

Senate Natural Resources & Energy Committee - February 11, 2021

# Efficiency Vermont Oversight & Regulation

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Efficiency  
Vermont



## Efficiency Vermont

- Statewide infrastructure
- Network of partners
- Market transformation

## Results

- Over **\$2.6 billion** in energy cost savings
- Over **12 million** metric tons of CO<sub>2</sub>e
- Robust efficiency workforce

# Oversight & regulation overview

1

The regulatory process helps focus the investment that Vermonters make in efficiency and prioritize benefits to Vermonters

2

Measures are evaluated to ensure a balanced, cost-effective portfolio of programs to benefit all Vermonters

3

Once budgets are approved, programs are implemented statewide to serve customers, support the workforce, and meet the established goals

4

If budgets increase, administrative costs do not increase at the same rate

# Regulatory oversight for effective program delivery

Each piece of the budgeting and program implementation process helps ensure we are maximizing resources and prioritizing benefits to Vermonters.

Three-year budgets & goals are **approved by PUC** in the Demand Resources Plan proceeding

Budgets are **updated and reviewed annually with PUC through** Triennial Plan

Significant program changes and new programs are reviewed by DPS quarterly

Maximizing resources and prioritizing benefits to Vermonters – balancing the portfolio.

## Regulatory oversight for effective program delivery

Ensuring a balanced cost-effective portfolio of programs to benefit all Vermonters

- Efficiency measures with proven savings and customer benefit are made available statewide
- New technologies are incentivized to provide compelling customer economics
- Rigorous annual evaluation and savings verification process ensures that benefits are real and durable

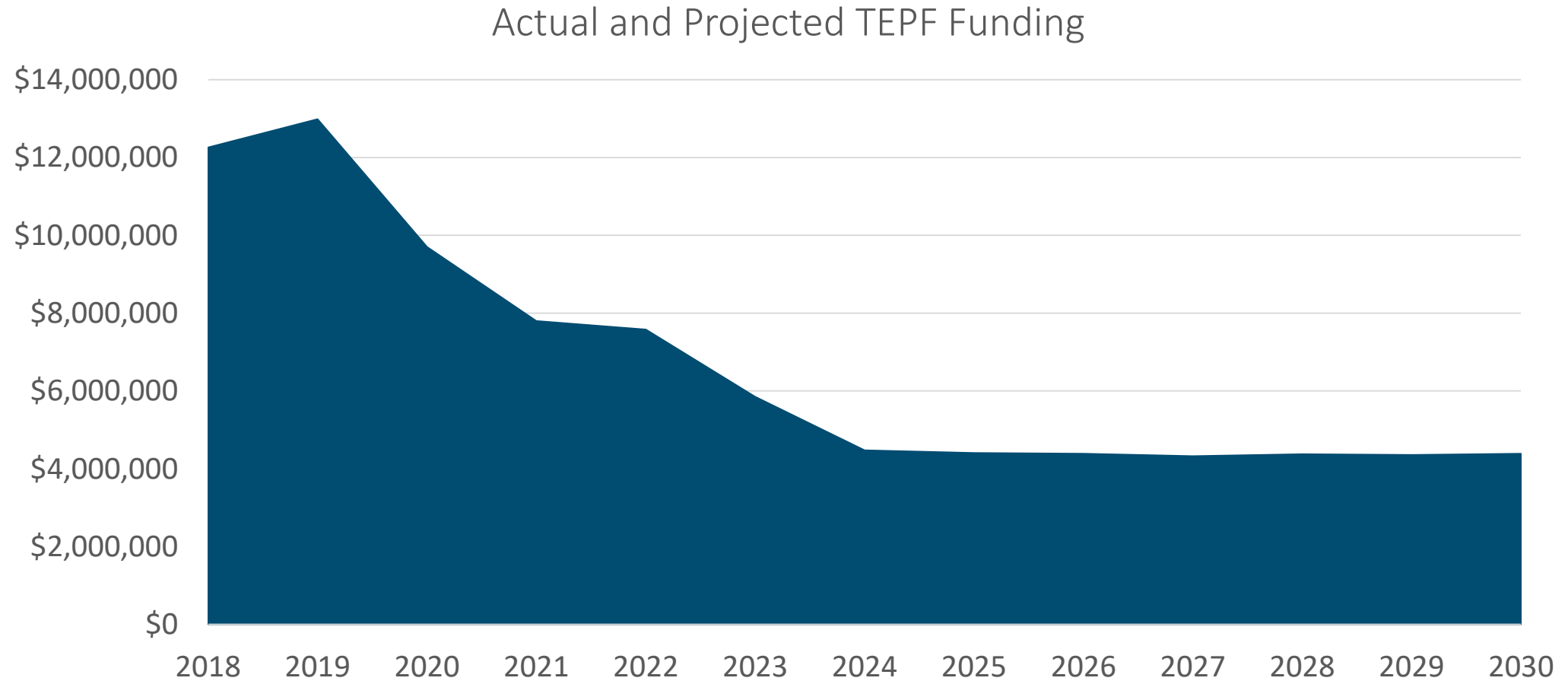
# 2021-2023 Thermal Efficiency and Process Fuels (TEPF) budget & goals

2021-2023 TEPF budget: \$21 million

QPI	Title	Performance Indicator	Target
1	Thermal & Mechanical Energy Efficiency Savings	MMBtu annual savings	340,600
2	Residential Single-Family Comprehensiveness	a. Air leakage reduction	34%
		b. Added insulation $\geq$ 50% finished floor	44%
		c. New heating system within three-years of shell measure	16%
3	Housing Units Weatherized	# units comprehensively weatherized	4,400
4	Greenhouse Gas Reductions	Metric tons of CO <sub>2</sub> e avoided	20,400*

\* Equivalent to taking 4,407 cars off the road

# Weatherization funding is projected to decline sharply



# Implementing statewide programs

## What goes into a program once the budget is set?

- Program design and implementation
  - Over 50 active programs for businesses and residential customers
  - Work with VGS, BED, Weatherization Agencies, 3E, DUs, and more to design effective statewide programs
- Outreach and education
  - Working with partners to educate Vermonters about the benefits of energy efficiency
  - 337,737 visitors to [efficiencyvermont.com](http://efficiencyvermont.com) in 2020 and 245,370 newsletters sent
- Customer support
  - Answering calls and emails from customers and connecting them to resources
  - 31,137 customer contacts handled in 2020
- Processing rebates
  - 9,500 projects processed in 2020 across all funders
- Evaluation, measurement, and verification
  - Analyzing energy savings to ensure performance
  - 96.4-101.5% realization rate in the last three years



# Case study: workforce development

## Ongoing efforts to grow the workforce and help Vermonters connect with trade partners

- The Efficiency Excellence Network (EEN) offers support in exchange for maintaining necessary certifications
- Ongoing trainings switched to virtual training platform to support contractors during shutdown

## Building Performance Institute (BPI) Certification trainings

- Five trainings in 2019-2020 at VTC: 44 total participants
- Provided a stipend for attendance to compensate for time, with a bonus when certified
- Efficiency Vermont staff designed and led trainings
- Paused for COVID with plans to resume in 2021

## New partnership with Neighborworks of Western Vermont to act as general contractor

# Questions?

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