

JANUARY 15th, 2020

Act 62 Discussion

REBECCA FOSTER, DIRECTOR



Agenda

Efficiency Vermont Overview

- Energy Burden Report

Act 62 Summary

- Weatherization Update
- Summary of Comments on PUC Study

Looking Forward





Efficiency Vermont

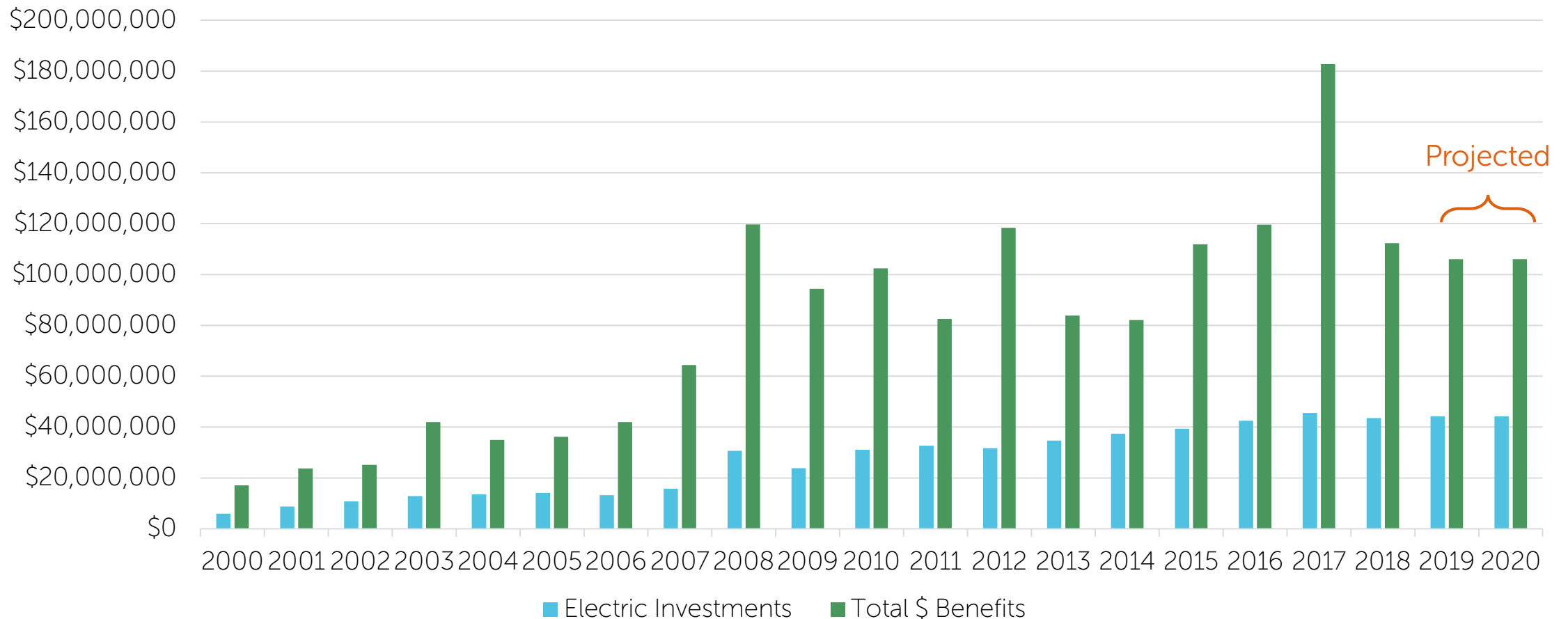
- Statewide infrastructure
- Market transformation
- Network of partners

Results

- \$2.4 billion in energy cost savings
- 11 million metric tons of CO₂e
- Robust efficiency workforce

Electric Investments and Savings

The investments Vermonters have made through 2018 will generate over \$2.4 billion in energy savings, using \$658 million in ratepayer funds.



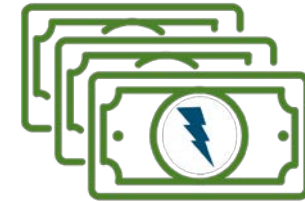
The Economic Value of Efficiency

Efficiency comprises **16%** of VT's electric portfolio,
delivered at less than half the cost of purchasing new power.



16.2%

Percentage of Vermont's 2018
electric needs met by efficiency



3.8¢/kWh
Cost of saving electricity
with efficiency

VS

9.1¢/kWh
Cost of supplying
electricity



\$14.5/MMBtu
Cost of saving fossil fuel
with efficiency

VS

\$22.2/MMBtu
Cost of supplying
fossil fuel

Vermont's Energy Burden



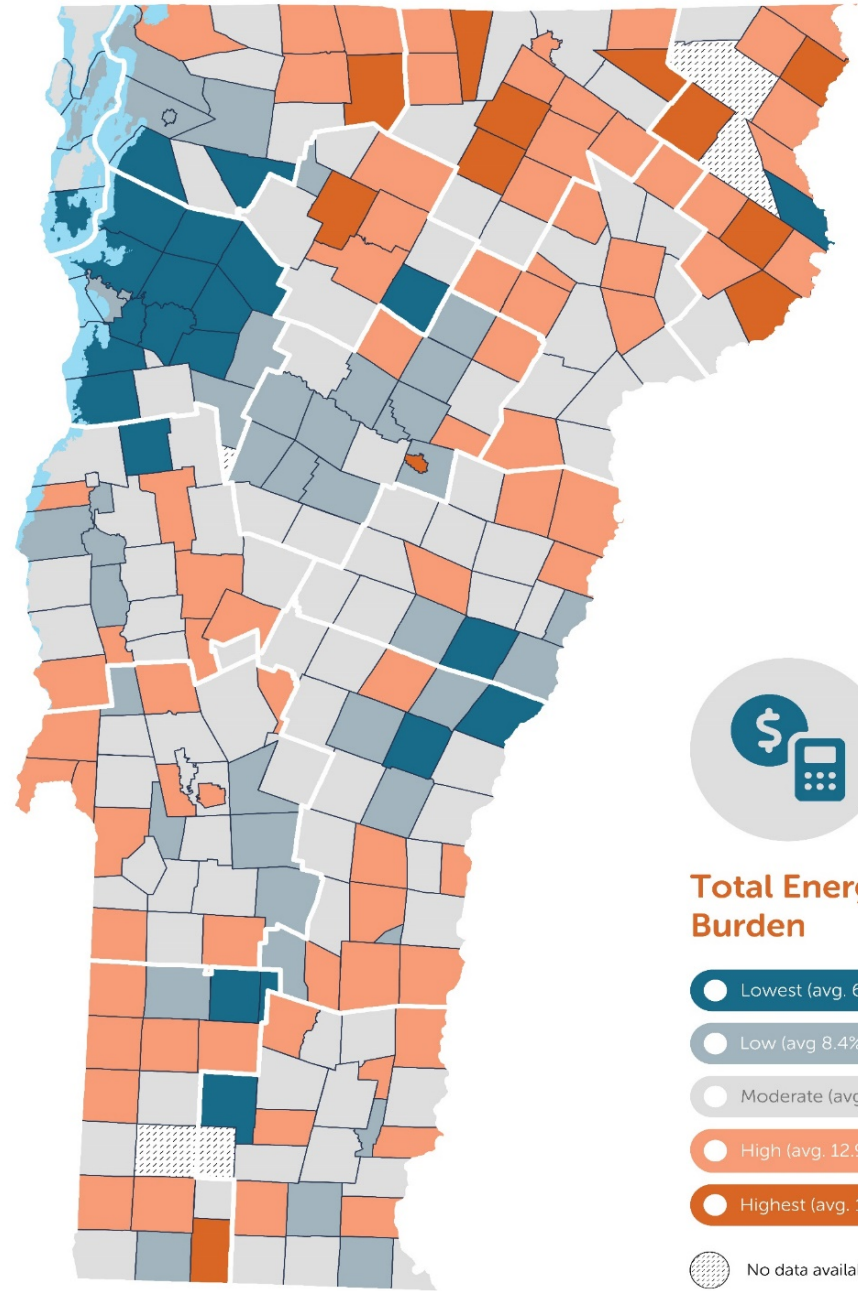
Energy
Spending



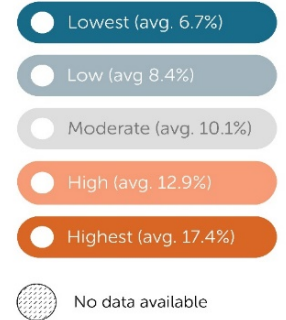
Household
Income



Total Energy
Burden



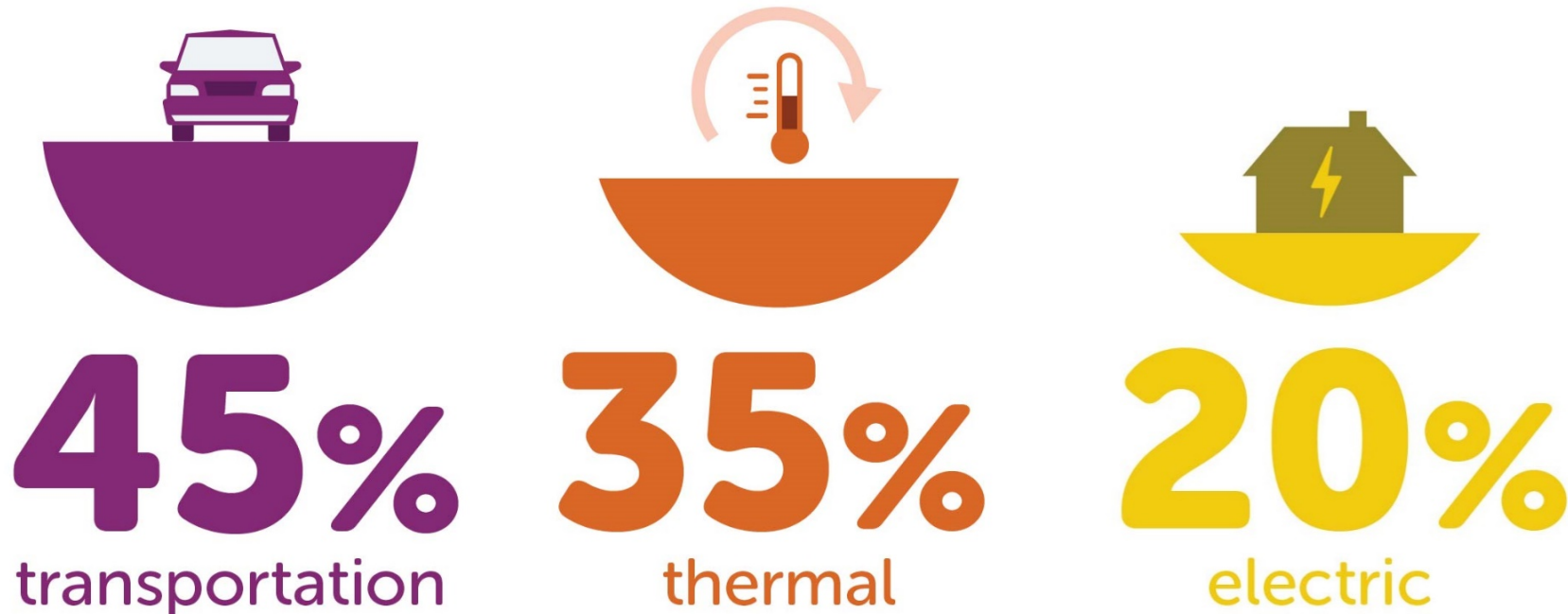
**Total Energy
Burden**



Breakdown of Energy Burden

The average Vermont family spends **10% of their income on energy costs**.
This averages **\$5,800 each year**.

Costs break down across three energy sectors:



Act 62 Weatherization Ramp Up – Projects

On the path to doubling weatherization projects

- 3-pronged approach is working
 - **Incentives:** 50% of project cost, up to \$4,000, for moderate-income families
 - **Financing:** 0% interest rate available
 - **Outreach:** Over 900 free Home Energy Visits in 2019, supporting RPCs and energy committees
- 40% increase in comprehensive projects
- Contractors are scheduling projects 3-5 months out



Act 62 Weatherization Ramp Up – Workforce

Vermont Technical College

- Providing funding for 50 Vermonters to become BPI-certified through courses at VTC
- 21 participants have completed the course so far
- First course filled up in 3 days, waiting lists for the other courses

NeighborWorks of Western Vermont

- Working to expand access to weatherization contractors & incentives in Northeast Kingdom and Bennington County
- HEAT Squad will oversee out-of-network contractors, verify quality of work to confirm standards are met

Act 62 PUC Study – Efficiency Vermont Straw Proposal

Continue saving Vermonters money through existing electric and thermal efficiency programs. Collaboratively develop new programs with utilities that **reduce fossil fuel use**, support a more **flexible and responsive electric grid**, and **help all Vermonters** access energy solutions that will reduce their costs and lower GHG emissions.



Act 62 PUC Study – Summary of Efficiency Vermont Comments



Efficiency Vermont's work should:

1. Continue as a statewide resource, focus on under-served populations
2. Leverage experience in emerging technologies, supply chain
3. Focus on reducing costs & GHG
4. Support, not duplicate or compete with, utility programs
5. Maintain responsible budgets

Potential benefits:

1. Build on a proven track record of saving Vermonters money
2. Bring new technologies to Vermont that can be promoted by all
3. Improve GHG reduction results
4. Partnerships with utilities that serve customers better
5. High value for every dollar spent

Looking Forward



Successful evolution requires:

1. Focus on Vermonters with the greatest need for support
2. Long-term commitment to modernizing energy efficiency
3. Certainty to enable investments and build the supply chain
4. Synchronized evolution with utilities
5. Clearly defined performance-based outcomes

Q&A

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