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H.558, Economic benefits of the energy efficiency charge

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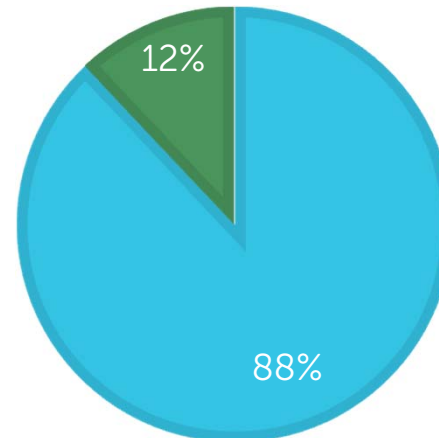


Who we are

- Founded in 2000
- Statewide independent energy efficiency utility
- Administered by VEIC, regulated by the PUC
 - Goals and budgets set by the PUC
- 3-year performance periods



2016 Budget: \$57.3 M



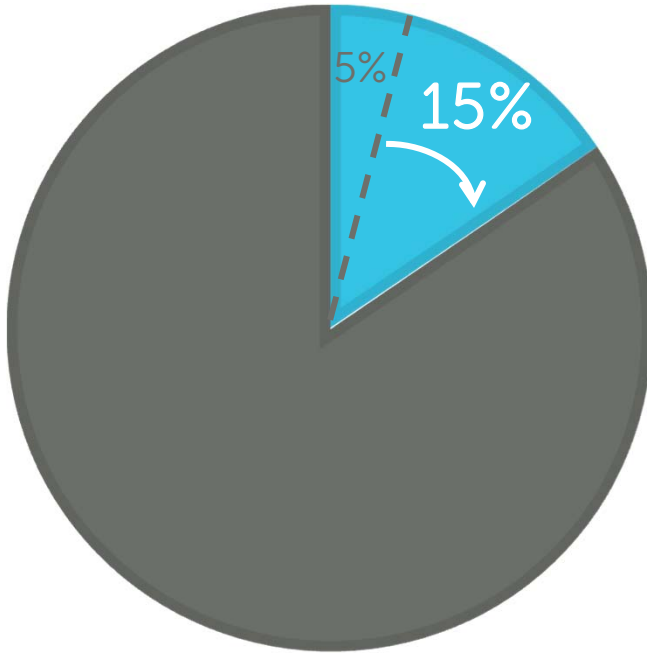
- Electric
- Thermal

What we do

- Bring efficiency to scale through education, services, rebates & financing
- Manage and train Vermont's efficiency workforce
- Account-manage top 300 electric users



Why energy efficiency

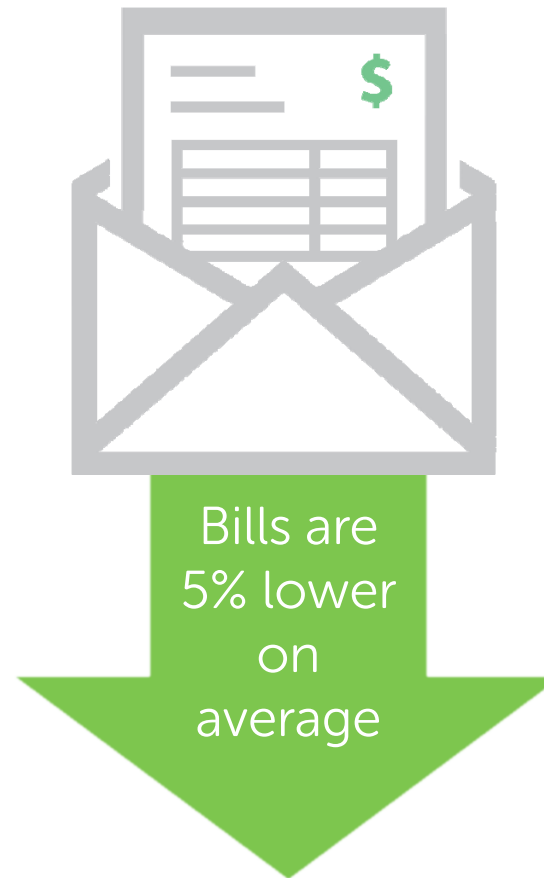
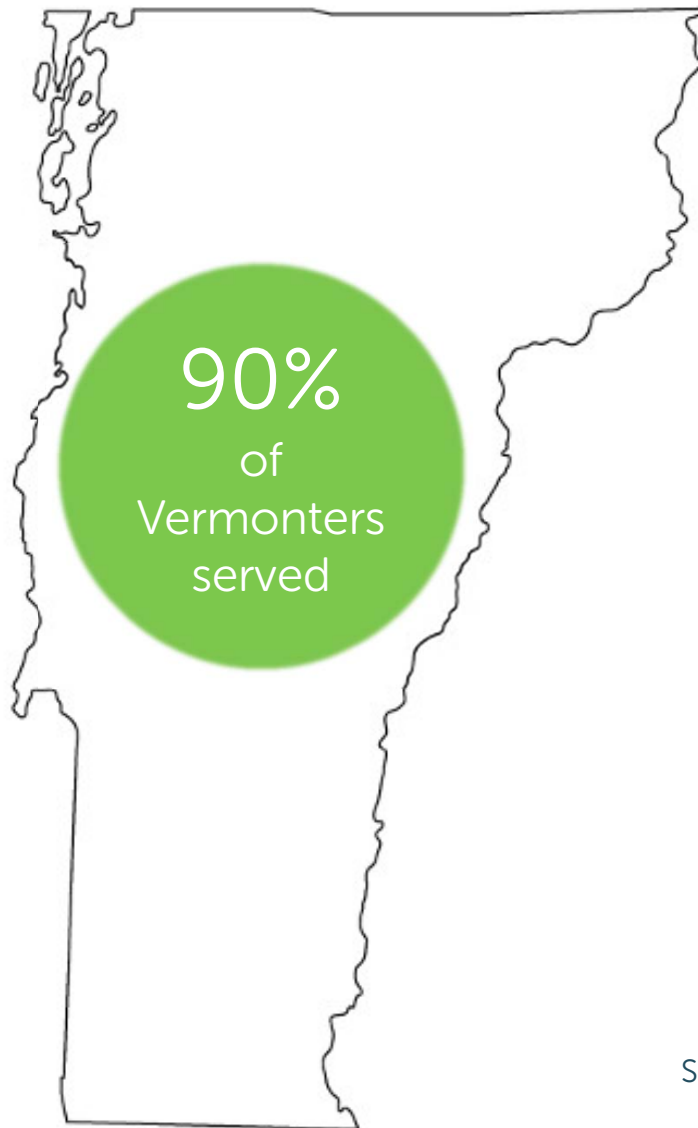


- Makes up 15% of energy mix
- Up from 5% a decade ago
- Supplied at less than half the cost

- Residential electric **rates** are 5th highest
- Residential electric **bills** are 33rd highest

Sources: Efficiency Vermont's 2016 Annual Report.
electricitylocal.com with data from US EIA

Our long-term impact



Source: Public Service Department Report to
Legislative Joint Energy Committee, 2016

Efficiency
Vermont

2016 results



132,826
MWh saved



136,004
MMBtu saved

Avoided pollutants

894,251 tons
Carbon dioxide

425 tons
Nitrogen oxides

939 tons
Sulfur oxides



\$82,500,000

Net lifetime value of
efficiency investments
Vermonters made in 2016



The energy efficiency charge

↓ 5% budget decrease in 2018

Customer Class	2017 EEC Rate Per kWh	2018 EEC Rate Per kWh
Residential	\$0.01400	\$0.01413
Commercial	\$0.01192	\$0.01091
Industrial	\$0.00866	\$0.00770
Commercial (with demand charge)	\$0.00772 per kWh plus \$1.2436/kW	\$0.00707 per kWh plus \$1.1383/kW
Industrial (with demand charge)	\$0.00584 per kWh plus \$1.3875/kW	\$0.00522 per kWh plus \$1.2132/kW
Unmetered Street/Security Lights	\$0.0119/kWh	\$0.0109/kWh

Total resource benefit



Electric savings

+



Fossil fuel savings

+



Water savings

2018-2020 lifetime savings target:

\$318,107,900

What's embedded in the price of electricity?

- Generation
- Purchases
- Distribution
- Transmission
- Profit
- Admin costs

Thank you

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