Standard Offer Rate will apply to facilities with a capacity of 550 kW or less. The rate, terms and conditions for facilities having a capacity over 550 kW up to 5 MW will be made under negotiated agreement.

#### Standard Offer Rate - No Capacity Need:

The energy rate will be based on the day-ahead MISO hourly locational marginal price for the DTE Electric appropriate load node. The QF shall have the option to receive avoided energy costs based on actual MISO day-ahead LMP for the life of the contract or the QF may opt to receive avoided energy costs for a five-year fixed term based on the five-year forecast of on-peak and off-peak MISO LMP as provided in the table below followed by a variable rate based on actual MISO day-ahead LMP for the remainder of the contract term. The five-year forecast of on-peak and off-peak MISO LMP will be updated annually by the Company.

Average Annual LMP Forecast (\$/MWh)		
Year	On-Peak	Off-Peak
2025	\$ 49.46	\$ 34.38
2026	\$ 54.39	\$ 39.91
2027	\$ 58.00	\$ 47.38
2028	\$ 62.39	\$ 56.01
2029	\$ 67.55	\$ 63.76

**Renewable Energy Credits:** Renewable Energy Credits (RECS) are owned by the Customer. The Company may, but need not, purchase RECs from Customers at a mutually agreeable price. Any agreement for the purchase of RECs shall be under separate agreement.

Contract Term: All customers must select a contract term of 5, 10, 15 or 20 years. Only the first 5 years of any contract term exceeding 5 years is eligible for average annual LMP forecast payment. Any period after the first 5 years of a contract term exceeding 5 years must be based on the day-ahead MISO hourly locational marginal price for the DTE Electric appropriate load node. Customers selecting a contract term of 5 years with a five-year forecast shall not be eligible for subsequent renewal with another five-year forecast.

Customers will be required to execute a Standard Offer Contract with the Company.

5. Administrative Expense: A one mill per kilowatthour charge shall be assessed to all customers on this rate to offset the Company's additional administrative expenses associated with these transactions.

(Continued on Sheet No. D-83.0)

Issued January 31, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 3, 2025

Filed by: DW

Effective for service rendered on and after February 1, 2025

Issued under authority of the Michigan Public Service Commission dated August 22, 2024 in Case No. U-18091 Rider No. 6 has been terminated

Issued September 15, 2020 C. Serna Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission September 25, 2020 Filed by: DW Effective for service rendered on and after October 1, 2020

Issued under authority of the Michigan Public Service Commission dated June 10, 2020 in Case No. U-18091

<b>APPLICABLE TO:</b>	General Service Rate
	Large General Service Rate

**GREENHOUSE LIGHTING SERVICE** 

Schedule Designation D3 Schedule Designation D4

Available on an optional basis to customers desiring high intensity discharge lighting service for greenhouses or other environmentally controlled growing facilities as a daylight supplement. All lighting on this rider shall be separately metered. The customer will furnish, install, own, and maintain all equipment comprising the lighting system. No other device may be connected to this circuit except for controls, lighting and associated equipment.

HOURS OF SERVICE: Dusk to dawn service for circuits controlled by photo-sensitive or clock timing devices.

**CURRENT, PHASE AND VOLTAGE:** Alternating current, 60 hertz, single phase, nominally at 120/240 volts, three-wire; or three-phase, four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase, four-wire, Y connected at 480Y/277 volts.

## **RATE PER MONTH:**

#### Full Service Customers:

Power Supply Charge:	
Capacity Energy Charge:	<i>1.578¢</i> per kWh for all kWh
Non-Capacity Energy Charge:	<i>3.092</i> ¢ per kWh for all kWh

#### **Delivery Charges:**

Service Charge: Distribution Charge: \$1.95 per month 5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

#### **Retail Access Service Customers:**

Power Supply Charge for Retail Access Service Customers taking Utility Capacity Service for DTE: Capacity Energy Charge: 1.578¢ per kWh for all kWh

# **Delivery Charges:**

Service Charge: Distribution Charge: \$1.95 per month *5.858*¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Section C9.8.

(Continued on Sheet No. D-85.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-84.00)

# STANDARD CONTRACT RIDER NO. 7 (Contd.)

## **GREENHOUSE LIGHTING SERVICE**

**BILLING:** Billing will be on a monthly basis.

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

**CONTRACT TERM:** The customer shall contract to remain on this rate for at least 12 months, terminable on three days' written notice after the initial 12 months by either party. Where special services are required or where the investment to serve is out of proportion to the revenue obtainable therefrom, the term will be as specified in the applicable rider.

Issued February 6, 2013
N. A. Khouri
Vice President
Regulatory Affairs

Michigan Public Service Commission

February 13, 2013

Filed <u>RL</u>

Effective for service rendered on and after October 20, 2009

Issued under authority of the Michigan Public Service Commission dated August 25, 2009 in Case No. U-15806 and October 9, 2007 in Case No. U-15152

<b>APPLICABLE TO:</b>	General Service Rate
	Large General Service Rate

**COMMERCIAL SPACE HEATING** 

Schedule Designation D3 Schedule Designation D4

Available on an optional basis to customers desiring service for commercial space conditioning furnished through separately metered circuits to which no other device except electric space heating, water heating, air conditioning, or humidity control equipment may be connected and provided that all of the space heating must be either total electric or an electric heat pump supplemented by a fossil fuel furnace installed on a permanent basis. The customer must provide special circuits, the design and method of installation of which are approved by the Company as adapted to this service.

Electric space heating under the terms of this rider will be considered to include heating by light systems, provided the primary means of space heating at the time of maximum requirements will be furnished by the lighting system, with the balance furnished by supplementary electric heating equipment. After June 15, 1970, under the authority of the Commission in Case U-3189, service to facilities which heat by lighting is not available for premises not previously qualified for service hereunder.

## **RATE PER MONTH:**

# **Full Service Customers:**

#### **Power Supply Charge:**

Capacity Energy Charge:	4.257¢ per kWh for all kWh, except that during the billing months of
	November through May, usage in excess of 1,000 kWh per month shall
	be billed at 1.411¢ per kWh.
Non-Capacity Energy Charge:	<i>4.702¢</i> per kWh

# **Delivery Charges:**

Service Charge:	\$11.25 per month
Distribution Charge:	5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

# **Retail Access Service Customers:**

Power Supply Charge for Retail Access Service Customers taking Utility Capacity service from DTE:

Capacity Energy Charge: 4.257¢ per kWh for all kWh, except that during the billing months of November through May, usage in excess of 1,000 kWh per month shall be billed at 1.411¢ per kWh.

# **Delivery Charges:**

Service Charge: Distribution Charge: \$11.25 per month 5.858¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Section C9.8.

(Continued on Sheet No. D-87.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President **Regulatory Affairs** 

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW

Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-86.00)

# STANDARD CONTRACT RIDER NO. 8 (Contd.)

#### **COMMERCIAL SPACE HEATING**

LATE PAYMENT CHARGE: See Section C4.8.

MINIMUM CHARGE: The Service Charge plus any applicable per meter per month surcharges.

**CONTRACT TERM:** This rate is made effective by a rider modifying the contract form prescribed for one of the applicable filed rates listed above. The contract term is co-extensive with the contract term of the applicable filed rate under which service is being taken.

# **INSULATION STANDARDS FOR ELECTRIC HEATING:** See Section C4.9.

**OPTIONAL PROVISION FOR CERTAIN COMMON AREA ACCOUNTS:** Electric heating and common area usage of apartment or condominium accounts supplied through a single meter and billed under the terms of the Domestic Space Heating Rate D2 prior to September 28, 1978 may be billed under this provision without the necessity of separate metering if an initial block of kilowatthours is billed at the current General Service Rate D3. This initial block of kilowatthours will be calculated each November by averaging the usage during the previous billing months of June through October.

# **Full Service Customers:**

Usage in excess of the initial block of kilowatthours per month shall be billed at a power supply capacity charge of  $4.257\phi$  and a non-capacity charge of  $4.702\phi$  per kilowatthour during the billing months of June through October, and a capacity charge of  $1.411\phi$  and a non-capacity charge of  $4.702\phi$  per kilowatthour during the billing months of November through May. A Distribution charge of  $5.858\phi$  per kWh for all kWh shall also be applied. The only service charge to be billed to a customer utilizing this provision will be the D3 service charge.

## **Retail Access Service Customers:**

Power Supply Charge for Retail Access Service Customers taking Utility Capacity Service from DTE:

For Retail Access customers taking capacity service from DTE, usage in excess of the initial block of kilowatthours per month shall be billed at a power supply capacity charge of  $4.257\phi$  per kilowatthour during the billing months of June through October, and a power supply capacity charge of  $1.411\phi$  per kilowatthour during the billing months of November through May.

For all retail access customers, usage in excess of the initial block of kilowatthours per month shall be billed a distribution charge of 5.858¢ per kWh for all kWh.

**SUPPLEMENTAL SPACE HEATING PROVISION:** This provision is available to customers taking service under the General Service Rate D3 or the Large General Service Rate D4 who purchase energy for a minimum of 10 kW of supplemental, permanently installed, electric space heating equipment. To qualify for this provision, a customer must certify in writing the amount of permanently installed space heating equipment, subject to inspection at the option of the Company, and have the said equipment on separately metered circuits to which no other device is connected. Section C4.9, Insulation Standards for Electric Heating, will not apply to this provision.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

First Revised Sheet No. D-89.00 Cancels Original Sheet No. D-89.00

These sheets have been cancelled and are reserved for future use

Issued September 16, 2014 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission September 17, 2014

Filed \_\_\_\_\_

Effective for service rendered on and after October 6, 2013

Issued under authority of the Michigan Public Service Commission dated January 25, 2010 in Case No. U-15768 and October 9, 2007 in Case U-15152

# INTERRUPTIBLE SUPPLY RIDER

**AVAILABILITY OF SERVICE**: Available to Primary Supply Rate (D11) customers desiring interruptible service for a total of not less than 50,000 kilowatts of contracted interruptible service at a single location. The total contracted interruptible capacity on this tariff is limited to 400,000 kilowatts. This rider is effective for service rendered on and after January 1, 1993.

The contracted interruptible capacity limit on this tariff shall be increased to 525,000 kilowatts in 1994 and 650,000 kilowatts in 1995. The increase shall apply to customers desiring interruptible service for a total of not less than 5,000 kilowatts of contracted interruptible service at a single location.

In the event the total contracted interruptible capacity is less than the approved limit specified above, the Company may offer the remaining capacity, to otherwise eligible customers willing to contract for less than the minimum contract capacity amounts specified above. *Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.* 

**CURRENT, PHASE AND VOLTAGE**: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company. For definition of customer voltage level, see Section C13.

**HOURS OF INTERRUPTION:** All interruptible load served hereunder shall be subject to interruption by the Company in order to maintain system integrity. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Section C3.

**TESTING PROCEDURES:** In accordance with participation in an interruptible tariff, the customer agrees to comply with Company requirements regarding testing procedures. Customer shall complete and sign an interruptible responsibility letter annually by April 1<sup>st</sup>. Failure to sign and submit the interruptible responsibility letter may result in removal from this interruptible tariff. The letter designates that the customer understands their responsibility to interrupt, has an interruption plan, and has the capability to interrupt the contracted load. In addition, the Company will conduct multiple simulations each year to verify the communication system is working properly.

**NOTICE OF INTERRUPTION:** The customer shall be provided, whenever possible; 1) notice in advance (generally1 hour) of probable interruption; 2) the time in which customer must fully reduce load; 3) and the estimated duration of the interruption. The customer shall be provided notice of the actual end time for the system integrity order.

**NON-INTERRUPTION PENALTY:** A customer who does not fully comply with the timing and load reduction prescribed in the Notice of Interruption shall be billed at the higher of (i) the rate of \$50 per kW applied to the highest 60-minute integrated interruptible demand (kW) created during the interruption period or (ii) the actual damages incurred by the Company, including any MISO penalties, in addition to the prescribed monthly rate. In addition, the interruptible contract capacity of a customer who does not fully comply with an interruption order may be immediately reduced by the amount the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

If the customer fails to curtail load as requested, the Company reserves the right to interrupt the customer's total separately metered load on this rider, or total plant if not separately metered, and the customer will be billed at the rate of \$50 per kW per instance applied to contract capacity.

(Continued on Sheet No. D-91.00)

Issued February 28, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission February 29, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297 (Continued from Sheet No. D-90.00)

# STANDARD CONTRACT RIDER NO. 10 (Contd.)

# INTERRUPTIBLE SUPPLY RIDER

**CONTRACT CAPACITY:** Customers shall contract for a specified capacity in kilowatts sufficient to meet the customers' maximum interruptible requirements, but not less than the minimum contract capacity amounts, specified above. Demand/Energy in excess of the contracted load level will be billed under the applicable Primary Supply Rate. The contract capacity shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load. Capacity disconnected from service under this rider shall not be subsequently served under any other tariff during the term of this contract and subsequent renewal periods.

# **RATE PER MONTH:**

## Full Service Customers:

## **Power Supply Charges:**

Non-Capacity:

The Energy charge will be the real time MISO locational hourly marginal energy price for the DTE Electric-appropriate load node. In addition to the MISO locational hourly marginal energy price the following charges will also apply:

**0.769**¢/kWh for MISO network transmission costs and MISO energy market costs plus, An administrative charge of 0.000¢/kWh plus,

A voltage level service adder of 1.56% for transmission, 3.73% for subtransmission and 5.50% for primary.

# **Delivery Charges:**

Primary Service Charge: \$70 per month
Subtransmission and Transmission Service Charge: \$375 per month
Distribution Charges:
For primary service (less than 24kV) \$6.32 per kW of maximum demand
For service at subtransmission voltage (24 to 41.6 kV) \$1.73 per kW of maximum demand
For service at transmission voltage (120 kV and above) \$0.93 per kW of maximum demand.

**Substation Credit:** Available to customers where service at subtransmission voltage level or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040 ¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8

(Continued on Sheet No. D-92.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534 (Continued from Sheet No. D-91.00)

# STANDARD CONTRACT RIDER NO. 10 (Contd.)

#### **INTERRUPTIBLE SUPPLY RIDER**

#### **Retail Access Service Customers:**

#### **Delivery Charges:**

Primary Service Charge: \$70 per month
Subtransmission and Transmission Service Charge: \$375 per month
Distribution Charges:
For primary service (less than 24kV) \$6.32 per kW of maximum demand
For service at subtransmission voltage (24 to 41.6 kV) \$1.73 per kW of maximum demand
For service at transmission voltage (120 kV and above) \$0.93 per kW of maximum demand.

**Substation Credit:** Available to customers where service at subtransmission voltage level or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Section C9.8.

LATE PAYMENT CHARGE: See Section C4.8.

- **MINIMUM CHARGE:** The Service Charge plus the Maximum Demand Charge, plus all applicable energy charges plus any applicable per meter per month surcharge.
- **MAXIMUM DEMAND:** The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of the contract capacity. This clause is applicable to each voltage level served.

**POWER FACTOR CLAUSE:** Shall be the Power Factor Clause as defined in the Primary Supply Rate (D11).

**SPECIAL TERMS AND CONDITIONS:** Customer-owned equipment must be operated so the voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

The customer will own and maintain the necessary equipment to separate the interruptible load from the firm power load. This equipment must meet the Company standards. The customer must also provide space for the separate metering of the interruptible load.

The interruptible load shall not be served from firm power circuits at any time. Violations of this provision will result in a charge of \$50 per kilowatt per month applied to the interruptible load determined to have been served from firm power circuits.

(Continued on Sheet No. D-93.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

(Continued from Sheet No. D-92.00)

# STANDARD CONTRACT RIDER NO. 10 (Contd.)

# INTERRUPTIBLE SUPPLY RIDER

# SPECIAL TERMS AND CONDITIONS (contd):

In order to implement Company initiated interruptions, the Company shall install and maintain, at the customer's expense, any equipment necessary to permit the Company to control interruptions of the customer's load and any facilities necessary to transmit and receive information regarding hourly energy costs and real-time monitoring of the customer's load. The Company will conduct at least once a year a physical test of this equipment to verify that it is functioning properly. The customer is also required to provide the Company with an hourly schedule of expected customer loads. These hourly schedules will be delivered to the Company weekly and no later than Thursday for estimates for the following week.

Electric energy from any source, other than the Company's, will be used to first reduce sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No.3, No.5, or No.6.

**CONTRACT TERM:** The contract term is 2 years, extending thereafter from month-to-month until terminated by 1 year written notice by either party. Once notice of termination is given by the customer, such notice cannot be withdrawn without full permission of the Company. For the first year of service under this rider, the customer shall have the right to terminate the contract and return to service under the Company's rates for firm service by paying an amount equal to the D11 on-peak billing demand charge times the contract capacity for the number of months served under this rider.

Issued May 22, 2018 D. M. Stanczak Vice President Regulatory Affairs

Michigan Public Service Commission Effective for service rendered on and after May 1, 2018

June 18, 2018

DBR

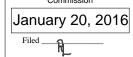
Filed

Issued under authority of the Michigan Public Service Commission dated April 27, 2018 in Case No. U-18255

HOLD FOR FUTURE USE

Issued January 8, 2016 D. M. Stanczak Vice President Regulatory Affairs

Michigan Public Service Commission



Effective for service rendered on and after December 17, 2015

Issued under authority of the Michigan Public Service Commission dated December 11, 2015 in Case No. U-17767

#### **CAPACITY RELEASE**

- AVAILABILITY OF SERVICE: Available to customers desiring a voluntary capacity release payment for loads not less than 100 kW at a single location. Customers who take service on this tariff are not eligible to participate in another Demand Response program with an Aggregator of Retail Customer (ARC) in any MISO season.
- **TERMS OF SERVICE:** Customers will be requested to curtail load upon notice from the Company. The customer shall be provided, whenever possible, notice in advance of such probable request and estimated duration of load reduction. Load reduction requests are at the discretion of the Company.
- **PAYMENT TERMS**: The Company and the customer will mutually agree on the prices, terms, and conditions for load reductions. Such payment terms will reflect the type of service including, but not limited to energy only, capacity, seasonal, hourly, daily, monthly, etc.

The amount of load reduction will be verified by metered quantities whenever possible. Where the amount of load reduction is not directly metered, the Company and the customer will mutually agree on calculation methods. The customer shall agree to provide information in order to make such calculations.

**SPECIAL TERMS AND CONDITIONS:** Special metering is at the option and expense of the customer. The customer is required to provide the Company with notification methods to be used and provide the Company with current customer personnel responsible for such notification of load reduction requests.

Issued February 28, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission February 29, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297

# **DISPERSED GENERATION**

- **AVAILABILITY OF SERVICE:** Available to customers who have on-site generators desiring a voluntary dispersed generation payment for operating their generation at the request of the Company. The customer must have on-site generation of at least 250 kW capacity at a single location.
- **TERMS OF SERVICE:** Customers will be requested to operate generation upon notice from the Company. The customer shall be provided, whenever possible, notice in advance of such probable requests and estimated duration of the request. Such requests are at the discretion of the Company.
- **PAYMENT TERMS**: The Company and the customer will mutually agree on the prices, terms, and conditions for dispersed generation power. Such payment terms will reflect the type of service including, but not limited to energy only, capacity, seasonal, hourly, daily, monthly, etc.

The amount of generator output will be verified by metered quantities whenever possible. Where the amount of generator output is not directly metered, the Company and the customer will mutually agree on calculation methods. The customer shall agree to provide information in order to make such calculations.

No payment will be made for load reduction required by Emergency Electrical Procedures as defined under Section C3.

**SPECIAL TERMS AND CONDITIONS:** Special metering is at the option and expense of the customer. The customer is required to provide the Company with notification methods to be used and provide the Company with current customer personnel responsible for such notification of load transfer requests. Customers desiring to operate generators in parallel with the Company's system must comply with the requirements of the Company's Interconnection Guidelines.

Issued February 6, 2013
N. A. Khouri
Vice President
Regulatory Affairs

Michigan Public Service Commission

February 13, 2013

Filed <u>RL</u>

Effective for service rendered on and after October 10. 2007

Issued under authority of the Michigan Public Service Commission dated October 9, 2007 in Case No. U-15152

# DISTRIBUTED RESOURCES

# APPLICABLE TO: All full service customers unless otherwise noted on the customer's applicable tariff.

- AVAILABILITY OF SERVICE: Available to customers with on-site distributed *resources* desiring to operate in parallel with the Company's system and take service for their supplemental needs under one of the applicable tariffs listed above. The on-site generation capacity shall be no greater than 150 kW at a single location. For the *purposes of this Rider, eligible distributed* resources include reciprocating engine generator sets, small turbine-generators, fuel cells, regenerative dynamometers and renewable resources.
- **PARALLEL OPERATION:** The customer must meet the interconnection requirements of the Company specified in "The Michigan Electric Utility Generator Interconnection Requirements" as approved by the Commission, and must enter into an Interconnection and Operating Agreement with the Company before parallel operation will be permitted. Operating in parallel with the Company's system without written approval by the Company of the interconnection and any subsequent changes to the interconnection will make the customer subject to disconnection.

The customer is advised to consult its insurers and insurance policies regarding the existence of coverage for onsite distributed generation resources. Homeowners' policies and insurers may afford varying degrees of coverage for this exposure, or may exclude it altogether. This statement is not to be viewed as the rendering of advice regarding the customer's insurance coverage.

**RATES:** The customer shall pay all direct costs of controlling and protective equipment necessitated by the presence of a source of power on his premises and costs to comply with the Guidelines.

Sell-Back Energy Rate:

For customers with a standard energy meter, the Company's monthly average top incremental cost of power will be applied to all kilowatt-hours delivered to the Company's system.

For customers with a time-of-day meter, the Company's average monthly top incremental cost of power for each time-of-day period will be applied to all kilowatt-hours delivered to the Company's system during that time-of-day period.

For customers with an interval meter, the Company's top incremental cost for each hour will be applied to all kilowatt-hours delivered to the Company's system during that hour.

- **METERING REQUIREMENTS:** The Company will install separate metering for energy sold by the Company to the customer and for energy sold-back to the Company by the customer. The Company will, at the customer's request, upgrade the sell-back meter to either a time-of-day or interval meter, but the incremental cost of such upgrade is the responsibility of the customer.
- **CONTRACT TERM:** Open order, terminable on three day's written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

Issued December 21, 2023 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission January 8, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297

# HOLD FOR FUTURE USE

Issued June 4, 2019 D. M. Stanczak Vice President Regulatory Affairs

Michigan Public Service Commission

July 1, 2019

Filed DBR

Effective for service rendered on and after May 9, 2019

Issued under authority of the Michigan Public Service Commission dated May 2, 2019 in Case No. U-20162

# **RENEWABLE RESOURCES PROGRAM**

## **AVAILABILITY:**

This Rider is available on a first come first served basis to metered DTE Electric full service and retail access service customers who desire to pay a renewable resources premium to promote the development and operation of renewable power facilities in the state of Michigan. The availability of service under this Rider may be limited by the availability of Renewable Energy Certificates (RECs) from renewable power facilities in the state of Michigan, at the prices set forth in this Rider. A REC is a unique, independently certified and verifiable record of the production of 1 megawatt hour of renewable energy. In the event that the Company is unable to secure a sufficient quantity of RECs from renewable power facilities within the state of Michigan to provide service to all customers desiring service under this Rider, at the prices set forth in this Rider, the Company may, purchase RECs from out-of-state facilities that provide recognizable economic, environmental, or other benefits to customers and priced at or below the prices set forth in this Rider. The company shall limit the quantity of RECs purchased from renewable facilities outside of Michigan to the additional quantity, above that available from Michigan renewable power facilities at the prices set forth in this Rider, required to serve the customers desiring service under this Rider. In the event that the Company is unable to supply the demand for RECs required to provide service to all customers desiring service under this Rider from Michigan renewable resource facilities and from out-of-state facilities that provide recognizable economic, environmental, or other benefits to customers, at the prices set forth in this Rider, this Rider may be closed to additional customers.

# This Rider shall become unavailable to new customers as of December 4, 2018, and shall be phased out and eliminated within 12 months of October 5, 2018.

## **CHARACTER OF SERVICE:**

The character of service is as specified under the applicable Base Rate. The term Base Rate refers to the Rate Schedule under which the Customer takes service and with which this Rider is associated.

#### **RATES:**

The following charges will apply and will be in addition to the normal charges applied under the applicable Rider(s) and Base Rate Schedule(s) in effect at the customer's metered location.

A. Residential customers:

#### Option 1:

The Renewable Resources Premium is  $2\phi$  per kWh applied to 100 percent of the monthly electric energy delivered by DTE Electric under the rate to which this rider is attached.

#### Option 2:

Customers can elect to contract for 100 kWh per month fixed increments for any amount of their electric requirements delivered by DTE Electric under the rate to which this rider is attached. The Renewable Resources Premium is \$2.50 per 100 kWh block per month. In the event that the energy represented in the blocks purchased exceeds the customer's actual kWh delivered by DTE Electric for the billing period, no reconciliation shall be made on the customer's billing.

(Continued on Sheet No. D-100.00)

Issued October 31, 2018 N. A. Khouri Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission Effective for service rendered on and after October 5, 2018

November 1, 2018

File<u>d DBR</u>

Issued under authority of the Michigan Public Service Commission dated October 5, 2018 in Case No. U-18352

# (Continued from Sheet No. D-99.00)

# STANDARD CONTRACT RIDER NO. 15 (Contd.)

**RENEWABLE RESOURCES PROGRAM** 

B Non-Residential Customers:

Option 1:

The Renewable Resources Premium is  $2\phi$  per kWh applied to 100 percent of the monthly electric energy delivered by DTE Electric under the rate to which this rider is attached.

#### Option 2:

Customers can elect to contract for 1,000 kWh per month fixed increments for any amount of their electric requirements delivered by DTE Electric under the rate to which this rider is attached. The Renewable Resources Premium is \$20.00 per 1,000 kWh block per month. In the event that the energy represented in the blocks purchased exceeds the customer's actual kWh delivered by DTE Electric for the billing period, no reconciliation shall be made on the customer's billing.

# **CONTRACT TERM:**

The minimum term available to residential customers is one complete billing period extending thereafter from month to month. For non-residential customers the minimum term is twelve continuous complete billing periods extending thereafter from month to month. Customers shall provide at least three business days notice of their desire to begin or terminate service.

Issued February 6, 2013 N. A. Khouri Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission

February 13, 2013

Filed <u><u><u>R</u></u></u>

Effective for service rendered on and after October 10. 2007

Issued under authority of the Michigan Public Service Commission dated October 9, 2007 in Case No. U-15152

# NET METERING FOR RENEWABLE RESOURCE ON-SITE POWER PRODUCING FACILITIES

## **AVAILABILITY:**

This rider is available on a first-generating first-served basis to electric customers operating on-site generation which satisfies the Renewable Resource eligibility requirements set forth below. This rider attaches to any metered tariff excluding riders. The total capacity contracted under this rider from systems with nameplate capacities of 20 kW or less shall be limited to 0.005 (0.5%) of the Company's system peak for the previous year as defined on page 401b of MPSC Form P-521. The total capacity contracted under this rider from systems with nameplate capacities greater than 20 kW but not greater than 150 kW shall be limited to 0.0025 (.25%) of the Company's system peak for the previous year as defined on page 401b of MPSC Form P-521. The total capacities greater than 150 kW but not greater than 150 kW shall be limited to 0.0025 (.25%) of the Company's system peak for the previous year as defined on page 401b of MPSC Form P-521. The total capacities greater than 150 kW but not greater than 550 kW shall be limited to 0.0025 (.25%) of the Company's system peak for the previous year as defined on page 401b of MPSC Form P-521. The total capacities greater than 550 kW shall be limited to 0.0025 (.25%) of the Company's system peak for the previous year as defined on page 401b of MPSC Form P-521.

This Rider is available only to customers participating in this Rider prior to May 9, 2019. A customer is "participating" if the customer has a completed application for service under this Rider pending before the utility prior to May 9, 2019. A customer who has an application filed with the utility before May 9, 2019 may still be allowed to participate in this Rider if the application is found deficient, provided the customer cures the deficiency within 60 days.

# **CHARACTER OF SERVICE:**

As specified under the applicable Base Rate. The term Base Rate refers to the Rate Schedule under which the Customer takes service and that this Rider is associated with.

## **ELIGIBLE ELECTRIC GENERATING UNITS:**

A. Eligible Technologies:

A methane digester or any renewable energy system as defined in section 11(k) of 2008 PA 295, MCL 460.1011(k) is an eligible technology. "Renewable energy system" means a facility, electricity generation system, or set of electricity generation systems that use 1 or more of the following renewable energy resources to generate electricity. Renewable energy resources include biomass, solar and solar thermal energy, wind energy, kinetic energy of moving water, including all of the following: waves, tides, or currents, water released through a dam, geothermal energy, municipal solid waste and landfill gas produced by municipal solid waste. Renewable energy system does not include any of the following:

- 1. A hydroelectric pumped storage facility.
- A hydroelectric facility that uses a dam constructed after October 6, 2008 unless the dam is a repair or replacement of a dam in existence on October 6, 2008 or an upgrade of a dam in existence on October 6, 2008 that increases its energy efficiency.
- 3. An incinerator unless the incinerator is a municipal solid waste incinerator as defined in section 11504 of the natural resources and environmental protection act, 1994 PA 451, MCL 324.11504, that was brought into service before October 6, 2008, including any of the following:
  - a. Any upgrade of such an incinerator that increases energy efficiency.
  - b. Any expansion of such an incinerator before the effective date of this act.
  - c. Any expansion of such an incinerator on or after October 6, 2008 to an approximate design rated capacity of not more than 950 tons per day pursuant to the terms of a final request for proposals issued on or before October 1, 1986.

(Continued on Sheet No. D-102.00)

Issued June 4, 2019		Effective for service rendered on
D. M. Stanczak	Michigan Public Service Commission	and after May 9, 2019
Vice President		
Regulatory Affairs	July 1, 2019	Issued under authority of the
	Filed DBR	Michigan Public Service Commission
Detroit, Michigan	The <u>d</u> DBR	dated May 2, 2019
-		in Case No. U-20162

# (Continued from Sheet No. D-101.00)

# STANDARD CONTRACT RIDER NO. 16 (Contd.) NET METERING FOR RENEWABLE RESOURCE

# ON-SITE POWER PRODUCING FACILITIES

# ELIGIBLE ELECTRIC GENERATING UNITS (Contd.):

- B. Generating Unit(s) Size Limitations:
  - 1. The maximum size of a methane digester system at a single site is limited to 550 kW and the maximum size of an individual unit or combination of units utilizing another renewable technology is 150 kW.
  - Systems will be limited in size, not to exceed the Customer's Base Rate self-service needs. At the Customer's option, the Customer's electric needs shall be determined by one of the following methods:
    - a. The Customer's annual energy usage, measured in kWh, during the previous 12-month period.
    - b. For a Customer with metered demand data available, the maximum integrated hourly demand measured in kW during the previous 12-month period.
    - c. In cases where there is no data, incomplete data, or incorrect data for the Customer's energy usage or the Customer has, is or will be making changes on-site that will affect total usage, the Company or alternative electric supplier and the Customer shall mutually agree on a method to determine the Customer's electric needs.

# **GENERATOR INTERCONNECTION REQUIREMENTS:**

- A. The rules for interconnecting customer on-site electric generating equipment with the Company are contained in the Commission's Electric Interconnection and Net Metering Standards (R 460.601a–460.656). Additional technical requirements for interconnecting customer on-site electric generating equipment with the Company are contained in Michigan Electric Utility Generator Interconnection Requirements and the Company's Generator Interconnection Supplement to Michigan Electric Utility Generator Interconnection Requirements (or their replacements).
- B. All interconnection requirements must be met and the Customer must fulfill all requirements in and sign an Interconnection and Parallel Operating Agreement with the Company prior to commencing operation of on-site generation.
- C. The Company must approve in writing any subsequent changes in the interconnection configuration before such changes are allowed. Operating in parallel with the Company's system without the Company's written approval of the interconnection and written approval of any subsequent changes to the interconnection will subject the Customer's equipment to disconnection.

# **METERING:**

Inflow and Outflow metering at the interface between the Customer and the Company will be specified by the Company and will be capable of recording all parameters metered on the Base Rate for deliveries to the Customer and for deliveries from the Customer to the Company. The Company will specify a single meter to measure and record inflow and outflow where practical. The Customer shall install and connect all meter enclosures and other equipment necessary to mount all metering. In addition to the inflow and outflow metering, customers with aggregated capacity of 20 kW or less may, and customers with aggregated capacity greater than 20 kW shall make provisions for generation metering. The Company will mount metering on the generator output capable of recording any parameters metered on the Base Rate. Customers with aggregated capacity of 20 kW or less are responsible for the cost of a generation meter if installed. Any unpaid cost for the generation meter will be waived for customers with aggregated capacity of 20 kW or less are responsible for the Company. The Company will not charge customers with aggregated capacity of 150 kW or less for any meter(s) required to measure and record inflow and outflow.

The Company will not charge customers with aggregated capacity greater than 20 kW but not more than 150 kW for generation meters. Any and all costs associated with metering that are incurred to participate in the Net (Continued on Sheet No. D-103.00)

Issued June 4, 2019 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission
July 1, 2019
Filed DBR

Effective for service rendered on and after May 9, 2019

Issued under authority of the Michigan Public Service Commission dated May 2, 2019 in Case No. U-20162 (Continued from Sheet No. D-102.00)

# STANDARD CONTRACT RIDER NO. 16 (Contd.)

# NET METERING FOR RENEWABLE RESOURCE ON-SITE POWER PRODUCING FACILITIES

# METERING (Contd.)

Metering Program for customers with aggregated capacity greater than 150 kW are the responsibility of the Customer. The metering costs associated with metering for customers with aggregated capacity greater than 150 kW and customers with aggregated capacity of 20 kW or less opting to install a generation meter without entering into an agreement to sell (RECs) to the Company will be divided into 12 equal monthly payments and added to the Customer's electric bill.

# NET METERING BILLING PROVISIONS:

- A. Customers with Aggregated Capacity of 20 kW or Less: (Category 1 as defined in MPSC Rule R 460.601a)
  - 1. <u>Power Supply; Full-Service Customers Only:</u>

The Customer will be billed all power supply components and power supply surcharges of the retail rate to which this rider is attached for any positive value resulting from subtracting the outflow from the facility to the utility from the inflow from the utility to the Customer.

- 2. <u>Distribution; Full-Service and Choice Customers:</u> The Customer will be billed all distribution components and distribution surcharges of the retail rate to which this rider is attached for any positive value resulting from subtracting the outflow from the facility to the utility from the inflow from the utility to the Customer.
- 3. <u>Standby Power Supply; Full-Service Customers Only:</u>

Net metering customers with aggregated capacity of 20 kW or less will not be charged for power supply standby service.

4. Power Supply Credit for Excess Generation; Full-Service Customers Only:

If the quantity of electricity generated and delivered to the utility distribution system by an eligible electric generator during a billing period exceeds the quantity of electricity supplied from the electric utility during the billing period, that difference (positive values of outflow-inflow) is excess generation and will be carried forward to provide a credit in subsequent months.

- a. The maximum credit for power supply will be determined by applying the retail power supply components of the tariff, to which this rider is attached, to any energy that can offset net inflow in the current billing period from the unutilized energy carried forward from previous months.
- b. The credits shall appear on the bill for the following billing period and shall, in combination with any Distribution Credit for Excess Generation provided by the utility be limited to the total energy charges on that bill.
- c. Any excess kilowatt-hours (kWh) not used to offset charges in the next billing period will be carried forward to subsequent billing periods.
- 5. Distribution Credit on Excess Generation; Full-Service and Choice Customers:
  - a. The distribution credit for excess generation will be determined by applying the retail distribution components of the tariff, to which this rider is attached, to any energy that can be utilized in the current billing period from the unutilized energy carried forward from previous months.
  - b The distribution credits shall appear on the bill for the following billing period and shall in combination with any Power Supply Credit for Excess Generation provided by the utility be limited to the total utility energy charges on that bill.
  - c. Any excess kilowatt-hours (kWh) not used to offset charges in the next billing period will be carried forward to subsequent billing periods.

	Michigan Public Service Commission	(Continued on Sheet No. D-104.00)
Issued February 6, 2013 N. A. Khouri	February 13, 2013	Effective for bills rendered on or after October 9, 2009
Vice President Regulatory Affairs	Filed	Issued under authority of the Michigan Public Service Commission
Detroit, Michigan		dated May 26, 2009 in Case No. U-15919 and October 9, 2007 in Case No. U-15152

(Continued from Sheet No. D-103.00)

# STANDARD CONTRACT RIDER NO. 16 (Contd.)

# NET METERING FOR RENEWABLE RESOURCE ON-SITE POWER PRODUCING FACILITIES

## NET METERING BILLING PROVISIONS (Contd.):

- B. Customers With Aggregated Capacity Greater Than 20 kW But Not Larger Than 150 kW: (Category 2 as defined in MPSC Rule R 460.601a)
  - 1. <u>Power Supply; Full-Service Customers Only:</u>

The Customer will be billed the applicable power supply demand and energy components of the retail rate to which this rider is attached for any positive value resulting from subtracting the outflow from the facility to the utility from the inflow from the utility to the Customer. Power supply surcharges will be charged for total metered inflow to the Customer from the utility.

- 2. Distribution; Full-Service and Choice Customers:
  - a. <u>Customers on energy-only rates</u>

The Customer will be billed the applicable distribution components and distribution surcharges of the retail rate to which this rider is attached for total metered inflow to the Customer from the utility.

b. <u>Customers on demand rates</u>

The Customer will be billed for all distribution demand components and all energy-based distribution energy components and distribution surcharges of the retail rate to which this rider is attached for total metered inflow.

3. <u>Standby Power Supply; Full-Service Customers Only</u>

Net metering customers with aggregated capacity greater than 20 kW but no greater than 150 kW will not be charged for power supply standby service.

4. Credit for Excess Generation; Full-Service Customers Only:

If the quantity of electricity generated and delivered to the utility distribution system by an eligible electric generator during a billing period exceeds the quantity of electricity supplied from the electric utility during the billing period, that difference (positive values of outflow minus inflow) is excess generation and will be carried forward to provide a credit in subsequent months.

- a. The maximum credit will be determined by applying the retail power supply energy components of the tariff, to which this rider is attached, to any energy carried forward from previous months that can be utilized to offset net inflow in the current billing period.
- b. The credit shall appear on the bill for the following billing period and shall be limited to the total power supply charges on that bill.
- c. Any excess kilowatt-hours (kWh) not used to offset power supply charges in the next billing period will be carried forward to subsequent billing periods.

Issued February 6, 2013	
N. A. Khouri	
Vice President	
Regulatory Affairs	

Michigan Public Service Commission

February 13, 2013

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(Continued on Sheet No. D-105.00)

Filed

Effective for bills rendered on or after October 9, 2009

Issued under authority of the Michigan Public Service Commission dated May 26, 2009 in Case No. U-15919 and October 9, 2007 in Case No. U-15152

(Continued from Sheet No. D-104.00)

# STANDARD CONTRACT RIDER NO. 16 (Contd.)

# NET METERING FOR RENEWABLE RESOURCE ON-SITE POWER PRODUCING FACILITIES

## NET METERING BILLING PROVISIONS (Contd.):

- C. Customers With Methane Digester Aggregated Capacity Greater Than 150 kW but no Larger Than 550 kW: (Category 3 as defined in MPSC Rule R 460.601a).
  - 1. <u>Power Supply; Full-Service Customers Only:</u>

The Customer will be billed all power supply demand and energy components of the retail rate to which this rider is attached for any positive value resulting from subtracting the outflow from the facility to the utility from the inflow from the utility to the Customer. Power supply surcharges will be charged for total metered inflow to the Customer from the utility.

- <u>Distribution; Full-Service and Choice Customers:</u> Customer total site electric requirements will be determined as the sum of the Company supply (inflow meter) and generation supply (generation meter) minus any outflow to the Company (outflow meter), i.e. [inflow plus generation minus outflow] for both energy and demand if applicable. The Customer will be billed all distribution demand and energy components and distribution surcharges of the retail rate to which this rider is attached for total site electric requirements.
- 3. <u>Standby Power Supply</u>; Full-Service Customers Only:

Systems capable of generating more than 150 kW will be charged for Power Supply Standby Service by applying the applicable power supply charges in Standard Contract Rider No. 3 unless the Customer opts out of standby through the following procedure.

To opt out of standby the Customer must provide a written notice indicating they fully understand that opting out makes them subject to any ratchet provisions included in the base rate and are refusing Power Supply Standby Service.

4. Credit for Excess Generation; Full-Service Customers Only:

If the quantity of electricity generated and delivered to the utility distribution system by an eligible electric generator during a billing period exceeds the quantity of electricity supplied from the electric utility during the billing period, that difference (positive values of outflow minus inflow) is excess generation and will be carried forward to provide a credit in subsequent months.

- a. The maximum credit will be determined by applying the retail power supply energy components of the tariff, to which this rider is attached, to any energy that can be utilized in the current billing period to offset net inflow from the energy carried forward from previous months.
- b. The credit shall appear on the bill for the following billing period and shall be limited to the total power supply charges on that bill.
- c. Any excess kilowatthours (kWh) not used to offset power supply charges in the next billing period will be carried forward to subsequent billing periods.

## **ADDITIONAL CREDITS:**

The Company may purchase renewable energy credits under a separate agreement from net metering customers using generation metering supplied by the Company. Provisions of this rider neither obligate the Company to purchase renewable energy credits nor obligate the Customer to sell renewable energy credits.

	Michigan Public Service Commission	(Continued on Sheet No. D-106.00)
Issued February 6, 2013 N. A. Khouri	February 13, 2013	Effective for bills rendered on or after October 9, 2009
Vice President Regulatory Affairs	Filed	Issued under authority of the Michigan Public Service Commission
Detroit, Michigan		dated May 26, 2009 in Case No. U-15919 and October 9, 2007 in Case No. U-15152

Continued from Sheet No. D-105)

# STANDARD CONTRACT RIDER NO. 16 (Contd.)

# NET METERING FOR RENEWABLE RESOURCE ON-SITE POWER PRODUCING FACILITIES

## **ADDITIONAL CHARGES:**

The Customer is responsible for a net metering application fee of \$25.00 and interconnection application review fee of \$75.00. Projects larger than 20kW are responsible for distribution study costs and the cost of distribution upgrades if required.

#### **CONTRACT TERM:**

Customers who enroll shall be eligible to participate for a single continuous period up to 10 years. A customer may discontinue taking service under this rider at any time. The Company may terminate service under this rider to Customers with an aggregated capacity greater than 20 kW if it can be established that the facility has not produced energy for a continuous period exceeding eleven (11) billing months. The Company may terminate a customer's service under this rider if the Customer fails to satisfy the eligibility requirements or the terms of the Interconnection and Parallel Operating Agreement. A customer that elects to discontinue taking service under this rider or whose net metering service is terminated for any reason and subsequently wishes to reenroll must reapply as a new customer subject to program size limitations and outstanding applications.

#### SPECIAL PROVISIONS AND CONDITIONS:

- A. Generation facilities covered by this rider that have an aggregated capacity at a single site of 150 kW or less are exempt from all charges associated with the Company's Standard Contract Rider No. 3 Parallel Operation and Standby Service.
- B. Net excess generation carried forward will be accounted for by the applicable time-of-use pricing period existing in the Customer's Base Rate e.g. On-Peak and Off-Peak. Energy carried forward from one time-of-use pricing period will not be utilized to offset energy in a different time-of-use pricing period.
- C. Full retail power supply as used in this tariff refers to those components of a rate schedule utilized to collect the cost of service for power supply, and full retail distribution as used in this tariff refers to those demand and energy components of a rate schedule utilized to collect the cost of service for distribution service. Full retail rates do not include surcharges, service charges or other charges that are assessed on a per-meter basis.
- D. By applying for service under this rider the Customer agrees to provide to the Company and allow the Company to provide to the Commission Staff the information about their onsite power producing facilities required for the Company to comply with its reporting requirements and verify continued eligibility for service under this rider. The Company will not release the name, address or other identifying information without prior written permission of the Customer.
- E. The Company will allow generator metering supplied by the Company to be used by the Customer for the purpose of accounting for renewable energy credits (REC's) the Customer may wish to sell.
- F. The terms, conditions, charges and credits provided under this rider are subject to revision under order of the Commission.

Issued January 8, 2016 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan



Effective for service rendered on and after December 17, 2015

Issued under authority of the Michigan Public Service Commission dated December 11, 2015 in Case No. U-17767

<b>APPLICABLE TO:</b>	General Service Rate	
	Secondary Educational Institution Rate	
	Large General Service Rate	
	Primary Educational Institution Rate	
	Primary Supply Rate	

# TRANSITIONAL TARIFF

Schedule Designation D11
Schedule Designation D6.2
Schedule Designation D4
Schedule Designation D3.2
Schedule Designation D3

**AVAILABILITY OF SERVICE:** Available on an optional basis to qualifying customers whose electrical service was supplied by the City of Detroit Public Lighting Department (PLD) as of August 1, 2013. Customers are eligible for this rate if, upon converting from being a customer of PLD to taking service from the Company under applicable standard tariff rates, they would otherwise experience an average annual rate increase (including fuel and purchased power and all surcharges) equal to or greater than 5%. Customers selecting this Rider will be required to stay on the Company's full service tariff rates for a period of ten years from the date they are converted to customers of the Company. Customers who were not previously charged for electric service by PLD will not be eligible for the Transitional Tariff.

**SERVICE PERIOD:** The Transitional Tariff is available to qualifying customers after the Customer Conversion Date, when all PLD customers will become customers of the Company. Customers will remain on the Transitional Tariff during the System Conversion Period, which covers the time period during which the Company's distribution system will be enhanced to directly attach former PLD customers. The System Conversion Period is expected to last five to seven years from the date of Customer Conversion. This Transition Rate will expire at the earlier of the conclusion of the time period indicated by a customer's applicable tier, or the conclusion of the System Conversion Period.

**DETERMINATION OF TIERS:** Those qualifying customers who select this Rider will be placed into a specific tier based on the overall initial annual cost increase they would experience when taking service from the company under applicable standard tariff rates (including fuel and purchased power and all surcharges) at the time of Customer Conversion, compared to charges from PLD if a Transitional Tariff were not available. The various tiers for purpose of applying the Rider PLD credit are:

Tier 1
Tier 2
Tier 3
Tier 4
Tier 5
Tier 6
Tier 7

## **RATE PER MONTH:**

## **Full Service Customers:**

Customers will be priced per the Full Service charges for the applicable base tariff rate schedule and will receive a Transitional Tariff Credit. The credit will be applied based on the discount schedules below, dependent upon which Tier (of Tiers 1-7) the customer qualifies for. For Example: A Customer in Tier 1 would have their initial Transition Tariff Credit calculated using the 25.0% discount in the initial year, and the 21.3% percent discount in the second year, and so on for each year until the customer is paying the standard base tariff rate.

(Continued on Sheet No. D-108.00)

Issued July 9, 2015		Effective for service rendered on
D. M. Stanczak Vice President	Michigan Public Service Commission	and after July 1, 2015
Regulatory Affairs	July 15, 2015	Issued under authority of the Michigan Public Service Commission
Detroit, Michigan	Filed	dated June 30, 2015 in Case No. U-17689

#### (Continued from Sheet No. D-107.00)

#### TRANSITIONAL TARIFF

**Transitional Tariff Credit:** The monthly credit for the Transitional Tariff shall be structured using a decreasing scale of percentages over the System Conversion Period and applied as follows:

TIER 1	TIER 2
1st Year25.0%	1st Year22.2%
2nd Year	2nd Year
3rd Year17.3%	3rd Year14.2%
4th Year13.2%	4th Year9.9%
5th Year8.8%	5th Year5.4%
6th Year4.3%	6 <sup>th</sup> Year0.7%
TIER 3	TIER 4
1st Year19.2%	1st Year15.9%
2nd Year15.1%	2nd Year11.7%
3rd Year10.9%	3rd Year7.3%
4th Year6.4%	4th Year2.7%
5th Year1.7%	
TIER 5	TIER 6
1st Year	1st Year8.6%
2nd Year8.0%	2nd Year4.0%
3rd Year	
TIER 7	
1st Year4.5%	

The Transitional Tariff credit shall be calculated by taking the base rate revenue (excluding surcharges and the PSCR factor) calculated under applicable standard tariff rates, times the corresponding percentage for a given year. The result shall then be deducted from the customer's bill.

Surcharges and Credits: As approved by the Commission. See Sections C8.5 and C9.8.

Issued May 29, 2014 D. M. Stanczak Vice President Regulatory Affairs

Michigan Public Service Commission June 3, 2014 Filed Effective for service rendered on and after July 1, 2014

Issued under authority of the Michigan Public Service Commission dated May 13, 2014 in Case No. U-17437

# **STANDARD CONTRACT RIDER NO. 17**

# **MIGREENPOWER VOLUNTARY GREEN** PRICING PROGRAM

The MIGreenPower program ("Rider") is a voluntary green pricing program that provides full-service customers the opportunity to meet their sustainability goals and to encourage additional development of Michigan-sourced renewable energy resources. This Rider shall become effective Aug. 20, 2022. When this Rider is implemented and begins to be billed to customers, the Rider 19 Large Customer Voluntary Green Pricing Program shall be eliminated and former Rider 19 customers shall be placed on this Rider. Customers electing to participate in this Rider will have several options to best accommodate their needs, including a volumetric option and a fixed-price option.

- a. Volumetric Option: Under Public Act 295 of 2008, as amended by Public Act 342 of 2016, the Company will provide at least 15% renewable energy to customers through the State's Renewable Portfolio Standard. Customers wishing for additional renewable energy beyond the Renewable Portfolio Standard may choose to attribute a percentage of their electric usage to MIGreenPower renewable energy, in 5% increments, up to a maximum of 100% of their individual usage.
- **b.** Fixed-Price Option: The Company will offer a per-month fixed-price option where the renewable energy supporting the fixed-price option is sourced from the Company's Renewable Resources with the same cost and credit structure described below. This option is available only to those enrolled with less than 2,500 MWh. This program will be offered only during times of a positive net premium, large enough to support at least a \$0.25 monthly enrollment.
- c. REC Only Option: The Company will act as an intermediary in providing RECs to the customer, passing through the costs of those RECs along with any associated transaction costs, in cases where the renewable energy generation in the MIGreenPower portfolio is unable to immediately meet requests from new customers. The Company will work with each customer to identify the REC characteristics of interest for enrollment in this offering, with preference for MI- or MISO-based wind and solar.

The Company will supply the renewable energy attributable to this Rider from Company projects as approved in its Renewable Energy Plan (REP) by the Commission's Order in Case No. U-20851 and Case No. U-20713 issued on June 9, 2021 ("Current Projects"), future REP cases, and additional renewable energy projects ("Additional Projects") deemed necessary to meet forecasted customer demand for this Rider (collectively, "Company Renewable Resources").

Eligible customers, who are DTE Electric full-service customers in good standing with the Company, will be enrolled on a first-come first-enrolled basis.

#### BILLING

Customers taking service under this Rider shall be subject to the Power Supply and Delivery charges pursuant to their current Rate Schedule, including all applicable surcharges and credits contained in Sections C8.5 and C9.8, for all electric service provided by the Company, including renewable energy purchased under this Rider. Customers initially enrolling less than 2,500 MWh will be subject to a nominal marketing and administrative fee of \$0.002/kWh. Customers initially enrolling a minimum of 2,500 MWh, which can be aggregated across multiple sites, under this Rider will require the rate schedule attached to the Rider to be billed on a calendar month basis, which begins on the first calendar day of each month and ends on the last calendar day of each month.

Continued on Sheet D-110.00)

Issued May 16, 2024 M. Bruzzano Senior Vice President **Regulatory Affairs** 

Detroit, Michigan

Michigan Public Service Commission May 28, 2024

Filed by: DW

Effective for service rendered on and after April 25, 2024

Issued under authority of the Michigan Public Service Commission dated April 25, 2024 in Case No. U-21172

(Continued from Sheet D-109.00)

### STANDARD CONTRACT RIDER NO. 17 (Contd.)

# MIGREENPOWER VOLUNTARY GREEN PRICING PROGRAM

#### BILLING (contd.)

- a. Subscription Charge: The subscription charge will be based on the levelized cost of the Current Projects within this Rider plus any additional costs the Commission may approve for inclusion in the future. If Additional Projects are required to meet customer demand, they will be cost-averaged based on generation into the Rider using a five-year forecast for net premium (subscription charge less forecasted energy and capacity credits) as the evaluation factor at the time of the Additional Project(s)' contract approval. If Additional Projects are contracted at a higher *forecasted* net premium, then enrolled customers at the time of contract approval for Additional Projects will not be billed for those Additional Projects and will retain their existing subscription fee and energy and capacity credits, *unless the forecasted net premium remains negative when averaged in, then all customers, new or existing, will be billed including those Additional Projects are contracted at a lower net premium, then all customers, new or existing, will benefit from the lower pricing.*
- b. Energy Credit: Customers enrolling less than 2,500 MWh will receive a monthly energy credit based on the Mid-Continent Independent System Operator (MISO) Real Time Locational Marginal Price (RT-LMP), measured at the Company Renewable Resources' nodes, over the most recent 12 month period of May-April. The energy credit will be updated beginning June 1 of each year. The Company will utilize wind and solar hourly generation profiles from existing Company projects, hourly RT-LMP values from Company Renewable Resource nodes, and the forecasted generation of the Company's Renewable Resources to calculate the credit. Should a project experience a generation anomaly, the Company will use a historical or proxy generation profile to calculate the credit.

Customers enrolling 2,500 MWh or more will receive a monthly energy credit based on the monthly weighted average RT-LMP for the Generation Node(s) of the Company Renewable Resources applied to the customer's monthly energy use under the Rider.

c. Capacity Credit: All customers will be provided a monthly *weighted* capacity credit based on the customer's renewable energy subscription under this Rider and the value of *either* the Zone 7 or Zone 2 Auction Clearing Price, *dependent on project location*, in the MISO Planning Resource Auction for the planning period June 1 – May 31. The capacity credit will be calculated on a per MWh basis using the formula below. The MISO Zone 7 or Zone 2 Effective Load Carrying Capability (ELCC) will be utilized to calculate the capacity credit. The MISO capacity auction typically takes place in the 1<sup>st</sup> quarter with the revenue from system capacity being updated for the next twelve months beginning June 1<sup>st</sup> of each year. MISO defines the Seasons in the Planning Resource Auction as follows: the Summer Season is the period from June – August; the Fall Season is the period from September – November; the Winter Season is the period from December – February; and the Spring Season is the period from March – May. Days Per Season, which is equal to 92 for Summer Season; 91 for Fall Season; 90 for Winter (91 during leap-years); and 92 for Spring Season.

(Continued on Sheet D-111.00)

Issued May 16, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission May 28, 2024 Filed by: DW Effective for service rendered on and after April 25, 2024

Issued under authority of the Michigan Public Service Commission dated April 25, 2024 in Case No. U-21172 (Continued from Sheet D-110.00)

### STANDARD CONTRACT RIDER NO. 17 (Contd.)

# MIGREENPOWER VOLUNTARY GREEN PRICING PROGRAM

[(Summer Auction Clearing Price (\$/MW-Day)) \* (Days per season) \* (Summer MISO Zone 7 *or Zone 2* ELCC (%)) \* (Project Size (MW)) + (Fall Auction Clearing Price (\$/MW-Day)) \* (Days per season) \* (Fall MISO Zone 7 *or Zone 2* ELCC (%)) \* (Project Size (MW))

+(Winter Auction Clearing Price (\$/MW-Day)) \* (Days per season) \* (Winter MISO Zone 7 *or Zone 2* ELCC (%)) \* (Project Size (MW))

+(Spring Auction Clearing Price (\$/MW-Day)) \* (Days per season) \* (Spring MISO Zone 7 *or Zone 2* ELCC (%)) \* (Project Size (MW))]

(Project Size (MW)) \* (Project Capacity Factor (%)) \* (8,760 hours)

The Energy and Capacity Credits shall be paid to the customer via bill credit only.

d. Pre-Payment Option: In order to accommodate unique customer needs, customers with annual subscriptions of at least 2,500 MWh under this Rider may elect a subscription pre-payment. The Company will require, at minimum, a payment that is estimated to cover the customer's expected subscription expenses that are tied to the subscription charge of the Company's Renewable Resources in any given month. Any such pre-payment subscription charge is not a customer deposit described in the billing practices applicable to non-residential electric customers (R 460.1607). When the subscription pre-payment no longer covers the customer's monthly subscription expenses, either the customer can make another estimated pre-payment, or the customer will be billed on a monthly basis going forward. The pre-payment option applies to Rider charges only.

#### **CONTRACT TERMS**

a. Less than 2,500 MWh Annual Enrollments

Customers with annual enrollments of less than 2,500 MWh will not be required to sign a written contract and may discontinue their enrollment in this Rider at any time with no termination fee. Enrolled customers may elect to increase or decrease the percentage of renewable energy received or fixed-price amount once per billing cycle, subject to Company Renewable Resource availability. A customer who elects to discontinue enrollment in this Rider and subsequently wishes to reenroll, must reapply as a new customer, subject to the Rider availability and current pricing. Customers enrolling in the fixed-price option will be limited to an amount that is equivalent to the last 12months' energy usage.

b. Greater than 2,500 MWh but less than 80,000 MWh Annual Enrollments

(Continued on Sheet D-111.01)

Issued May 16, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission May 28, 2024 Filed by: DW Effective for service rendered on and after April 25, 2024

Issued under authority of the Michigan Public Service Commission dated April 25, 2024 in Case No. U-21172

(Continued from Sheet D-111.00)

#### STANDARD CONTRACT RIDER NO. 17 (Contd.)

### MIGREENPOWER VOLUNTARY GREEN PRICING PROGRAM

#### CONTRACT TERMS (contd.)

Customers with initial annual enrollments of 2,500 MWh or more shall be required to enter into a written contract with standard contract terms of five (5) years, ten (10) years, fifteen (15) years, or twenty (20) years. Any over procurement by contracted customers will be reconciled in the annual reconciliation process. The contract term and billing will begin the first billing cycle after the latter of the commercial operation date of the designated renewable energy facility or the Effective Date of the customer contract. After the first contract year and beginning on a semi-annual basis thereafter, the customer may increase their Rider subscription levels, subject to Company Renewable Resource availability. The customer must notify the Company of its intent to increase its subscription level by November 1 for the next calendar year. The term of the contract will not be affected if the subscription level increases.

Customers shall provide written notice to the Company of their intent to renew their contract **one** (1) year in advance of the end of their contract. If no written notice is provided prior to such notice period, the customer contract will expire at the end of the term. If the customer elects to re-enroll in the Rider after their contract expires, that customer will enroll at the renewable resources and subscription rate available at the time of renewal.

The customer may elect to terminate their Rider subscription at any time, subject to an early termination fee. The termination fee will be equal to up to one year of Rider subscription fees, calculated using the customer's previous 12-month usage data multiplied by the per-MWh subscription fee agreed upon in the customer's contract. *Customers on an escalating volumetric enrollment will be subject to a termination fee equal to the one year's subscription costs at the subscription level identified for the last year of the currently approved build plan, or in the case that the contract ends prior to the end of the currently approved build plan, at the highest subscription level.* Customers who choose to terminate or transfer their Rider subscription will be required to give the Company one hundred twenty (120) days written notice. If the customer is able to transfer the level of subscription to another customer that meets the eligibility requirements within their one hundred twenty-day notice period, the termination fee will be waived. If the customer would like to re-enroll in the Rider after termination, they will be eligible, subject to the Rider's availability and current subscription fee.

#### c. Greater than 80,000 MWh Annual Enrollments

A customer with enrollment that is 80,000 MWh or higher is subject to all the requirements of Contract Terms part b above, with addition to the following:

Customers on an escalating volumetric enrollment will be subject to a termination fee as stated in Contract Terms part b above.

Customer shall be in default under the MIGreenPower Agreement upon the occurrence of any of the following events (each, an "Event of Default"):

(Continued on Sheet D-111.02)

Issued May 16, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission May 28, 2024 Filed by: DW Effective for service rendered on and after April 25, 2024

Issued under authority of the Michigan Public Service Commission dated April 25, 2024 in Case No. U-21172

(Continued from Sheet D-111.01)

#### STANDARD CONTRACT RIDER NO. 17 (Contd.)

#### MIGREENPOWER VOLUNTARY GREEN PRICING PROGRAM

# CONTRACT TERMS (contd.)

- (a) fails to pay when due any undisputed amount required to be paid under this Agreement;
- (b) breaches any material term of this Agreement;
- (c) is adjudicated to be insolvent or bankrupt, or generally unable to pay its debts as they become due, or admits in writing its inability to pay its debts, or makes an assignment for the benefit of creditors or, receivership, reorganization or bankruptcy proceedings are commenced by Customer, and such proceedings are not terminated, stayed or dismissed within ninety (90) days after the commencement thereof; or
- (d) if any representation or warranty made by Customer under this Agreement is untrue or misleading when made.

DTE shall provide written notice of any Event of Default to Customer. DTE may terminate this Agreement by written notice if any such Event of Default is not cured, with regard to (c) above, within the time periods stated or, with regard to (a), (b) or (d), within ninety (90) days after receipt of such notice from DTE.

#### **RENEWABLE ENERGY CREDITS (RECs) & ANNUAL RECONCILIATION**

Renewable energy subscribed through this Rider shall not be used by the Company for compliance with the state's statutory renewable energy portfolio requirements under Public Act 295 of 2008, as amended by Public Act 342 of 2016.

a. Less than 2,500 MWh Enrollments

For customers with annual enrollments of less than 2,500 MWh, the Company shall retire the RECs on the customer's behalf via the Michigan Renewable Energy Certification System (MIRECS). During the annual reconciliation, the Company will retire the portion of subscribed RECs purchased by customers who enrolled at less than 2,500 MWh before the retirement of RECs for customers who are enrolled at greater than 2,500 MWh.

b. Greater than 2,500 MWh Enrollments

For customers with initial annual enrollments of 2,500 MWh or more, the Company will conduct an annual review to reconcile the energy and RECs generated by the Company Renewable Resources against the amount of renewable energy subscribed by the customer. If the total energy and RECs purchased by customers pursuant to this Rider are more than what has been produced by Company Renewable Resources, the Company will provide, at the customer's option, RECs in an amount that satisfies the customer's share of the shortfall. The Company will charge customers the cost of acquiring the RECs on their behalf. The Company will apply the applicable reversals of charges and credits to the customer's bill following the annual review.

(Continued on Sheet D-111.03)

Issued May 16, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission May 28, 2024 Filed by: DW Effective for service rendered on and after April 25, 2024

Issued under authority of the Michigan Public Service Commission dated April 25, 2024 in Case No. U-21172

(Continued from Sheet D-111.02)

#### STANDARD CONTRACT RIDER NO. 17 (Contd.)

#### MIGREENPOWER VOLUNTARY GREEN PRICING PROGRAM

#### **RENEWABLE ENERGY CREDITS (RECs) & ANNUAL RECONCILIATION (contd.)**

The Company shall retire RECs from the Company Renewable Resources on behalf of the subscribing customers using the MIRECS accounting system or transfer the RECs to the subscribing customers. The REC retirement reporting and attestation will occur annually during the month of April and the Company will provide, at the request of the customer, a sworn attestation for all RECs that were retired on the customers' behalf for their previous calendar year's usage by May 31.

#### **OPTIONAL LOW-INCOME CONTRIBUTION**

Customers taking service under this Rider, as well as any other interested parties, can support a low-income donation pilot on a monthly basis and/or as a one-time contribution. Customers contributing will be able to select predetermined contribution amounts or designate their own. The voluntary contributions will provide fully subsidized subscriptions to low-income customers who are eligible to participate in the pilot as part of this Rider. Eligible low-income customers are defined as customers in the DTE Electric service territory who are at or below 200% of the federal poverty level. Participating low-income customers will be enrolled in this Rider at the 100% subscription level and receive the associated credits which are described above for customers whose enrollment is less than 2,500 MWh. Up to 25% of total contributions can be routed to fund subscriptions to locally sited arrays in communities of need, at the discretion of the Company. These voluntary contributions may only be used to fund the engineering, procurement, construction, operations, and maintenance of the solar arrays.

#### SPONSORED MIGREENPOWER ENROLLMENT PILOT

Customers with an annual enrollment of >2,500 MWh may contract to sponsor MIGreenPower enrollments ("Sponsor(s)") through covering the subscription fee for other designated, unenrolled DTE Electric residential customers ("Sponsored") with their authorization and consistent with Section C14.1, up to a maximum of 1,000 customers per Sponsor and limited to ten Sponsors for the pilot. Enrollment beyond the intended pilot size and the timing of availability of this pilot is at the Company's discretion. Sponsors must have an active contract for their own usage for the duration of the contract term of their sponsorship. The sponsored customers would be counted in Company's non-contracted customer enrollment numbers, but the benefits of the program would go to the sponsoring customer. Therefore, in addition to credits and RECs related to their own subscription, the sponsoring customer would receive energy and capacity credits and RECs equivalent to their level of sponsorship, in accordance with the terms and conditions applicable to customers with less than 2,500 MWh usage annually under this Rider. In the case that credits exceed the customer's bill, these credits will not be redeemable for cash and the bill credit will carry over to the next month.

#### SPECIAL PROVISIONS AND CONDITIONS

a. If a customer's monthly usage falls below the kWh purchased under the fixed-price option, all RECs paid for by the customer will be retired and not used by the Company for any other reason.

(Continued on Sheet D-111.04)

Issued May 16, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission May 28, 2024 Filed by: DW Effective for service rendered on and after April 25, 2024

Issued under authority of the Michigan Public Service Commission dated April 25, 2024 in Case No. U-21172

(Continued from Sheet D-111.03)

#### STANDARD CONTRACT RIDER NO. 17 (Contd.)

### MIGREENPOWER VOLUNTARY GREEN PRICING PROGRAM

#### SPECIAL PROVISIONS AND CONDITIONS (contd.)

- b. Company shall have no obligation to supply electricity under this Rider from the Company Renewable Resources during planned or forced outages of the Company Renewable Resources and may suspend or terminate this Rider and its obligations hereunder, or source the energy for this Rider from other renewable resources approved in the Company's REP, at the Company's sole discretion, upon an event of force majeure affecting the Company Renewable Resources, which shall include but not be limited to delay in commercial operation of Company Renewable Resources, sabotage to Company Renewable Resources, fire, flood, storm, other natural disaster, pandemic, national emergency, strike or other significant labor dispute, war, or civil unrest.
- c. All revenue collected or payments made by the Company pursuant to this Rider will be reconciled through the Company's Renewable Energy Plan Surcharge (REPS) and PSCR surcharge as approved by the Commission. The Company may suspend or terminate this Rider and its obligations hereunder in the event of a change of law or regulation that, in Company's sole judgment, materially affects the cost of providing service under this Rider or reduces or limits the revenue collected pursuant to this Rider.
- d. Pursuant to MCL 460.1061(a), a customer that subscribes to or pays for at least 50% of the customer's average monthly electricity consumption through the Rider is exempt from paying surcharges for incremental cost of compliance. A customer that will not receive at least 50% of the customer's average monthly electricity consumption through the Rider will be notified that the customer will be responsible for the full applicable charges for the incremental costs of compliance.

LATE PAYMENT CHARGE See Section C4.8.

Issued May 16, 2024 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission May 28, 2024

Filed by: DW

Effective for service rendered on and after April 25, 2024

Issued under authority of the Michigan Public Service Commission dated April 25, 2024 in Case No. U-21172

# **STANDARD CONTRACT RIDER NO. 18**

# DISTRIBUTED GENERATION PROGRAM

#### **AVAILABILITY:**

This Rider can be attached to any metered tariff, excluding riders, unless otherwise noted on the applicable metered tariff. The Distributed Generation Program is offered as authorized by 2008 PA 295, as amended by 2016 PA 342 *and 2023 PA 235*, 1939 PA 3, as amended by 2016 PA 341, Section (6) (a) (14).

The Distributed Generation Program is available for eligible Distributed Generation customers on and after May 9, 2019.

A customer participating in a net metering program approved by the Commission before May 9, 2019 shall have the option to take service under this tariff at the time service under the terms and conditions of the previous net metering program terminates in accordance with MCL 463.0183(1).

The Distributed Generation Program is voluntary and available on a first come, first served basis for new customer participants or existing customer participants increasing their aggregate generation. The combined net metering (Rider 16) and Distributed Generation Program size is equal to 10% of the Company's average instate peak load for Full- Service customers during the previous 5 calendar years. The 10% limit shall be allocated as follows: not less than 50% for customers with an eligible electric generator of 20 kW or less, and not more than 50% for customers with an eligible electric generator of above 20 kW but not more than 550 kW. The Company shall notify the Commission upon the Program reaching capacity in any Category.

If an existing customer who participates on Rider 16 increases their aggregate generation following the effective date of this rider, then all generation on site will be subject to the terms and conditions of this tariff.

#### **CHARACTER OF SERVICE:**

As specified under the applicable Base Rate. The term Base Rate refers to the Rate Schedule under which the Customer takes service and that this Rider is associated with.

#### DISTRIBUTED GENERATION DEFINITIONS

- (1) A Category 1 distributed generation customer has one or more Eligible Electric Generators with an aggregate nameplate capacity of 20 kW or less that use equipment certified by a nationally recognized testing laboratory to IEEE 1547-2018 testing standards and is in compliance with UL 1741-SA and located on the customer's premises and metered at a single point of contact.
- (2) A Category 2 distributed generation customer has one or more Eligible Electric Generators with an aggregate nameplate capacity greater than 20 kW but not more than 550 kW that use equipment certified by a nationally recognized testing laboratory to IEEE 1547-2018 testing standards and is in compliance with UL 1741-SA and located on the customer's premises and metered at a single point of contact.

(Continued on Sheet No. D-113.00)

Issued April 8, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission April 11, 2025 Filed by: DW Effective for service rendered on and after March 13, 2025

Issued under authority of the Michigan Public Service Commission dated March 13, 2025 in Case No. U-21798

# (Continued from Sheet D-112.00)

#### STANDARD CONTRACT RIDER NO. 18 (contd.)

#### DISTRIBUTED GENERATION PROGRAM

- (3) Eligible Electric Generator a renewable energy system or a methane digester with a generation capacity limited to no more than 110% of the customer's electricity consumption for the previous 12 months and does not exceed 550 kW of aggregate generation at a single site.
- (4) Inflow the metered inflow delivered by the Company to the customer during the billing month or time- based pricing period.
- (5) Outflow the metered quantity of the customer's generation not used on site and exported to the utility during the billing month or time-based pricing period.
- (6) Renewable Energy Resource a resource that naturally replenishes over a human, not a geological, timeframe and that is ultimately derived from solar power, water power or wind power. Renewable energy resource does not include petroleum, nuclear, natural gas, *industrial waste, post-use polymers, tires, tire-derived fuel, plastic,* or coal. A renewable energy resource comes from the sun or from thermal inertia of the earth and minimizes the output of toxic material in the conversion of the energy and includes, but is not limited to, all of the following:
  - (i) Biomass, as described in any of the following:
    - (a) Landfill gas as described in subparagraph (vii).
    - (b) Gas from a methane digester using only feedstock as described in subparagraph (viii).
    - (c) Biomass used by renewable energy systems that are in commercial operation on the effective date of the amendatory act that added section 51.
    - (d) Trees and wood used in renewable energy systems that are placed in commercial operation after the effective date of the amendatory act that added section 51, if the trees and wood are derived from sustainably managed forests or procurement systems, as defined in section 261c of the management and budget act, 1984 PA 431, MCL 18.1261c.
  - (ii) Solar and solar thermal energy
  - (iii) Wind energy
  - (iv) Kinetic energy of moving water, including the following:
    - (a) waves, tides or currents
    - (b) water released through a dam
  - (v) Geothermal energy
  - (vi) Thermal energy produced from a geothermal heatpump.
  - (vii) Landfill gas produced from solid waste facilities.
  - (viii)Any of the following if used as feedstock in a methane digester:
    - (a) Municipal wastewater treatment sludge, wastewater, and sewage.
    - (b) Food waste and food production and processing waste
    - (c) Animal manure.
    - (d) Organics separated from municipal solid waste.

(Continued on Sheet No. D-114.00)

Issued April 8, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission April 11, 2025 Filed by: DW Effective for service rendered on and after March 13, 2025

Issued under authority of the Michigan Public Service Commission dated March 13, 2025 in Case No. U-21798

(Continued from Sheet D-113.00)

# STANDARD CONTRACT RIDER NO. 18 (contd.)

#### DISTRIBUTED GENERATION PROGRAM

#### **CUSTOMER ELIGIBILITY**

In order to be eligible to participate in the Distributed Generation Program, customers must generate a portion or all of their own retail electricity requirements with an Eligible Electric Generator which utilizes a Renewable Energy Resource, as defined above.

A customer's eligibility to participate in the Distributed Generation Program is conditioned on the full satisfaction of any payment term or condition imposed on the customer by pre-existing contracts or tariffs with the Company, including those imposed by participation in the Distributed Generation Program, or those required by the interconnection of the customer's Eligible Electric Generator to the Company's distribution system.

# **CUSTOMER BILLING**

#### Inflow

(a) Full Service Customers

The customer will be billed according to their retail rate schedule, plus surcharges, and Power Supply Cost Recovery (PSCR) Factor on metered Inflow for the billing period or time-based pricing period.

(b) Retail Open Access Customers

The customer will be billed as stated on the customer's Retail Open Access Rate Schedule on metered Inflow for the billing period or time based pricing period.

#### Outflow

The customer will be credited on Outflow for the billing period or time-based pricing period. The credit shall be applied to the current billing month and shall be used to offset *Company electric charges on the bill, excluding securitization charges*. The credit shall not offset any delivery charges or other surcharges. Any excess credit not used will be carried forward to subsequent billing periods. Unused Outflow Credit from previous months will be applied to the current billing month, if applicable, to offset *Company electric charges excluding securitization charges* on the customer's bill. Outflow Credit is nontransferrable.

 Full Service Customers Power Supply Credit for Outflow:

Customers will be credited for each kWh of Outflow according to the power supply rates shown below, plus the PSCR factor. For the demand-based outflow credits shown below, outflow demand will be determined by the average of on-peak demand (kW) during the billing period.

(Continued on Sheet No. D-115.00)

Issued April 8, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission April 11, 2025 Filed by: DW Effective for service rendered on and after March 13, 2025

Issued under authority of the Michigan Public Service Commission dated March 13, 2025 in Case No. U-21798

# (Continued from Sheet D-114.00) STANDARD CONTRACT RIDER NO. 18 (contd.) DISTRI

# DISTRIBUTED GENERATION PROGRAM

Rate Schedule	Outflow Credit \$ per kWh						
Residential							
D1/D1.6 Residential	First 17 kWh per Day: \$0.08765	Excess: <b>\$0.10139</b>					
D1.1 Int. Air	Summer: <b>\$0.07384</b>	Winter: <b>\$0.05151</b>					
D1.2 Time-of-Day	Summer On-Peak:         Summer Off-Peak:         Winter On-Peak:         Winter           \$0.15890         \$0.05350         \$0.13422         \$0.						
D1.7 Time-of-Day	Summer On-Peak: <i>\$0.13836</i>	Summer Off-Peak: <b>\$0.04583</b>	Winter On-Peak: <i>\$0.05978</i>	Winter Off-Peak: \$0.04698			
D1.8 Dymanic Peak Pricing	Critical Peak: \$0.95000	On-Peak: <b>\$0.17222</b>	Mid-Peak: <b>\$0.08896</b>	Off-Peak: <b>\$0.4590</b>			
D1.9 Elec. Vehicle	On-Peak: \$0.17383	Off-Peak: \$0.04346					
D1.11 Stan. TOU	June-Sept On-Peak: <b>\$0.1448</b> 7	June-Sept Off-Peak: <b>\$0.08728</b>	Oct-May On-Peak: <b>\$0.1021</b> 7	Oct-May Off-Peak: <b>\$00.08728</b>			
D1.13 Overnight Savers	On-Peak: June-Sept: \$0.16118 Oct-Nov: \$0.09194	Off-Peak: June-Sept: \$0.10846 Oct-Nov: \$0.08252	Super Off-Peak: June-Sept: \$0.06850 Oct-Nov: \$0.06850				
D2 Elec Space Heat	Summer First 17 kWh per Day: \$0.08152	Summer Excess: <b>\$0.09436</b>	Winter First 20 kWh per Day: <i>\$0.06925</i>	Winter Excess: \$0.05852			
D5 Water Heat	All kWh: <b>\$0.04909</b>						
Secondary			``````````````````````````````````````				
D1.1 Int. Air	Summer: \$00.07512	Winter: <b>\$0.05923</b>					
D1.7 Time-of-Day	Summer On-Peak:         Summer Off-Peak:         Winter On-Peak:         V           \$0.04995         \$0.04562         \$0.04670         V						
D1.8 Dynamic Peak Pricing	Critical Peak: \$0.95	On-Peak: \$0.16810	Mid-Peak: \$0.09035	Off-Peak: \$0.04599			
D1.9 Elec. Vehicle	On-Peak: <b>\$0.17383</b>	Off-Peak: <b>\$0.04346</b>					
D3 General Service	All kWh: <b>\$0.08176</b>						
D3.2 Secondary Education	All kWh: <b>\$0.07908</b>						
D3.3 Interruptible General Service	All kWh: <b>\$0.06832</b>						
D3.11 TOU General	June-Sept On-Peak:	June-Sept Off-Peak:	Oct-May On-Peak:	Oct-May Off-Peak:			
Service	\$0.12863	\$0.07672	\$0.08209	\$0.07672			
D4 Large General	Demand:	First 200 kWh per kW:	Excess:				
Service	\$16.66	\$0.04030	\$0.03111				
D5 Water Heat	All kWh: <b>\$0.04814</b>						
E1.1 Eng. St. Ltg.	All kWh: <b>\$0.05631</b>						

(Continued on Sheet No. D-116.00)

Issued February 19, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission March 11, 2025 Filed by: DW Effective for service rendered on and after February 6, 2025

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

# (Continued from Sheet D-115.00) STANDARD CONTRACT RIDER NO. 18 (contd.)

# DISTRIBUTED GENERATION PROGRAM

Rate Schedule	ow Credit er kWh						
Primary							
D11 Primary Supply	Demand:	On-Peak:	Off-Peak:				
Primary	<b>\$16.99</b> per kW	\$0.04275	\$0.03275				
Subtransmission	<b>\$16.64</b> per kW	\$0.04213	\$0.03213				
Transmission	<b>\$16.27</b> per kW	\$.0.04136 \$0.03136					
D6.2 Primary Educational Institution	Demand:	On-Peak:	Off-Peak:				
Primary	<b>\$14.78</b> per kW	\$0.04669	\$0.04369				
Subtransmission	<b>\$14.48</b> per kW	\$0.04590	\$0.04290				
Transmission	<b>\$14.16</b> per kW	\$0.04494	\$ <i>0.04194</i>				
D8 Interruptible Supply	Demand:	On-Peak	Off-Peak				
Primary	\$10.12 per kW	\$0.04275	\$0.03275				
Subtransmission	<b>\$9.92</b> per kW	\$0.04213	\$0.03213				
Transmission	<b>\$9.69</b> per kW	\$0.04136	\$0.03136				
D10 All Electric School	Summer: <b>\$0.09579</b>	Winter: <b>\$0.07566</b>					
D13 XL	All kWh: \$0.05109						
D14 TOU Primary	June-Sept On-Peak:	June-Sept Off-Peak:	Oct-May On-Peak:	Oct-May Off-Peak:			
Primary	\$0.1034 <b>3</b>	\$0.06155	\$0.07149	\$0.06155			
Subtransmission	\$0.10225	\$0.06037	\$0.07031	\$0.06037			
Transmission	\$0.10079	\$0.05891	\$0.06885	\$0.05891			

(1) Retail Open Access Customers

The Outflow Credit will be determined by the Retail Service Supplier. For customers taking capacity service from the Company, the capacity outflow credit shall be the appropriate capacity rate(s) from the customer's rate schedule.

### APPLICATION FOR SERVICE

In order to participate in the Distributed Generation Program, a customer shall submit completed Interconnection and Distributed Generation Program Applications, including the application fee of \$50 to the Company.

The Distributed Generation Program application fee is waived if the customer is transitioning from the Net Metering Program.

Issued February 19, 2025 M. A. Bruzzano Senior Vice President **Regulatory Affairs** 

Michigan Public Service Commission March 11, 2025

Effective for service rendered on and after February 6, 2025

(Continued on Sheet No. D-116.01)

Filed by: DW

Issued under authority of the Michigan Public Service Commission dated January 23, 2025 in Case No. U-21534

# (Continued from Sheet D-116.00)

# STANDARD CONTRACT RIDER NO. 18 (contd.)

# DISTRIBUTED GENERATION PROGRAM

#### APPLICATION FOR SERVICE (contd.)

If a customer does not act or correspond on an application for over 6 months, when some action is required by the customer, the application may be voided by the Company.

#### **GENERATOR REQUIREMENTS**

The Eligible Electric Generator(s) must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirement for electricity.

Systems will be limited in size, not to exceed *110% of* the Customer's self-service needs of the Rate Schedule to which this Rider is attached. The customer's requirement for electricity shall be determined by one of the following methods:

- (1) The customer's annual energy usage, measured in kWh, during the previous 12-month period.
- (2) In instances where complete and correct data is not available or where the customer is making changes onsite that will affect total usage, the Company and the customer shall mutually agree on a method to determine the customer's annual electric requirement.

The customer is required to provide the Company with a capacity rating in kW of the generating unit and a projected monthly and annual Kilowatt-hour output of the generating unit, along with a one-line of system and site plan when completing the Company's Distributed Generation Program Application.

The customer need not be the owner or operator of the eligible generation equipment, but is ultimately responsible for ensuring compliance with all technical, engineering and operational requirements suitable for the Company's distribution system.

### **GENERATOR INTERCONNECTION REQUIREMENTS**

The requirements for interconnecting a generator with the Company's facilities are contained in Rule B8., Electric Interconnection and Distributed Generation Standards, the Michigan Electric Utility Generator Interconnection Requirements and the Company's Generator Interconnection Supplement to Michigan Electric Utility Generator Interconnection Requirements. All such interconnection requirements must be met prior to the effective date of a customer's participation in the Distributed Generation Program. The customer must sign an Interconnection and Operating Agreement with the Company and fulfill all requirements as specified in the Agreement. The customer shall pay actual interconnection costs associated with participating in the Distributed Generation Program, subject to limits established by the Michigan Public Service Commission.

The Company must approve in writing any subsequent changes in the interconnection configuration before such changes are allowed. Operating in parallel with the Company's system without the Company's written approval of the interconnection and written approval of any subsequent changes to the interconnection will subject the Customer's equipment to disconnection.

(Continued on Sheet No. D-116.02)

Issued April 8, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission April 11, 2025 Filed by: DW Effective for service rendered on and after March 13, 2025

Issued under authority of the Michigan Public Service Commission dated March 13, 2025 in Case No. U-21798

# (Continued from Sheet D-116.01) STANDARD CONTRACT RIDER NO. 18 (contd.) DISTRIBUTED GENERATION PROGRAM

#### METERING REQUIREMENTS

Metering requirements shall be specified by the Company, as detailed below. All metering must be capable of recording inflow and outflow and all parameters metered on the customer's otherwise applicable retail rate schedule, for both Full Service and Retail Open Access customers.

### DISTRIBUTION LINE EXTENSION AND/OR EXTRAORDINARY FACILITIES

The Company reserves the right to make special contractual arrangements with Distributed Generation Program customers whose utility service requires investment in electric facilities, as authorized by the Company's Standard Contract Rider No. 2, Special Purpose Facilities, Rule C1, Character of Service, and Rule C6., Distribution Systems, Line Extensions and Service Connections, as set out in the Company's Electric Rate Book. The Company further reserves the right to condition a customer's participation in the Distributed Generation Program on a satisfactory completion of any such contractual requirements.

# CUSTOMER TERMINATION FROM THE DISTRIBUTED GENERATION PROGRAM

A participating customer may terminate participation in the Company's Distributed Generation Program at any time for any reason on sixty days' notice. In the event that a customer who terminates participation in the Distributed Generation Program wishes to re-enroll, that customer must reapply as a new program participant, subject to program size limitations, application queue and application fees.

The Company may terminate a customer from the Distributed Generation Program if the customer fails to maintain the eligibility requirements, fails to comply with the terms of the interconnection and parallel operating agreement, or if the customer's facilities are determined not to be in compliance with technical, engineering, or operational requirements suitable for the Company's distribution system. The Company will provide sixty days' notice to the customer prior to termination from the Distributed Generation Program, except in situations the Company deems dangerous or hazardous. Such notice will include the reason(s) for termination.

Upon customer termination from the Distributed Generation Program, any existing Outflow credit on the customer's account will be applied to *Company electric charges, excluding securitization charges* of the customer's future bills for customers who remain in the residence. Outflow credit will be refunded to customers who do not remain in the residence. Distributed Generation Program credit is non-transferrable.

### COMPANY TERMINATION OF THE DISTRIBUTED GENERATION PROGRAM

Company termination of the Distributed Generation Program may occur upon receipt of Commission approval.

Upon customer termination from the Distributed Generation Program, any existing Outflow credit on the customer's account will be applied to *Company electric charges, excluding securitization charges* of the customer's future bills for customers who remain in the residence. Outflow credit will be refunded to customers who do not remain in the residence. Distributed Generation Program credit is non-transferrable.

(Continued on Sheet No. D-116.03)

Issued April 8, 2025 M. A. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission April 11, 2025 Filed by: DW Effective for service rendered on and after March 13, 2025

Issued under authority of the Michigan Public Service Commission dated March 13, 2025 in Case No. U-21798

# (Continued from Sheet D-116.02) **STANDARD CONTRACT RIDER NO. 18** (contd.) **DISTRIBUTED GENERATION PROGRAM**

#### DISTRIBUTED GENERATON PROGRAM STATUS AND EVALUATION REPORTS

The Company will submit an annual status report to the Commission Staff by March 31 of each year including Distributed Generation Program data for the previous 12 months, ending December 31. The Company's status report shall maintain customer confidentiality.

#### **RENEWABLE ENERGY CREDITS**

Renewable Energy Credits (RECs) are owned by the customer. The Company may purchase Renewable Energy Credits from participating Distributed Generation Program customers who are willing to sell RECs generated if the customer has a generator meter in place to accurately measure and verify generator output. REC certification costs are the responsibility of the customer.

The Company will enter into a separate agreement with the customer for the purchase of any RECs.

Issued June 8, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission June 23, 2020 Filed by: DW Effective for service rendered on and after May 15, 2020

Issued under authority of the Michigan Public Service Commission dated May 8, 2020 in Case No. U-20561

First Revised Sheet No. D-117.00 Cancels Original Sheet No. D-117.00

First Revised Sheet No. D-118.00 Cancels Original Sheet No. D-118.00

First Revised Sheet No. D-119.00 Cancels Original Sheet No. D-119.00

in Case No. U-20713

"Rider No. 19 has been terminated. Please see Rider No. 17."

Issued August 15,2022	Michigan Public Service	Effective for service rendered on
M. Bruzzano	Commission	and after August 20, 2022
Senior Vice President	August 19, 2022	
Corporate Strategy and Regulatory Affairs	Filed by: DW	Issued under authority of the
		Michigan Public Service Commission
Detroit, Michigan		dated June 9, 2021
-		

# STANDARD CONTRACT RIDER NO. 20 EXPERIMENTAL DEMAND RESPONSE RESOURCE TYPE I (DRR 1)

AVAILABILITY OF SERVICE: Available to customers taking interruptible service under Interruptible Supply Rate No. D8, Interruptible Supply Rider No. 10, *Alternative Metal Melting Rider No. 1.1, or Electric Process Heat Rider No. 1.2* seeking to indirectly participate in the Midcontinent Independent System Operator (MISO) wholesale energy market in the form of a Demand Response Resource Type 1. Customers will submit offers to the Company and the Company, as the MISO Market Participant (MP), will submit offers into the MISO market. Registration as a MISO CP Node is required for participation on this rider. Service under this rider is limited to customers with interruptible loads of at least 10 MW. This rider is limited to 5 customers on a first come first served basis with additional participation at the Company's discretion. This rider is not available to customers operating on-site generation in parallel with the Company's service.

- **CURRENT, PHASE AND VOLTAGE:** Alternating current, three-phase, nominally at 24,000, 41,570 or 120,000 volts at the option of the Company. For definition of customer voltage level, see Section C13.
- **TERMS OF SERVICE**: Customers who desire to participate in the DRR 1 tariff shall enter into a written contract with the Company to reduce a portion of its electric load with the Company acting as the Market Participant for the Customer. Participation on this rider is only available to electric loads that are already registered by the Company as a Load Modifying Resource (LMR).

#### AVAILABLE DEMAND RESPONSE RESOURCE TYPE 1 OFFERS:

Customer can submit the following fixed, pre-specified quantity of Energy types of offers to the Company as defined in MISO Tariff and Demand Response Business Practices Manual:

- Energy Offer Economic Demand Response
- Contingency Reserve Offer Spinning Reserve and Supplemental Reserve.

### **OFFER REQUIREMENTS:**

Customer must comply with all Company requirements and procedures when submitting an offer, including but not limited to:

- All Customer offers must be submitted on a day-ahead basis and be received by the Company by 9:00 am.
- Customer is eligible to submit up to one Energy Offer hourly schedule and one Contingency Reserve Offer hourly schedule per day. If no schedule is received by 9:00 am for day-ahead submittal, the default offer schedule will be 0 MW.
- Offer must be in 0.1 MW increments
- The Company will submit the same offer schedule for Real-Time that was submitted in the Day-Ahead market. It is the responsibility of the participating customer to immediately notify the Company of any availability changes for the Demand Response Resource.

The Company as the Market Participant will submit DRR Type 1 offer(s) to MISO based on the customer's offer(s).

### **ACCEPTED OFFER NOTIFICATIONS:**

The Company will notify the Customer if their DRR offer(s) clear the market as follows:

• Energy Offer – the Company will notify the Customer by 3pm of the offer submittal day for day-ahead awards (dependent upon MISO clearing the Day-Ahead market timely). Real-time notifications will be sent as received from MISO.

(Continued on Sheet No. D-121.00)

Issued January 25, 2022 M. A. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Michigan Public Service Commission January 26, 2022 Filed by: DW Effective for service rendered on and after February 1, 2022

Issued under authority of the Michigan Public Service Commission dated January 20, 2022 in Case No. U-21165

(Continued from Sheet No. D-120.00)

#### STANDARD CONTRACT RIDER NO. 20 (Contd.)

EXPERIMENTAL DEMAND RESPONSE RESOURCE TYPE I (DRR 1)

### ACCEPTED OFFER NOTIFICATIONS (contd.):

- Contingency Reserve Offers:
  - Spinning Reserve and Supplemental Reserve the Company will notify Customer by 3pm of the offer submittal day for day-ahead awards.
  - MISO Real-time notifications will be communicated to the Company with a minimum 10-minute notification before of expected deployment. The Company will take reasonable efforts to maintain the minimum 10-minute notification to the Customer.

The Customer will not be notified of DRR offers that do not clear the market.

#### PAYMENT AND COMPLIANCE WITH OFFERS THAT CLEAR THE MARKET:

- Customer will receive the net of any charges and credits received through activity in the MISO market assigned to the resource, as described in the MISO Business Practice Manual for Market Settlements (BPM-005), and associated attachments MS-OP-029 Market Settlements Calculation Guide and MS-OP-031 Post Operating Processor Calculation Guide.
- The Customer is responsible for reducing its demand by the MISO-cleared offer amount. Load reduction will be determined by one of the MISO methodologies approved in the MISO Demand Response Business Practices Manual and agreed upon by the Company. The Customer is responsible for downloading MISO's load reduction instructions from Company's market interface.
- If the Customer fails to perform to its offer cleared by MISO in accordance with the contract, MISO may penalize the Company as the MP. The Customer will be fully responsible for paying any MISO penalties in addition to the fees incurred by the Company.
- The customer will be responsible for any non-compliance and investigative actions caused by failure to perform.
- If the Customer does not pay the failure to perform penalties by the due date, the Customer shall be suspended from further participating until all outstanding fees are paid.

#### **RATE FOR SERVICE:**

Company shall invoice the Customer for all applicable management fees. Fees may be amended with Commission approval.

One-time set-up fee: Customers taking service under this rider are responsible for a pro rata share of the \$74,000 one-time set-up costs associated with implementing this rider. At the outset, the \$74,000 one-time set-up costs will be borne by the initial participants. Customer pro rata shares will be recalculated whenever additional customers are added within 5 years of the initial effective date of this rider and existing customers will receive a credit back based on the recalculated pro rata share. Customers will have the option to pay their share of the one-time set-up fee as an up-front lump sum or by 12 equal payments over the first year of service under this rider.

Administrative Charge: \$7,500 per customer per month

(Continued on Sheet No. D-122.00)

Issued January 25, 2022 M. A. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs Michigan Public Service Commission January 26, 2022 Filed by: DW Effective for service rendered on and after February 1, 2022

Issued under authority of the Michigan Public Service Commission dated January 20, 2022 in Case No. U-21165

# (Continued from Sheet No. D-121.00)

#### STANDARD CONTRACT RIDER NO. 20 (Contd.)

**EXPERIMENTAL DEMAND RESPONSE RESOURCE TYPE I** (DRR 1)

#### **RATE FOR SERVICE (contd.):**

Monthly Minimum Charge: Administrative Charge plus monthly set-up fee if applicable.

#### SPECIAL TERMS AND CONDITIONS:

#### Dispute Resolution:

- Customer may, in good faith, dispute the correctness of any invoice or any adjustment to an invoice • under this Tariff, or adjust any invoice for arithmetic or computational error, within 12 months following the date such invoice, or adjustment to an invoice, was rendered. Any dispute with respect to an invoice must be made in writing and state the basis for such dispute. If the Customer provides written notice of a dispute with respect to an invoice prior to the applicable due date for such invoice, the Customer shall pay the undisputed amount of such invoice when due, but may if not already paid, withhold payment of the disputed portion until such dispute is resolved. If in connection with the resolution of the dispute it is determined that (i) an additional payment is due by the Customer, the Customer shall make the required payment within thirty (30) days following such resolution, together with interest accrued at the Interest Rate from and including the due date to but excluding the date paid or (ii) the Customer is entitled to a refund of any amount previously paid, the Company shall provide the Customer with a credit on the next invoice delivered following resolution of the dispute equal to the amount overpaid, with interest accrued at the Interest Rate from and including the date such overpayment was made to but excluding the date reflected as a credit in an invoice delivered by the Company, as applicable.
- Registration of the DRR Type I resource will follow MISO's quarterly network model cycle. During this cycle, the Company will make a request on behalf of the Customer to register a CP Node, The Customer is required to assist the Company in completing any MISO registration requirements.
- Once registered, a default offer schedule of 0 MW will be established which will remain valid until updated or declared unavailable. The Customer is responsible for communicating all offer requirements to the Company through the Company's market interface. The Company will publish MISO awards on Company's market interface.
- Customer must comply with all Company metering requirements and is responsible to pay any associated costs necessary to provide this service.
- Meter data reported to MISO will be at the transmission level and adjusted for distribution losses.
- In the event MISO terminates the participation supported by the Customer, the Company shall • immediately terminate the Customer's participation in this tariff.
- Customer must comply with all Company rules and regulations of service and billing processes and • procedures provided by the Company in the administration of this tariff.

CONTRACT TERM: The contract term is for one year extending thereafter from month-to-month until terminated by mutual consent or on 30 days written notice by either party.

Issued January 25, 2022 M. A. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Michigan Public Service Commission January 26, 2022 Effective for service rendered on and after February 1, 2022

Filed by: DW

Detroit, Michigan

Issued under authority of the Michigan Public Service Commission dated January 20, 2022 in Case No. U-21165

# STANDARD CONTRACT RIDER NO. 21 UTILITY INVESTMENT TARIFF FOR *LARGE* ELECTRIC *VEHICLE* BATTERIES AND CHARGING STATIONS

- 1 **AVAILABILITY OF SERVICE :** Eligible on an optional and voluntary basis to any Company customer operating *internal combustion engine (ICE)* who takes service under any Company rate schedule. Service is available at the Company's discretion.
- 2 **REQUIREMENTS OF PARTICIPATION:** To participate in the Program, a customer must:
  - 2.1 Provide the Company with an Electric *Vehicle* Procurement Plan as described in Section 3 and agree to pay the Company's fee, if any, for reviewing the cost effectiveness analysis as described in Section 3.4.
  - 2.2 Assure disassembly and recycling of *vehicle* components associated with *ICE* fuel use in *vehicles* to be replaced.
  - 2.3 Assure that charging equipment will include customer override functionality that allows customer to charge at times outside the limits used in the cost effectiveness analysis described in Section 3.
  - 2.4 Accept the terms of this tariff and associated Upgrade Procurement Agreement (Agreement) described in Section 4.
- 3 ELECTRIC BUS PROCUREMENT PLANS: The Company or its agent will review an Upgrade Procurement Plan (Plan) for electric vehicles (with battery size per vehicle greater than 150 kWh) that includes a cost effectiveness analysis of procuring electric vehicles and charging stations (Upgrades) compared with *ICE vehicles*. Costs and benefits considered must include all customer costs and savings associated with procurement and operation, including electricity on an available rate schedule and annual *ICE* fuel costs, charging stations, maintenance, and planned replacements of batteries during the costrecovery period. The Company will approve any Plan for electric vehicles found to be cost effective for the customer based on the Participant Cost Test and for the Company based on the Utility Cost Test. The Company costs must include cost of capital and cost paid for the Upgrades. The Company's cost recovery in the proposed Upgrade Procurement Plan will be limited to an amount equal to 80% of the estimated savings resulting from the Upgrades, providing the Company's investment amount and cost recovery meets the parameters in Sections 3.2 and 6.
  - **3.1 INCENTIVE PAYMENT:** The Company may make an incentive payment toward an electric *vehicle* procurement project that is less than or equal to the value of the replacement of an *ICE vehicle* with an all-electric *vehicle* to the Company based on the Utility Cost Test. This value would be in addition to any rebate to any customer replacing an *ICE vehicle* with an all-electric *vehicle*.
  - **3.2 NET SAVINGS:** Approved Plans and Company investment amounts will be limited to those for which the annual Program Service Charges (Service Charges) as described in Section 6, including program fees and the Company's cost for capital, are no greater than 80% of the customer's estimated annual savings from net reduction in Customers' annual operating costs based on current fuel prices and rates for electricity and any documented reduced operations and maintenance costs. If any special rate is used to calculate Customer savings, the Plan must specify the conditions of such rate. In addition to any Company incentive payments as described

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Issued December 21, 2023 M. Bruzzano Senior Vice President Regulatory Affairs Michigan Public Service Commission January 8, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297

Continued from Sheet D-123.00)

### STANDARD CONTRACT RIDER NO. 21 (Contd.) UTILITY INVESTMENT TARIFF FOR *LARGE* ELECTRIC *VEHICLE* BATTERIES AND CHARGING STATIONS

in 3.1, any grants or state or federal incentives available to the customer that can be used to lower the Customer's incremental cost of all-electric *vehicles* within 1 year of the delivery of the new *vehicle* must be included in the Plan and cost effectiveness analysis.

- **3.3 COPAY OPTION:** In order to qualify a project that is not sufficiently cost effective for the Program, a Customer may agree to pay the portion of a project's cost that prevents it from qualifying for the Program as an upfront copayment to the seller. The Company will assume no responsibility for copayments.
- **3.4 COST EFFECTIVENESS ANALYSIS REVIEW FEE:** If the cost of the Company's review of the Plan and its associated cost effectiveness analysis exceeds the lifecycle value to the Company of allelectric *vehicles* procured by Customer based on the Utility Cost test, the Company may recover from Customer the portion of the cost for its review and analysis that is greater than the value of the investment to the Company. The Company will not recover costs for its review of analyses if the Company concludes that proposed all-electric *vehicle* procurements are cost effective only with a copayment. The Company will recover all of its costs for the analysis from a Customer who declines to procure electric *vehicles* identified as cost effective in a Plan that does not require a copayment.
- 4 ACCEPTANCE: Should the Customer wish to proceed with implementing the Plan approved by the Company, the Company will determine the appropriate monthly Service Charge, as described in Section 6. The Customer will sign an Upgrade Procurement Agreement (Agreement) and select a vendor from the Company's list of approved vendors or seek approval of its preferred vendor to effect the procurement of Upgrades.
  - **4.1 NOTICE:** If the Customer does not own the property where the electric *vehicles* are to be charged, the Customer must secure the site owner's signature on an Owner Agreement, agreeing to the installation on the property of fixed assets associated with charging the all-electric *vehicles*. Owner must agree to not remove or damage these fixed assets, to have a Notice of the Upgrades attached to their property records, and to provide notice to successor customers at this location of the benefits and obligations of the Upgrade Procurement Agreement associated with the all-electric *vehicles*. Failure to obtain the signature of a successor customer on the Notice Form indicating that the successor customer received notice will constitute the owner's acceptance of consequential damages and permission for a tenant or purchaser to break their lease or sales agreement without penalty.
- 5 QUALITY ASSURANCE: When the Customer's procurement is completed, the vendor will be paid the amount that is determined to be cost effective by the Company as described in Section 3 and 6, following onsite or telephone inspection by the Company or its Agent confirming operation of the new equipment and decommissioning of any *ICE* equipment it replaced.
- 6 **PROGRAM SERVICE CHARGES:** The Company will recover the costs for Upgrades, including any fees as allowed in this tariff, through a fixed monthly Program Service Charge (Service Charge) assigned to the location where charging occurs until all Company costs have been recovered. Service

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Issued December 21, 2023 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission January 8, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297

(Continued from Sheet D-123.01)

# STANDARD CONTRACT RIDER NO. 21 (Contd.) UTILITY INVESTMENT TARIFF FOR LARGE ELECTRIC VEHICLE BATTERIES AND CHARGING STATIONS

Charges must meet the net savings requirements described in Section 3.2. Service Charges will be set for a duration either equal to the length of a full parts and labor warranty or not to the exceed 80% of the estimated life of the new *vehicles*, including any major part replacements such as batteries, unless the cost for these replacements is covered by the Agreement and included in the Company's analysis as described in Sections 3.2 and 3.4, whichever is longer. The Service Charges and their duration will be included in the Agreement.

- **6.1 COST RECOVERY:** No sooner than 45 days after approval of completed electric *vehicle* procurement(s) by the Company or its Agent, the Customer shall be billed the monthly Service Charge as determined by the Company. The Company will bill and collect Service Charges until cost recovery is complete except in cases discussed in Section 7.
- **6.2 VACANCY OR LOCATION CHANGE:** If the Customer leaves the electric service location where the *vehicles* are charged, they must either relocate the charging assets and the associated Service Charges to a new location within the Company's service territory or pay the Company an amount equal to all of the remaining Service Charges and any Company incentives in Section 3.1.
- **6.3 TERMINATION OF SERVICE CHARGE:** Once the Company's costs described in Section 6 have been recovered, the monthly Service Charge in Section 6 shall no longer be billed, except as described in Section 7.
- **6.4 EXTENSION OF SERVICE CHARGE:** As described in Section 7 or for any other reason, if the monthly Service Charge is reduced or suspended, once repairs have been successfully effected or service reconnected, the number of total monthly payments shall be extended until the Service Charges collected equal the Company's cost for its investment in an electric *vehicle*, including costs associated with repairs, deferred payments, and missed payments as long as the current occupant is still benefitting from the all-electric *vehicles*. Service Charges will not be extended if the Company obtains cost recovery from a reserve fund or from all ratepayers.
- **6.5 TIED TO THE LOCATION:** Until cost recovery for the Company's investments in electric *vehicles* for a Customer at a billing location is complete or these *vehicles* fail as described in Section 7, the terms of this tariff shall be binding at the metered location and on any future Customer who receives service at that location. If the Customer or its successor wishes to relocate its operations from the assigned meter, it must first obtain consent from Company and the Customer must agree to assign its payment obligation to the new location.
- **6.6 DISCONNECTION FOR NON-PAYMENT:** Without regard to any other Commission or Company rules or policies, the Service Charges will be considered an essential part of the Customer's bill for electric service, and the Company may disconnect the metered location for non-payment of Charges under the same provisions as for any other electric service.

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Issued December 21, 2023 M. Bruzzano Senior Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission January 8, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297 (Continued from Sheet D-123.02)

# STANDARD CONTRACT RIDER NO. 21 (Contd.) UTILITY INVESTMENT TARIFF FOR LARGE ELECTRIC VEHICLE BATTERIES AND CHARGING STATIONS

7 REPAIRS: During the billing of Service Charges, the battery should remain under manufacturer warranty. If the charging equipment capitalized by the Company no longer functions as intended and the Company determines that the Customer did not damage or fail to maintain the Upgrades, then the Company shall reduce or suspend the Service Charges until such time as the Company and/or its vendor can repair the Upgrades. If the electric *vehicle* and/or charging station(s) cannot be repaired or replaced cost effectively, the Company will waive remaining Service Charges.

If an Upgrade fails, the Company is responsible for determining its cause and for repairing the equipment in a timely manner as long as the Customer, Owner if different, or occupants did not damage them, in which case the Customer will reimburse the Company as described in Section 7.

If the Company determines the Customer, or *vehicle* owner if different, damaged or failed to maintain the electric *vehicle*, it will seek to recover from the Customer all costs associated with the installation, including any fees, the Company's cost for capital, incentives paid to lower project costs, and legal fees.

The Service Charges will continue until cost recovery is complete.

- 8 MAINTENANCE OF UPGRADES: Participating Customers must agree to keep all Upgrades in place for the duration of Service Charges, to maintain them per manufacturers' instructions, and report their failure to the Company or its Agent as soon as possible. As described in Section 2.4, if the Customer is not the site owner, the site owner must sign an Owner's Agreement.
- 9 OWNERSHIP OF UPGRADES: During the period of time when Service Charges are billed to Customers at locations where procurement of Upgrades are located, the Company will retain ownership of the Upgrades. Upon termination of the Service Charge, ownership will be assigned to the site owner unless the Agreement specifies a different party than the site owner or Company.
- 10 MONITORING AND EVALUATION: The Company or its Agent will compare each participant's postinstallation actual annual savings to estimated annual savings at least once for each location. If any instances are identified where actual savings are below 80% of the estimated savings in Section 3.2, the Company or its Agent will investigate to identify the cause and take appropriate action, including action described in Section 7 above or enforcement of agreements with contractors or participating customers.

Issued December 21, 2023 M. Bruzzano Senior Vice President Regulatory Affairs

Michigan Public Service Commission January 8, 2024 Filed by: DW Effective for service rendered on and after December 15, 2023

Issued under authority of the Michigan Public Service Commission dated December 1, 2023 in Case No. U-21297

# **RETAIL ACCESS SERVICE RIDER – RIDER EC2**

#### E1 INTRODUCTION

This Rider is designed to express the terms and conditions associated with retail access service in the DTE Electric Choice Program, as well as provide information regarding the roles of the various market participants. This Rider includes the following sections:

Introduction and Definitions	Sec. 1
Customers	Sec. 2 - 8
Alternative Electric Suppliers	Sec. 9 - 16
Marketers	Sec. 17 - 18

In the DTE Electric Choice Program, DTE Electric will maintain a relationship and interact with at least three separate participants: The Customer, the Alternative Electric Supplier and the Marketer. One entity may be responsible for both the Alternative Electric Supplier and Marketer roles. DTE Electric has separately defined the retail and wholesale functions behind electric supply in a competitive environment.

#### E1.1 The Customer Role

The Customer is the end-user of Power at one or more locations in the State of Michigan who has facilities connected to the DTE Electric D is tribution S ystem. Under retail access service, the Customer will conduct transactions with at least two entities – DTE Electric and an Alternative Electric Supplier. The Customer is responsible for choosing an Alternative Electric Supplier.

The Customer must already be connected to the DTE Electric Distribution System as a Full Service Customer or meet the requirements for new Customers connecting to the DTE Electric Distribution System. All Primary Customers and Secondary Customers with Customer Service Capacities greater than 300 kW must execute Customer Distribution Agreements with DTE Electric.

### E1.2 DTE Electric Role

For Retail Access Service, DTE Electric is the provider of **Distribution S**ervice distributing electric power within DTE's Electric service territory under the jurisdiction of the Commission. DTE Electric also provides Utility Capacity Service to Retail Access Customers requiring *capacity service* from the Company.

#### E1.3 The Alternative Electric Supplier Role

An Alternative Electric Supplier is an entity that has obtained all the necessary legal approvals to sell retail electricity in Michigan.

The Alternative Electric Supplier buys products and services needed to provide *P*ower *Supply Service* or *E*nergy *Service* to Customers, combines these products and services in different marketing packages, and sells the packages to Customers. Alternative Electric Suppliers must meet all applicable statutory and regulatory requirements of Michigan and Federal law.

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Issued December 21, 2020 C. Serna Vice President Regulatory Affairs Michigan Public Service Commission January 4, 2021 Filed by: DW Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E1 INTRODUCTION (Contd.)

#### E1.4 The Marketer Role

The Marketer is an entity that acts as a wholesale supplier; takes title to *Energy* and has *Federal Energy Regulatory Commission* (FERC) authorization to market energy services. FERC authorization allows the Marketer to use transmission systems to move *Energy* from the generator(s) to the distribution system. The Marketer is either a FERC-authorized power Marketer or a utility. As defined by FERC, in the context of this Rider, the Marketer is responsible for all Transmission-related responsibilities related to serving the retail access customers served by its supply. These include: scheduling energy, obtaining ancillary services, and paying energy imbalance charges. The Alternative Electric Supplier and Marketer functions may be handled by one entity or may be performed by different parties. Either way, both the Alternative Electric Supplier role and the Marketer role must be performed to complete delivery to a Customer.

#### *E1.5* Availability

**This Rider is a**vailable for metered service in conjunction with Rate Schedule Nos. D1 through **R19** excluding R3 **and R19**, when the customer wishes to take Power Supply Service or Energy Service from an Alternative Electric Supplier, unless the customer is currently participating in any DTE tariffs, programs or contractual relationships that limit their ability to elect Retail Access Service. This Rider is not available for unmetered service.

#### E1.6 Definitions

Advanced Electric Meter means a digital electric meter that has the capability to measure, record and transmit Energy usage in kWh, 30-minute integrated Demand in kW and 30-minute integrated R eactive Demand in kVAR via a secure communication network.

Aggregator means an entity that combines the *E*nergy consumption of multiple Customers for the purpose of meeting minimum load criteria necessary for retail access service.

Alternative Electric Supplier (AES) means an entity that has obtained all the necessary approvals to sell retail electricity in Michigan and is licensed by the Michigan Public Service Commission. An AES does not physically deliver electricity directly to retail Customers in the state.

Automated Metering Infrastructure (AMI) meter means a digital electric meter that has the capability to measure and record *E*nergy usage in kWh and energy demand in kW and transmit that data via secure radio frequency to DTE Electric.

Capacity Service means the satisfaction of the AES's capacity obligation to MISO and as determined under MCL 460.6w and MPSC orders.

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Issued December 21, 2020 C. Serna Vice President Regulatory Affairs



Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

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#### RETAIL ACCESS SERVICE RIDER - RIDER EC2 (Contd.)

E1.6 **Definitions** (Contd.)

Commission means the Michigan Public Service Commission.

**CPNode** means a MISO designated Commercial Pricing Node that is used to aggregate hourly meter usage data by Marketer to support settlement in the MISO hourly energy market.

**Customer** means, for purposes of retail access service, an entity with electrical facilities connected to the DTE Electric Distribution System that purchases or receives Power Supply Service or Energy Service from an Alternative Electric Supplier and which Power Supply Service or Energy Service is delivered to its Location(s) pursuant to this Rider. All Customers, regardless of the voltage level of the service, are considered to be connected to the DTE Electric Distribution System.

**Customer Service Capacity** means the load carrying capability of the DTE Electric metering installation at the Customer's site, based on the thermal limits of the meter and any associated transformers.

**Demand** means the amount of power required to meet the Customer's load, generally expressed in kilowatts or megawatts, at a given instant or averaged over a designated interval of time.

**Distribution Contract Capacity** means the load carrying capacity in kilowatts of the DTE Electric Distribution System necessary to meet a Customer's maximum load requirements at a particular Location served under this Rider.

# Distribution Service means the delivery of electric Energy to a customer's site using the DTE Electric Distribution System.

**DTE Electric Distribution System** means facilities operated by DTE Electric for the purpose of distributing electric power within DTE's Electric service territory, which are subject to the jurisdiction of the Commission.

**Effective Date** is the date at which responsibility for providing Power Supply Service, Utility Capacity Service or Energy Service to a Customer transfers from the current provider to the new provider. The transfer occurs at the beginning (00:01 hours) of the Effective Date.

**Energy** in the context of this document the word energy refers to "electrical energy" and is measured in kilowatt-hours.

Energy Service means supplying the Power requirements of a Customer.

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Issued December 21, 2020 C. Serna Vice President Regulatory Affairs Michigan Public Service Commission January 4, 2021 Filed by: DW Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E1.6 **Definitions** (Contd.)

**Full Service** means the provision of regulated electric service including *Energy* Service, *capacity service* and *D*istribution *S*ervice, each provided by DTE Electric.

**Legally Authorized Person** means a person that has legal documentation or legal authority to enroll a Residential or Non-Residential customer into a binding contract. A Legally Authorized Person includes, but is not limited to, an individual with power of attorney or a corporate agent authorized to enter into contracts on a corporation's behalf.

Load means any end-use device drawing energy from the electric system.

Location means each Customer facility whether owned or leased.

Marketer means an entity that:

- A generates, brokers, markets or otherwise procures power to be supplied *and has FERC authorization to market Energy Services*
- B satisfies all applicable statutory and regulatory requirements of Michigan and Federal law, and
- C satisfies all applicable reciprocity requirements set forth in this Rider.

Meter Data Management Agent (MDMA) is the party responsible for reporting a Marketer's aggregated customer loads, with distribution losses, to MISO to support settlement in the MISO hourly energy market.

**Midcontinent Independent System Operator (Midcontinent ISO or MISO) Tariff** means the **Midcontinent** ISO Tariff on file with the Federal Energy Regulatory Commission, as amended from time to time. The Tariff governs MISO's provision of regional transmission service and MISO's operation of an energy and ancillary services market.

Power means a combination of the electric *D*emand and *Energy* requirements of the Customer.

Power Supply Service means Capacity Service and the sale of Energy to a retail customer and the undertaking of responsibility for that sale in the MISO tariff.

**Reactive Demand** means the amount of reactive power required to meet the Customer's Load, generally expressed in kilovolt-amperes reactive (kVAR), at a given instant or averaged over a designated interval of time.

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Issued December 21, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission January 4, 2021 Filed by: DW Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E1.6 **Definitions** (Contd.)

Separate Billing means DTE Electric provides billing and payment processing functions to customers for DTE Electric's Distribution Service and State Reliability Mechanism Capacity Charges only. The AES provides separate billing and payment processing functions to customers for the AES's Power Supply Service or Energy Service charges.

**Standard Demand/Energy Meter** means an analog meter that has the capability to measure and record *E*nergy usage in kWh and energy *D*emand in kW for customers taking service under certain rate schedules.

**State Reliability Mechanism** ensures *reliability* of the electric grid in Michigan and requires all electric providers (including AESs) to annually demonstrate to the Commission that they have sufficient capacity resources to serve their electric load in the planning period four years into the future.

State Reliability Mechanism Capacity Charge is a retail rate designed to recover DTE Electric's cost of providing *Utility Capacity Service*.

Utility Capacity Service means capacity service provided by DTE Electric to retail access customers as *determined under MCL 460.6w and MPSC orders*.

Utility Consolidated Billing (UCB) means the DTE Electric provides a single bill to the customer that includes both the DTE Electric's Distribution System and State Reliability Mechanism Capacity Charges and the AES' Power Supply Service or Energy Service charges. DTE Electric's performs all regular billing and payment processing functions that it performs for Full Service customers. This service was formally referred to as Complete Billing in the Retail Access Service Rider.

#### **CUSTOMER SECTION**

# E2 TERMS AND CONDITIONS OF SERVICE

**E2.1** This Retail Access Service Rider sets forth the terms and conditions of service for the *provision* of *Distribution* Service *and Utility Capacity Service* to a Customer, *where Power Supply Service or Energy Service is* procured by an Alternative Electric Supplier and supplied by a Marketer. Such Power shall be delivered to the Customer through the DTE Electric Distribution System. This Rider also sets forth the rates and charges for services unique to customers taking Retail Access Service.

**E2.2** A Customer's eligibility to take retail access service is subject to the full satisfaction of any terms or conditions imposed by pre-existing contracts or tariffs with DTE Electric. Rider No. 2 agreements between the Customer and DTE Electric will remain in effect during service under this Rider. Rider No. 4 - "Resale of Service" is also available under this Rider.

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Issued December 21, 2020 C. Serna Vice President Regulatory Affairs Michigan Public Service Commission January 4, 2021 Filed by: DW Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E2 TERMS AND CONDITIONS OF SERVICE (Contd.)

**E2.3** A Customer will specify only one Alternative Electric Supplier (and the Alternative Electric Supplier shall specify only one Marketer) at any given time for the supply of Power Supply Service or Energy Service to each Customer account or Customer Location.

**E2.4** DTE Electric shall be required to complete all retail access enrollment activities required to place a Customer in "site-ready" status within 10 calendar days:

- A This deadline does not require that Customers actually commence service within the specified timeframe; only that DTE Electric has completed all activities required of it to place the Customer in "site-ready" status.
- **B** Customers shall be permitted to change Alternative Electric Suppliers. The changes will become effective at the completion of their normal billing cycle. Customers will be assessed a \$5 processing charge per account for each change. The change will be submitted to DTE Electric electronically by the Customer's new Alternative Electric Supplier as a new enrollment.

#### E2.5.1 Metering

- A All *L*oad served under this Rider shall be metered. The meter type shall be that which is appropriate to meter the customer's Power requirements under the otherwise applicable rate schedule.
- B Metering equipment for Customers taking retail access service shall be furnished, installed, read, maintained and owned by DTE Electric.
- C Customers who desire to expand *L*oad at their facility, where expand means to connect new *L*oad through an existing meter, but are not eligible to expand the retail access service *L*oad at their facility above the Cap on Choice Participation in accordance with the procedures adopted by the MPSC in Case No. U-15801 on September 29, 2009, must install separate metering, at their expense, in order to measure and bill the Full Service portion of their facility *L*oad. The separate metering requirement will be waived if the installation of separate metering is impractical. Under this waiver, both retail access and Full Service *L*oads will be estimated based on the metered *L*oad of the facility.

### E2.5.2 Multiple Meters at Non-Residential Locations

- A Existing groupings of multiple meters into accounts at a location will be maintained in setting up new retail access accounts.
- B When multiple Advanced Electric Meters are used within a single voltage level, Maximum Demand at that voltage level will be established by the highest coincident demand recorded for those meters.

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Issued December 21, 2020 C. Serna Vice President Regulatory Affairs

Michigan Public Service Commission January 4, 2021 Filed by: DW Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

(Continued from Sheet No. E-6.00)

#### RETAIL ACCESS SERVICE RIDER - RIDER EC2 (Contd.)

### E2 TERMS AND CONDITIONS OF SERVICE (Contd.) E2.5.3 Multiple Meters at Residential Locations

Existing groupings of multiple meters into accounts at a location will be maintained in setting up new retail access accounts.

#### E2.6 Meter Reading

A All Customers with Advanced Electric Meters shall have meter reading accomplished through a secure communication network *and all Customers with AMI meters shall have meter reading accomplished through a secure radio frequency* to provide DTE Electric the metering data necessary to bill the customer and conform to required metering accuracy. Regardless of meter type, DTE Electric shall provide the Alternative Electric Supplier and the Customer with reasonable access to timely, accurate, and complete meter data necessary for delivery, settlement, and billing of energy and electricity services in usable computer form and equivalent to DTE Electric's ability to access such data, and without unreasonable delay, once the Customer is enrolled, without any further documentation or permission from the Customer.

DTE Electric shall inform the Alternative Electric Supplier and the Customer of any corrections made under *Section* E2.7 and shall provide such corrections at the same time that DTE corrects its own meter data.

Prior to a Customer being enrolled and with the Customer's permission, which may be either in writing or in electronic form, *and* upon the Customer's request, DTE Electric shall provide the Alternative Electric Supplier and Customer with reasonable access to accurate and complete historical meter data, or shall provide the requested data itself, in usable computer form equivalent to DTE's ability to access such data and without unreasonable delay.

B The switch of a Customer's account from one supplier to another will normally take place on the scheduled meter reading date for that Customer (the Effective Date) and be based on the reading made that same day. If an actual meter reading is not made on the Effective Date, DTE Electric will read the meter within five (5) business days of the date in which DTE Electric determines that the scheduled actual meter reading has not occurred. The meter reading on the Effective Date will be determined on a *pro-rated* basis based on the actual meter reading. DTE Electric's failure to read meters in the time frames noted, through no fault of the Customer, shall not result in penalties of any type to the Customer. Except for actions outside the scope of DTE Electric's control and storms or other events or occurrences that render the reading of meters physically impossible, customer's bills for DTE Electric distribution services will be reduced by 1/30 for each day DTE Electric meter reads are late past a three-day grace period.

#### E2.7 Meter Errors

Billing where metering errors and malfunctions have taken place shall be performed as follows:

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Issued December 21, 2020 C. Serna Vice President Regulatory Affairs Michigan Public Service Commission January 4, 2021 Filed by: DW Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

(Continued from Sheet No. E-7.00)

### RETAIL ACCESS SERVICE RIDER - RIDER EC2 (Contd.)

#### E2.7 Meter Errors (*Contd.*)

- A For Customers without Advanced Electric Meters where metered data is not available due to metering errors, malfunctions, or otherwise, the usage will be estimated using the procedures pursuant to *Billing for Service, see* Section C4.5 (B) and (C).
- B For Customers with Advanced Electric Meters where metered data is not available due to metering errors, malfunctions, or otherwise, the usage will be estimated using the available historical data for the Customer.
- C Where incorrect billing results from calculation error discovered by either DTE Electric, the Alternative Electric Supplier, or the Customer, the error will be corrected and revised bills for the Customer and the Alternative Electric Supplier will be calculated and settled on the next billing period after the error is discovered. Billing errors discovered by DTE Electric shall be adjusted as provided for in the *Consumer Standards and Billing Practices for Electric and Natural Gas Service, see Section B2.*
- D Liability for meter or calculation errors or malfunctions shall be assigned or apportioned to the appropriate party based on fault.

#### E3 CHARACTER OF SERVICE

**E3.1** DTE Electric furnishes alternating current service at a nominal frequency of 60 hertz 24 hours a day, subject to interruption by tariff, by agreement, by advance notice, by accident or by other causes not under the reasonable control of DTE Electric.

**E3.2** For Single-Phase Distribution Service, DTE Electric provides service at differing voltages available in differing configurations within its service territory. These include, but are not limited to, single-phase secondary alternating current service at 120/240 volts. In some districts current is supplied from a Y-connected secondary network at 208Y/120 volts. Customers who are considering locating new load or who are considering adding load at an existing Location should contact DTE Electric to determine what service is available at a particular Location to serve their Load.

**E3.3** For Three-Phase Distribution Service, DTE Electric provides service at differing voltages available in differing configurations within its service territory. These include, but are not limited to, alternating current, three-phase service at nominal 4,800, 13,200, 24,000, 41,570 or 120,000 volts which may be transformed to lower voltages through DTE Electric-owned transformation equipment. Where three-phase service is supplied at 480Y/277 volts through DTE Electric-owned transformation equipment, the Customer must furnish any transformation for the supply of its 120/240 volt requirements. Customers who are considering locating new load or who are considering adding load at an existing Location should contact DTE Electric to determine what service is available at a particular Location to serve their Load.

(Continued on Sheet No. E-9.00)

Issued December 21, 2020 C. Serna Vice President Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission January 4, 2021 Filed by: DW Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895 (Continued from Sheet No. E-8.00)

#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E4. TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE E4.1 Term

#### E4.1.1. Retail Access Service For Non-Residential Customers

Retail Access Service shall have a minimum term of two years subject to the provisions of Section E4.3. Upon completion of the initial term, RetailAccess Service shall continue on a month to month basis until terminated by the Alternative Electric Supplier, the Customer or DTE Electric.

The Alternative Electric Supplier may request Retail Access Service on behalf of a Customer by submitting an electronic enrollment request to DTE Electric.

The in-service date for Retail Access Service shall be determined as follows:

a. If a Retail Access Service enrollment request is received three (3) or more days prior to the next billing cycle start date, then the in-service date for Retail Access Service shall be the next billing cycle start date after the awarding of an Energy Allotment in accordance with the procedures adopted by the MPSC in Case No. U- 15801 on April 20, 2017.

b. If a Retail Access Service enrollment request is received less than three (3) days prior to the next billing cycle start date and an Energy Allotment has been awarded in accordance with the procedures adopted by the MPSC in Case No. U-15801 on April 20, 2017, then the in-service date for Retail Access Service shall be the billing cycle start date immediately following the next billing cycle start date.

c. If a Retail Access Service enrollment request is received but an Energy Allotment is not awarded and the Customer is placed in the Enrollment Queue in accordance with the procedures adopted by the MPSC in Case No. U-15801 on April 20, 2017, then the in-service date shall be the next billing cycle start date after a future awarding of an Energy Allotment.

The Alternative Electric Supplier may terminate Retail Access Service by submitting an electronic drop request to DTE Electric.

The Customer may initiate termination of Retail Access Service by notifying their Alternative Electric Supplier, by notifying DTE Electric in writing, or by contacting the Electric Choice Customer Center.

The termination effective date for Retail Access Service shall be the next billing cycle start date, provided the Retail Access Service termination request was received no less than three (3) business days prior to the next billing cycle start date.

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Michigan Public Service	
Commission	_
January 3, 2023	
Filed by: DW	

Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E4 TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE (Contd.) E4.1 E4.1.1. Retail Access Service For Non-Residential Customers (contd.)

If an Alternative Electric Supplier defaults, a Customer may elect to change its Alternative Electric Supplier or return to full service for 12 months within 60 days of the default and pay tariff rates as provided for in Section E4.3. All other customers who fail to give less than 60 days notice are subject to DTE Electric's ability to supply their requirements.

The terms of service associated with any previously contracted or newly initiated service are specified below:

Retail access service provided to new locations served by DTE Electric shall be for an initial minimum term of five years over which time the minimum charges shall apply. Contributions in Aid of Construction for distribution facilities will be per tariff rate.

Service provided to existing locations shall be for the unexpired portion of any existing contract but not less than a term of one year over which time the minimum charges shall apply.

After the expiration of the contract minimum term for Retail Access Service, the contract shall be extended thereafter, from month-to-month.

Minimum charges shall be adjusted each year to recognize actual demand.

Beginning June 1, 2018 all Retail Access Service customers may be subject to a State Reliability Mechanism Capacity Charge. This charge shall not apply to Retail Access Service customers for any planning year in which their Alternative Electric Supplier can demonstrate to the Commission that it can meet its capacity obligations.

A State Reliability Mechanism Capacity Charge is required to be paid in the planning year beginning June 1, 2018, or any of the three subsequent planning years, when the Alternative Electric Supplier does not meet its capacity obligations. The State Reliability Mechanism Capacity Charge is applicable for each of those planning years. Any State Reliability Mechanism Capacity Charge required to be paid any time after the first initial four-year period shall be applicable for a single year. The planning year is defined as being June 1 through the following May 31 of each year. The State Reliability Mechanism Capacity Charge paid by Retail Access Service customers will be the same amount as a Full Service Customer.

E4.1.2 Retail Access Service For Residential Customers

A Retail Access residential Customer shall commence Retail Access residential service in accordance with their billing cycle and shall be required to remain on Retail Access Service for a minimum of one full billing cycle. Upon notice of termination of Retail Access Service as specified in Section E4.1.1, a Retail Access Customer taking Retail Access residential service may return to Company Full Service in accordance with their next bill cycle. A Retail Access Customer who

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs



Effective for service rendered on and after November 25, 2022

Filed by: DW

Detroit, Michigan

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

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#### RETAIL ACCESS SERVICE RIDER - RIDER EC2 (Contd.)

#### E4 TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE (Contd.)

- E4.1 E4.1.1. Retail Access Service For Non-Residential Customers (contd.)
  - **E4.1.2** Retail Access Service For Residential Customers (contd.)

returns to Company Full Service must remain on Company Full Service for a minimum of one year from the date of their return to Company Full Service.

Beginning June 1, 2018 all Retail Access Service customers may be subject to a State Reliability Mechanism Capacity Charge. This charge shall not apply to Retail Access Service customers for any planning year in which their Alternative Electric Supplier can demonstrate to the Commission that it can meet its capacity obligations.

A State Reliability Mechanism Capacity Charge is required to be paid in the planning year beginning June 1, 2018, or any of the three subsequent planning years, when the Alternative Electric Supplier does not meet its capacity obligations. The State Reliability Mechanism Capacity Charge is applicable for each of those planning years. Any State Reliability Mechanism Capacity Charge required to be paid any time after the first initial four-year period shall be applicable for a single year. The planning year is defined as being June 1 through the following May 31 of each year. The State Reliability Mechanism Capacity Charge paid by Retail Access Service customers will be the same amount as a Full Service Customer.

#### **E4.2** Commencement of Service

- **E4.2.1** Retail access service shall be initiated by a Customer choosing an Alternative Electric Supplier and the subsequent submission of an electronic enrollment by the Alternative Electric Supplier on behalf of the Customer in a manner specified by DTE Electric. Alternative Electric Supplier submission of the enrollment warrants that a valid contract with the prospective Customer exists. DTE Electric shall be required to complete all *Retail Access* enrollment activities required of it to get the enrollment to "site-ready" status within the timeframes specified in Section E2.4.
- **E4.2.2** Retail access service may not commence until metering has been installed as specified in this Rider or agreements related thereto and:

In addition, DTE Electric must have received from the Alternative Electric Supplier:

- (i) the Alternative Electric Supplier's warranty, that the Alternative Electric Supplier has obtained all necessary approvals authorizing the Alternative Electric Supplier to conduct business at each Location to be served, and
- (ii) the Alternative Electric Supplier's warranty, that each enrollment submitted is in full compliance with requirements for enrollment and is backed by proper authorization from the Customer allowing the Alternative Electric Supplier to enroll the Customer in retail access.

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Detroit, Michigan

Michigan Public Service Commission January 3, 2023 Filed by: DW

Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836 (Continued from Sheet No. E-11.00)

#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E4.3 Return to Full Service

A In addition to the notice of termination provided in Section E4.1, a Customer shall provide DTE Electric with written notice no later than December 1st if the Customer will be taking full service from DTE Electric during the following summer. For this purpose, "summer" means DTE Electric regularly scheduled billing periods beginning June 1st through September 30th. Customers who so notify DTE Electric shall be obligated to take full service from DTE Electric for twelve months and pay for such service at any tariff rate for which the customer qualifies.

If a Customer does not provide DTE Electric with written notice prior to December 1st and then takes full service from DTE Electric during the following summer, the Customer shall pay DTE Electric the higher of (a) the applicable tariff energy prices plus 10% or (b) the Market Priced Power charges plus 10% until such time as the minimum two year commitment to retail access service has been met and the December 1<sup>st</sup> written notice requirement has been met.BSubject to the notice provisions of Section E4.3A, Customers that discontinue retail access service may return to DTE Electric Full Service under the following conditions:

(i) Option 1 -- 12 Month Service Commitment

If the Customer commits to DTE Electric Full Service for a minimum of 12 months, then the Customer may take service under any tariff rate for which the Customer qualifies. Any returning Customer that commits to remain on full service for the subsequent 12 months and then fails to do so will be back billed for the higher of the tariff rate or market-based rate.

(ii) Option 2 -- Short-Term Service

If the Customer chooses not to commit to DTE Electric Full Service for a minimum of 12 months, then the Customer may take service under any tariff rate for which the Customer qualifies, with the tariff rate modified as follows:

The Power Supply Cost Recovery component, both base and adjustment factor, in any and all energy prices of the tariff, shall be subtracted from the energy prices and the Market Priced Power charge shall be added to the energy prices. The Market Priced Power charge shall reflect the current market value of energy, shall be based on visible indexes of electricity market prices plus reasonable charges for transmission and losses, and shall be calculated according to methods approved by the Commission. The Customer shall be billed the higher of the applicable tariff energy prices or the Market Priced Power charge.

The Customer may at any time return to retail access service or agree to take DTE Electric Full Service for a minimum of 12 months.

(iii) Unless otherwise provided for and subject to other conditions in this Rider, a Customer may return to DTE Electric Full Service under the provisions of Section E4.3 and subsequently go back to retail access service no more than once in any month.

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs Michigan Public Service Commission January 3, 2023 Filed by: DW Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

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# **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

### E5 Billing and Payment

**E5.1** DTE Electric will bill the Customer for retail access service at the rates and charges outlined in Section E7.

**E5.2** The Customer shall pay DTE Electric the amount billed on or before a due date established by the Consumer Standards and Billing Practices for Electric and Natural Gas Service, see Section B2. A late payment charge of 2%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent and not in dispute.

**E5.3** The Customer shall retain the right to direct DTE Electric to send the monthly bill to any third party, including the Alternative Electric Supplier.

#### **E5.4** Disconnection for Non-Payment

Customers will be subject to disconnection for non-payment of DTE Electric distribution charges that are not in dispute, in accordance with the Consumer Standards and Billing Practices for Electric and Natural Gas Service, Section B2.

### E6 DISTRIBUTION CONTRACT CAPACITY

**E6.1** All Customers requiring an Advanced Electric Meter shall contract for an amount of capacity sufficient to meet the maximum requirements of all Load connected to the DTE Electric Distribution System at the Customer's Location. The Distribution Contract Capacity will initially be set at the greater of: 1) the previously established Contract Capacity; 2) the previously established Distribution Contract Capacity; 3) the highest 30-minute integrated demand created during the previous 12 billing months at each voltage level (whether the Customer received service under this Rider or a DTE Electric retail tariff or contract), for each Location. Any single 30-minute integrated reading of the Advanced Electric Meter in any month that exceeds the Distribution Contract Capacity then in effect shall become the new Distribution Contract Capacity. Customers not having previously established service requirements shall contract with DTE Electric for a specified Distribution Contract Capacity in kW sufficient to meet the maximum requirements for each Location.

**E6.2** DTE Electric will provide the necessary facilities to deliver electric Power from its Distribution System at the Distribution Contract Capacity. Any incremental cost incurred by DTE Electric to provide the necessary facilities to meet the Customer's increased demand for distribution services over the Distribution Contract Capacity existing when service commences under this Rider shall be the responsibility of the Customer. Once established, the Distribution Contract Capacity shall not decrease during the contract term unless there is a specific permanent reduction in connected load.

### E7 RATES AND CHARGES

Rates and charges for delivery are stated in the customer's applicable tariff.

# E7.1 Optional Advanced Electric Metered Service

The Optional Advanced Electric Metered Service is no longer available.

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Detroit, Michigan



Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836 (Continued from Sheet No. E-13.00)

### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E8 OTHER PROVISIONS

**E8.1** Retail Access Customers will be subject to the relevant curtailment procedure contained in DTE Electric's Emergency Electrical Procedures, see Section C3. DTE Electric shall give Retail Access Customers the same priorities in curtailment situations as it gives Full Service Customers.

**E8.2** All electric generation equipment connected in parallel with the DTE Electric system must comply with the DTE Electric Protective Relaying, Operating and Telemetering Guidelines for Independently Owned Generation and before operating such equipment must obtain certification, in writing, from DTE Electric that the conditions outlined in the guidelines have been met.

**E8.3** Customer equipment must be operated so that voltage flicker and harmonics on the DTE Electric Distribution System shall not exceed permissible limits established by DTE Electric and by IEEE Standard 519, respectively. Failure to comply with this requirement may result in discontinuance of service to the Customer and disconnection of Customer's Load from the DTE Electric system.

**E8.4** Redundant services requested by the Customer may be provided under separate agreement.

**E8.5** DTE Electric's Rules and Regulations as currently in effect are incorporated by reference into this Rider to the extent applicable and, Rule C-2.2(2) notwithstanding, only to the extent not inconsistent with the terms of this Rider.

# ALTERNATIVE ELECTRIC SUPPLIER SECTION

### E9 ALTERNATIVE ELECTRIC SUPPLIER

**E9.1** This Rider section outlines the rights and responsibilities of Alternative Electric suppliers and DTE Electric when enrolling and serving Customers under retail access service. The Alternative Electric Supplier is the retail seller of Power Supply Service or Energy Service to the Customer on DTE Electric's Distribution System.

**E9.2** If an Alternative Electric Supplier or Marketer fails to pay amounts due DTE Electric or otherwise fails to perform obligations undertaken in connection with service to a Customer, DTE Electric will give the Customer notice of the Alternative Electric Supplier's or Marketer's default. If the Customer, its Alternative Electric Supplier, or its Marketer fails to pay amounts due DTE Electric or otherwise fails to comply with the provisions of the applicable Tariffs or agreements with DTE Electric, retail access service may be terminated. Unless the Customer, Alternative Electric Supplier or Marketer cures the default with DTE Electric or the Customer changes its Alternative Electric Supplier, the Customer may be returned to DTE Electric Full Service subject to the provisions of Section E4.1.

**E9.3** The Alternative Electric Supplier is responsible for all of the Alternative Electric Supplier charges associated with its Customers until retail access service is terminated.

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Detroit, Michigan

Michigan Public Service
Commission
January 3, 2023
Filed by: DW

Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836 (Continued from Sheet No. E-14.00)

#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### ALTERNATIVE ELECTRIC SUPPLIER SECTION(Contd.)

#### E9 ALTERNATIVE ELECTRIC SUPPLIER (Contd.)

**E9.4** Termination of retail access service to a Customer can be initiated by the Alternative Electric Supplier, the Customer or DTE Electric. Alternative Electric Suppliers and DTE Electric shall comply with the Consumer Standards and Billing Practices for Electric and Natural Gas Service, see Section B2, that govern the shut off of service except that instead of providing a notice of termination, Alternative Electric Suppliers shall provide a notice of return to full service.

#### E10 CREDITWORTHINESS

There is no creditworthiness requirement for Alternative Electric Suppliers unless the Alternative Electric Supplier is purchasing products or services from DTE Electric. Alternative Electric Suppliers who purchase products or services from DTE Electric must demonstrate and maintain current creditworthiness in an amount sufficient to cover anticipated charges for all those products or services. For unsecured credit, the Alternative Electric Supplier must provide three (3) years of audited financial statements, including notes, having an acceptable amount of positive tangible net worth, and meeting risk parameters derived from an analysis of its financial statements. The Alternative Electric Supplier may provide alternative security or credit enhancement, such as a letter of guarantee, letter of credit or prepayment. DTE Electric Supplier's financial statements, verification that the Alternative Electric Supplier is not operating under state or federal bankruptcy laws, and has no pending lawsuits or regulatory proceedings or judgments outstanding which would have a material adverse effect on the Alternative Electric Supplier and its ability to perform its obligations. Affiliates of DTE Electric must meet these same creditworthiness requirements.

The amount of creditworthiness required is equivalent to two months expected exposure.

Following 24 months of full and timely payment to DTE Electric for service provided, an Alternative Electric Supplier shall be deemed to have sufficient credit to satisfy DTE Electric's requirements.

### E11 ELECTRONIC BUSINESS TRANSACTIONS

**E11.1** Unless specified otherwise by DTE Electric in a Commission-approved tariff, Alternative Electric Suppliers shall transact all business with DTE Electric electronically.

**E11.2** Unless otherwise specified by DTE Electric in a Commission-approved tariff, all payments made to DTE Electric by the Alternative Electric Supplier will be made by electronic funds transfer to the DTE Electric account.

#### E12 CONDITIONS PRECEDENT TO CUSTOMER ENROLLMENT

The Alternative Electric Supplier will not be eligible to enroll Customers unless and until the following conditions precedent have been satisfied and continue to be satisfied:

**E12.1** The Alternative Electric Supplier has been granted a license by the Commission.

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Issued December 12, 2022
M. Bruzzano
Senior Vice President
Corporate Strategy & Regulatory Affairs

Michigan Public Service
Commission
January 3, 2023
Filed by: DW

Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E12 CONDITIONS PRECEDENT TO CUSTOMER ENROLLMENT (Contd.)

**E12.2** The Alternative Electric Supplier has demonstrated electronic communication and commerce capability when purchasing products or services from DTE Electric, which meets DTE Electric's standards and protocols as defined in tariffs approved by the Commission.

**E12.3** The Alternative Electric Supplier has an executed contract with a qualified Marketer, as evidenced in an executed Alternative Electric Supplier-Marketer Notice.

**E12.4** The Alternative Electric Supplier has an executed the Alternative Electric Supplier Agreement between the Alternative Electric Supplier and DTE Electric.

E12.5 The Marketer has an executed Marketer agreement between the Marketer and DTE Electric.

#### E13 CONDITIONS PRECEDENT FOR SERVING CUSTOMERS

The Alternative Electric Supplier will not be permitted to serve or continue to serve Customers unless and until the following conditions precedent have been satisfied and maintained:

E13.1 The Alternative Electric Supplier has satisfied and continues to satisfy all conditions in Section *E12*.

E13.2 All required Customer metering equipment is in place and functioning properly.

**E13.3** The Alternative Electric Supplier has complied with and continues to comply with all provisions of this Rider.

#### E14 RATES AND CHARGES

**E14.1** Separate Billing will be completed by the Alternative Electric Supplier and DTE Electric unless the Alternative Electric Supplier is enrolled in the Utility Consolidated Billing option as of December 9, 2020.

**E14.2** If the AES is enrolled in Utility Consolidated Billing as of December 9, 2020, the Alternative Electric Supplier shall pay DTE Electric the following:

- A An Alternative Electric Supplier with the Utility Consolidated Billing option shall pay DTE Electric a monthly transaction charge equal to the United States Postal Service first-class mail letter rate, weight not over one ounce, for each customer account billed under the Utility Consolidated Billing option.
- **B** An Alternative Electric Supplier with the Utility Consolidated Billing option shall pay DTE Electric \$1,300 per occurrence for each change request made by the Alternative Electric Supplier to its rate-ready schedule, regardless of the number of changes in the request or the number of Customers affected.
- C Any other charges to the Alternative Electric Supplier for services provided by DTE Electric will be negotiated on an individual case basis.

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs

Michigan Public Service Commission January 3, 2023 Filed by: DW Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

E14.3 Allocation of Partial Payments Under Utility Consolidated Billing

In the event the Customer submits a partial payment, the receipts will be applied as follows:

- A First, all deposit balances to DTE Electric and DTE Gas Company ("DTE Gas");
- **B** Second, all past due and current balances for regulated services, e.g. electric full service, electric distribution service, natural gas services (including Gas Choice), fees, late payment charges, etc., to DTE Electric and DTE Gas;
- C Third, all past due and current balances for non-regulated services, e.g. appliance service program, to DTE Electric and DTE Gas; and
- **D** Finally, all past due and current charges pertaining to the Utility Consolidated Billing option to the Alternative Electric Supplier.

Partial payments resulting from disputed charges shall be allocated first to undisputed charges in each of the above four categories and then to disputed charges in each of the above four categories.

E14.4 DTE Electric will not pursue collection actions for any Alternative Electric Supplier.

#### E15 DISPUTE RESOLUTION

**E15.1** DTE Electric will have no duty or obligation to resolve any complaints or disputes between or among Alternative Electric Suppliers and Marketers or any combination thereof, related to but not limited to switching Alternative Electric Suppliers, switching Marketers, termination of retail access service, Customer enrollment or Customer billing options.

**E15.2** In the event of a dispute between DTE Electric and an Alternative Electric Supplier, including but not limited to "Events of Default," the Parties may attempt, in good faith, to resolve the dispute amicably and promptly. If the dispute is not resolved in five (5) business days, the Parties may attempt to resolve the dispute by promptly appointing a senior representative of each Party to attempt to mutually agree upon a resolution. The two senior members shall meet within ten (10) business days. If the two senior representatives cannot reach a resolution within a 30-day period, the dispute may, on demand of either Party, be submitted to arbitration as provided in this section.

**E15.3** The dispute will be submitted for resolution in accordance with the American Arbitration Association ("AAA") Commercial Arbitration Rules. The judgment rendered by the arbitrator may be enforced in any court having jurisdiction of the subject matter and the Parties.

E15.4 If the parties are unable to agree on an arbitrator, the arbitrator shall be determined by AAA.

**E15.5** The findings and award of the arbitrator shall be final and conclusive and shall be binding upon the Parties, except as otherwise provided by law. Any award shall specify the manner and extent of the division of the costs between the Parties.

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs Michigan Public Service Commission January 3, 2023 Filed by: DW Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E15 DISPUTE RESOLUTION (Contd.)

**E15.6** Nothing in this Section shall restrict the rights of either Party to file a formal complaint with an appropriate regulatory agency regarding any issue the adjudication of which lies within the exclusive jurisdiction of the regulatory agency.

### E16 CUSTOMER PROTECTION

**E16.1** Alternative Electric Suppliers shall warrant that the Customer has duly authorized the submitted enrollment and the Alternative Electric Supplier has complied with the provisions of 2000 P.A. 141 or any applicable commission rules developed pursuant to 2000 P.A. 141 to prevent slamming.

**E16.2** The maximum early termination fee for residential contracts of one year or less shall not exceed \$50. The maximum early termination fee for residential contracts of longer than one year shall not exceed \$100.

**E16.3** It is the Alternative Electric Suppliers responsibility to have a current valid contract with the customer at all times. Any contract that is not signed by the customer or Legally Authorized Person shall be considered null and void. Only the customer account holder or Legally Authorized Person shall be permitted to sign a contract. An Alternative Electric Supplier and its agent shall make reasonable inquiries to confirm that the individual signing the contract is a Legally Authorized Person. For each customer, an Alternative Electric Supplier must be able to demonstrate that a customer has made a knowing selection of the Alternative Electric Supplier by at least one of the following verification records:

- 1) An original signature from the customer account holder or Legally Authorized Person.
- 2) Independent third party verification with an audio recording of the entire verification call.
- 3) An e-mail address if signed up through the Internet.

The Commission or its Staff may request a reasonable number of records from an Alternative Electric Supplier to verify compliance with this customer verification provision, and in addition, may request records for any customer due to a dispute.

**E16.4** An Alternative Electric Supplier must distribute a confirmation letter to residential customers by U.S. mail. The confirmation letter must be postmarked within seven (7) days of the customer or Legally Authorized Person signing a contract with the Alternative Electric Supplier. The confirmation letter must include the date the letter was sent, the date the contract was signed, the term of the contract with end date, the fixed or variable rate charged, the unconditional cancellation period, any early termination fee, the Alternative Electric Supplier's phone number, the Commission's toll-free number and DTE Electric's emergency contact information.

**E16.5** DTE Electric provides Residential Customers with pending enrollments with an Alternative Electric Supplier, a 14-day notice period in which the Customer may cancel the enrollment before the switch is executed. If the Customer challenges the enrollment the switch transaction is cancelled, the affected

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Issued December 12, 2022 M. Bruzzano Senior Vice President Corporate Strategy & Regulatory Affairs Michigan Public Service Commission January 3, 2023 Filed by: DW Effective for service rendered on and after November 25, 2022

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

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#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E16 CUSTOMER PROTECTION (Contd.)

Alternative Electric Supplier(s) are notified, and the enrolling Alternative Electric Supplier shall be assessed the \$5 switching fee instead of the Customer. If the Customer cancels an enrollment in error, the enrolling Alternative Electric Supplier's remedy is to discuss the situation with the Customer and submit a new enrollment. Commercial and Industrial Retail Access Service Customers' right to cancel an enrollment shall be in accordance with the terms of their contract with their Alternative Electric Supplier(s).

**E16.6** A supplier must allow the Staff of the Commission an opportunity to review and comment on its residential contract(s) and residential marketing material at least five business days before the Supplier intends to use these contract(s) and marketing material in the marketplace.

#### **MARKETER SECTION**

#### E17 REAL POWER LOSSES

The Marketer used by the Alternative Electric Supplier is responsible for replacing losses associated with the delivery of Power to the Customer's meter. The amount of Power delivered by DTE Electric on the DTE Electric Distribution System to the Customer's meter shall be adjusted using the following real power loss factors for distribution service:

			Month										
	Losses (%)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
в	120kV and	1.67	1.65	1.51	1.58	1.48	1.62	1.58	1.49	1.46	1.58	1.58	1.52
ag	above												
Voltage	24/40 kV	3.94	<i>3.93</i>	3.67	3.55	3.52	3.75	3.80	3.73	3.61	3.72	3.73	3.71
1	4.8/13.2 kV	5.68	5.61	5.14	5.16	4.99	5.67	6.14	5.89	5.30	5.15	5.37	5.45
	Secondary (<4.8kV)	9.47	9.32	8.76	8.55	8.32	9.98	10.30	10.52	9.14	8.49	9.03	9.08

Marketers must schedule and supply an amount of Power equal to its Customers' hourly usage  $\div$  (1 - D%) to account for losses on the DTE Electric Distribution System, where D% is the applicable loss factor from the table above.

#### E18 HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT

#### E18.1 Meter Data Management Agent

At the option of the Marketer, DTE Electric will act as their Meter Data Management Agent (MDMA) for their customer loads within DTE Electric's service area. The Marketer is under no obligation to take this service from DTE Electric.

If the Marketer takes MDMA service from DTE Electric, then DTE Electric shall provide the Marketer with the same data it reports to MISO at the same time it reports such data to MISO and in usable computer form. If DTE subsequently corrects the data it reports to MISO, then DTE Electric shall provide the corrected data to the Marketer at the same time and shall identify which data, including hourly meter readings, are being corrected.

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Issued December 12, 2022
M. Bruzzano
Senior Vice President
Corporate Strategy & Regulatory Affairs



Effective for service rendered on and after January 1, 2023

Issued under authority of the Michigan Public Service Commission dated November 18, 2022 in Case No. U-20836

(Continued from Sheet No. E-19.00)

#### **RETAIL ACCESS SERVICE RIDER – RIDER EC2** (Contd.)

#### E18 HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT (contd.)

# E18.2 Hourly Usage Data for Customers With Advanced Electric or AMI Meter Reads or Other Metering with Available Hourly Integrated Data

Hourly usage will be the customer's actual measured usage for each hour increment as recorded by the Advanced Electric or AMI meter or other meter.

# E18.3 Hourly Usage Data for Customers Without Advanced Electric or AMI Meter Reads or Other Metering with Available Hourly Integrated Data

Hourly usage data for customers without Advanced Electric or AMI meter reads or other metering with available hourly *integrated data will* be determined in the same manner as for full service customers without such metering, including through the use of CPNode profiles. For each CPNode, profiles are developed based on 12 months of historical hourly usage and temperature data to determine the load in kWh for every MW of enrolled capacity.

Residential customers electing to opt out of AMI metering installation and without other metering with available hourly *integrated* data will have hourly usage data determined in the same manner as for full service residential customers without such metering, including profiled data used for MISO energy market settlement.

Issued December 21, 2020 C. Serna Vice President Regulatory Affairs Michigan Public Service Commission January 4, 2021 Filed by: DW

Effective for service rendered on and after January 8, 2021

Issued under authority of the Michigan Public Service Commission dated December 9, 2020 in Case No. U-20895

Third Revised Sheet No. E-22.00 Cancels Second Revised Sheet No. E-22.00

HOLD FOR FUTURE USE

Issued March 6, 2017 D. M. Stanczak Vice President Regulatory Affairs

Michigan Public Service Commission March 6, 2017 Effective for service rendered on and after April 3, 2017

Issued under authority of the Michigan Public Service Commission dated February 10, 2017 in Case No. U-18192

# HOLD FOR FUTURE USE

Issued January 8, 2016 D. M. Stanczak Vice President Regulatory Affairs

Detroit, Michigan



Effective for service rendered on and after December 17, 2015

Issued under authority of the Michigan Public Service Commission dated December 11, 2015 in Case No. U-17767

# SECTION F

# STANDARD CUSTOMER FORMS INDEX

**STANDARD FORMS F-1.00** 

https://www.newlook.dteenergy.com/wps/wcm/connect/dte-web/home/service-request/business/pricing/electric-pricing-business

Issued December 6, 2017 D. M. Stanczak Regulatory Affairs

Michigan Public Service Commission December 7, 2017 Filed Effective for service rendered on and after October 31, 2017

Issued under authority of the Michigan Public Service Commission dated October 9, 2007 in Case No. U-15152