



DTE Energy®

Residential Energy Waste Reduction

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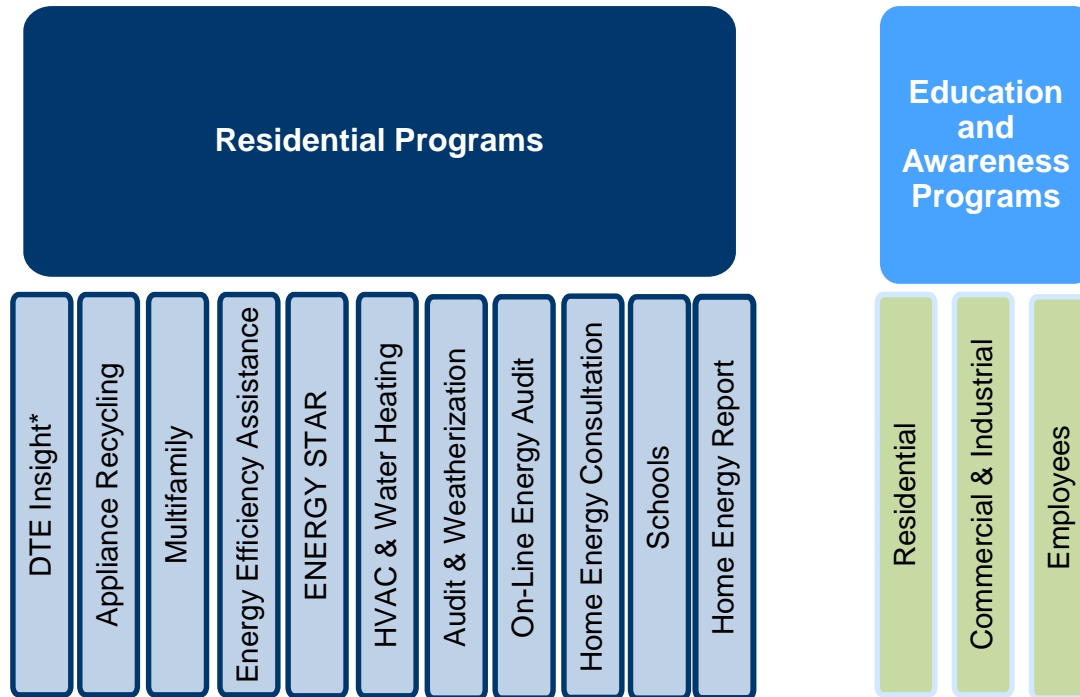


- **DTE Energy
Energy Waste Reduction (EWR)
Overview**
- **2016 Results**
- **2016 Special Initiatives**
- **2016 Accomplishments**
- **Take Action**

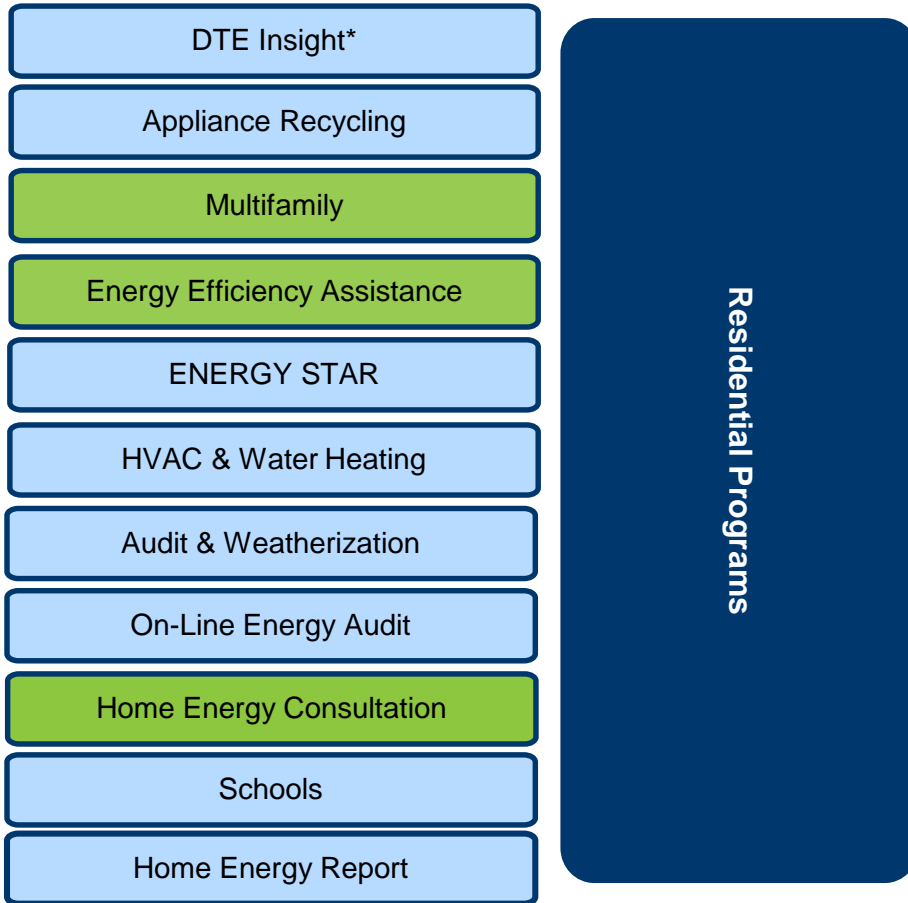
DTE Energy EWR Overview



EO programs promote informed decisions making by providing, information on energy saving products, services, tools, rebates and strategies



Residential EWR Program Overview



- **Multifamily Program**

- Free product installations in apartment buildings that include LED, pipe wrap, water flow limiters, thermostats, nightlights

- **Energy Efficiency Assistance**

- Low income program delivered through Community Action Agencies and food banks providing free Weatherization, lighting, refrigerator replacement, furnace/boiler tune-up

- **Home Energy Consultation Program**

- Single family installation of LED, pipe wrap, water flow limiters, thermostats, nightlights

2016 Multifamily Program Results



Direct Install

Program Savings		Program Spend	
MWH	MCF	Electric	Natural Gas
1,792	26,097	\$443,268	\$177,419

- 13,874 units
- 53,460 LEDs
- 36,965 water flow limiters
- 3,149 linear feet pipe wrap

Direct Install Low Income

Program Savings		Program Spend	
MWH	MCF	Electric	Natural Gas
394	7,618	\$115,277	\$66,621

- 4,382 units
- 10,880 LEDs
- 6,881 water flow limiters
- 1,128 linear feet pipe wrap

Direct Install DTE/CE Collaborative

Program Savings		Program Spend	
MWH	MCF	Electric	Natural Gas
800	3600	\$236,760	\$88,520

- 5,905 units, 24 Properties
- 28,240 LEDs
- 3,840 water flow limiters
- 1840 linear feet pipe wrap

2016 Residential EWR Low Income Results



Energy Efficiency Assistance (EEA)

Program Savings		Program Spend	
MWH	MCF	Electric	Natural Gas
10,254	73,465	\$3,239,364	\$4,094,213

- Weatherization: 2,099 projects
- Test & Tune: 2,390 projects
- Refrigerator: 2,351 projects
- Lighting: 21,290 CFLs; 105,460 LEDs



2016 Residential EWR HEC Results



Home Energy Consultation

Program Savings		Program Spend	
MWH	MCF	Electric	Natural Gas
7,009	94,296	\$2,062,164	\$1,629,881

- 217,047 LEDs installed
- 38,475 water flow limiters installed
- 99,247 feet of pipe wrap installed
- 8,778 thermostats installed
- 19,716 nightlights installed

Home Energy Consultation Low Income

Program Savings		Program Spend	
MWH	MCF	Electric	Natural Gas
2,532	34,778	\$706,361	\$361,369

- 77,248 LEDs installed
- 16,397 water flow limiters installed
- 37,825 feet of pipe wrap installed
- 3,258 thermostats installed
- 7,937 nightlights installed



Residential EWR Program Special Initiatives



(NEED) Neighborhood Energy Efficiency Day

- 125 homes with 20 weatherizations to drive community impact
- Communities served in Grand Rapids and Detroit

Faith-Based

Cody Rouge Neighborhood - Detroit

- 1,091 homes served over a six week time frame
- 600 thermostats installed

O'Shea


- 100 homes served

Residential EWR Program Special Initiatives



Deaf Customer Outreach:

The use of [Video Remote Interpretation software](#) to drive services to our Deaf customers.

 **DTE Energy**
Know Your Own Power™

SCHEDULE YOUR APPOINTMENT TODAY!
Please provide your contact information.

Name:	
Address:	
City:	ZIP Code:
Email:	
Telephone:	Cell Phone:
Would you like to receive an appointment reminder via text? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Do you need a Video Remote Interpreter (VRI)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
What day and time is best for us to visit your home?	
<input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday <input type="checkbox"/> Thursday <input type="checkbox"/> Friday	
<input type="checkbox"/> 8 a.m. - Noon <input type="checkbox"/> 1 p.m. - 5 p.m.	

For Administrative Use Only:

Event Date:	
Event Location:	
Date Contacted:	Date Scheduled:

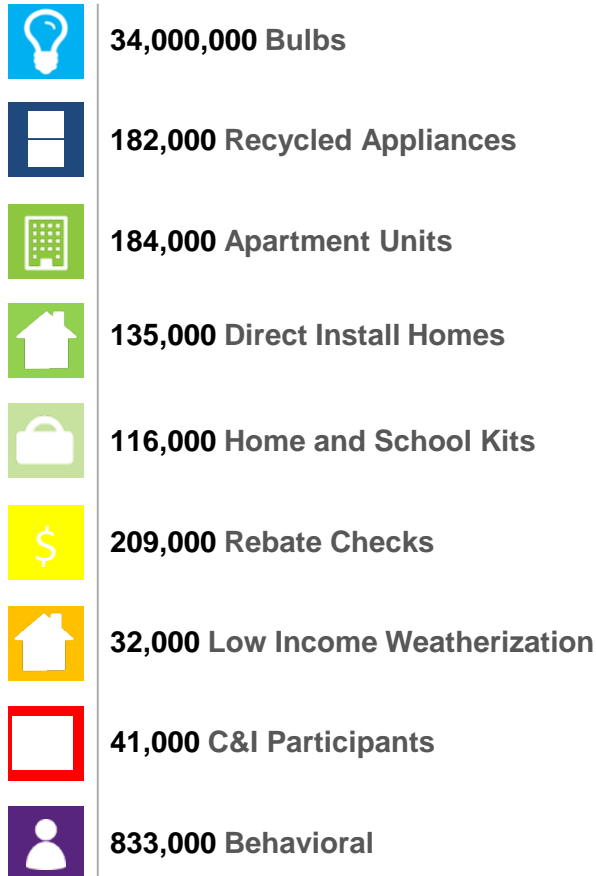


Program Accomplishments

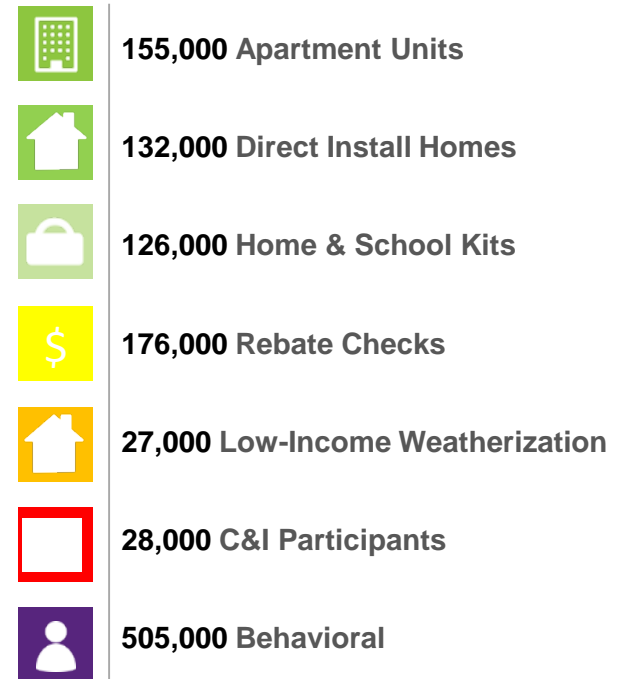
Customer Benefits



DTE Electric Participation



DTE Natural Gas Participation



Program Accomplishments

Environmental Benefits



- More than 2.4 million electric and 1.6 million natural gas customers have directly participated in DTE's energy efficiency program offerings
- The electric savings are equivalent to the energy required to power all the homes in cities similar in size to Lansing or Ann Arbor, Michigan for over eleven years.
- The natural gas savings are equivalent to the energy required to heat the same number of homes in cities similar in size to Lansing or Ann Arbor, Michigan for almost two years.
- Over a **95% satisfaction** rating from participating customers

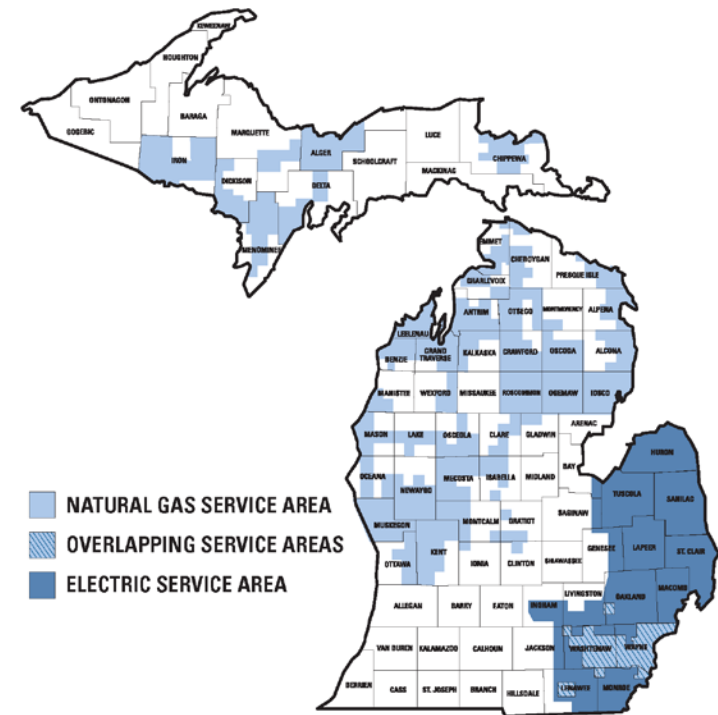
Program Accomplishments

Economic Development



- Through 2016, 258 Michigan-based jobs have been created by contractors through support of DTE's energy efficiency programs.
- Throughout the state of Michigan, more than 2,400 small and medium sized contractors have actively participated with utilities in various energy efficiency programs.
- For every \$1 spent on energy efficiency programs, DTE customers will save more than \$5 in avoided energy costs.
- DTE's investment in energy efficiency programs in 2016 will top \$113 million. Customers participating in EO Programs in 2016 will save **\$583 million** on their energy bills.

DTE ENERGY SERVICE AREAS



Take Action



Home Energy Consultation

- Compare Programs
- Home Energy Consultation**
- Home Energy Survey
- Multifamily Program
- Home Performance
- Insulation & Windows
- Limited Income



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Android smart
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Schedule online at dteenergy.com/hec**

