



VGS Thermal Programs 2021-30

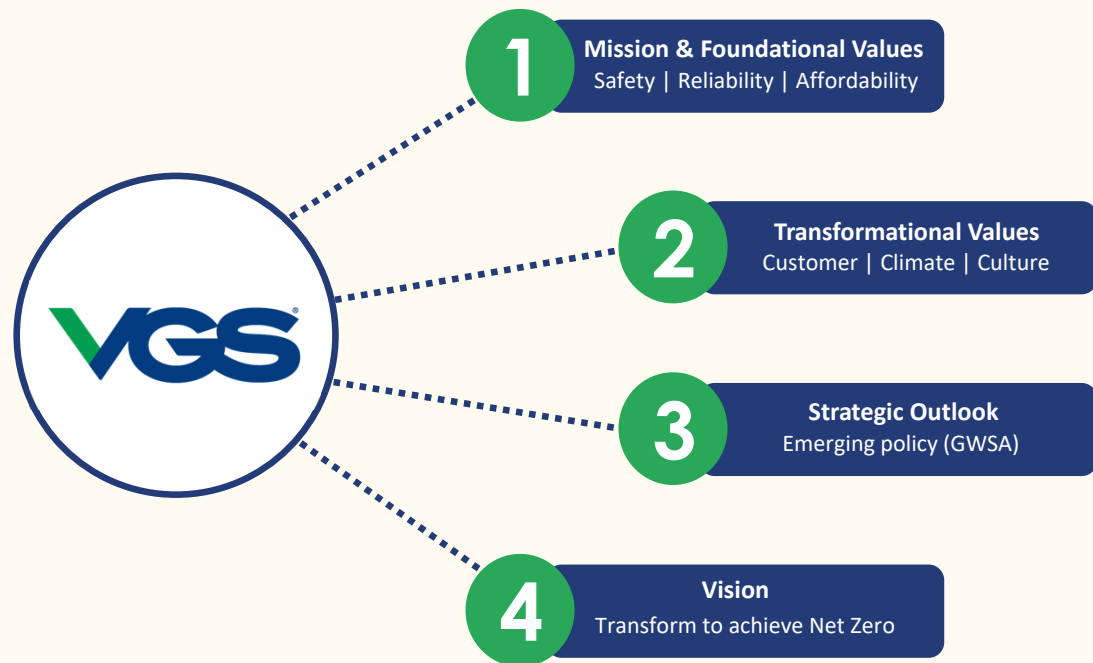
Tim Perrin, Manager, Energy Efficiency & Innovation

Presented to the Cross-Sector Mitigation Subcommittee

February 16, 2023

Introduction

- VGS is northwest Vermont’s integrated energy services company
 - Provides customers safe, affordable, and reliable thermal energy service, award-winning energy efficiency programs, and home and business energy equipment service and maintenance.
 - Fully regulated distribution utility
 - Energy efficiency utility
 - 135+ employees
 - 55,000 customers:
 - Addison County
 - Chittenden County
 - Franklin County

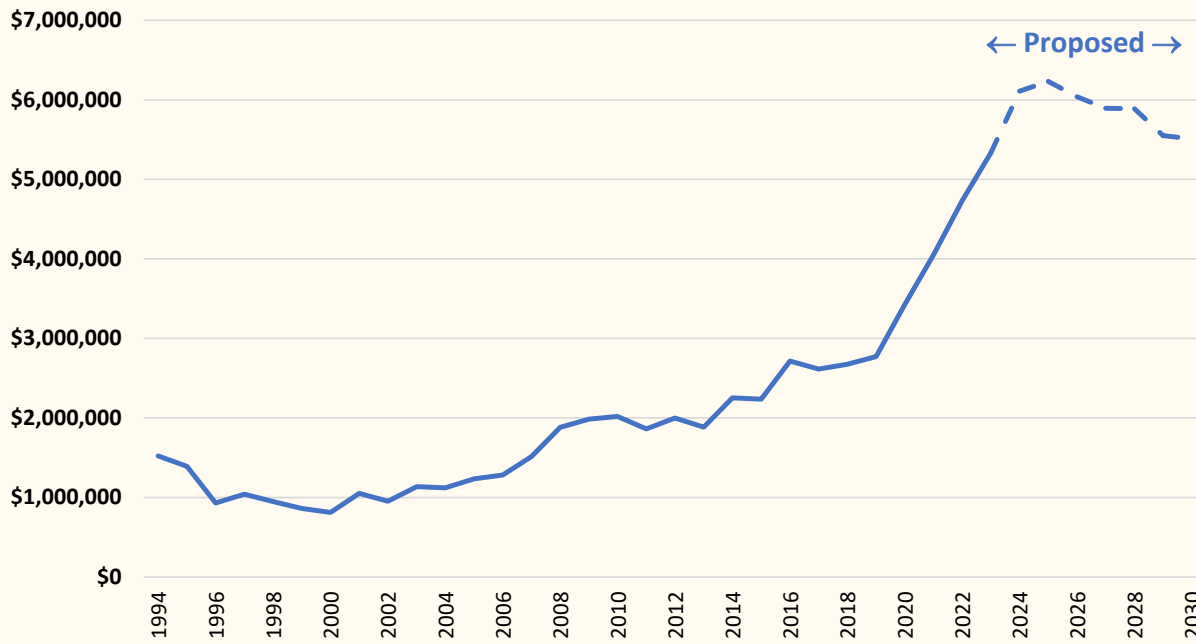


Net Zero by 2050

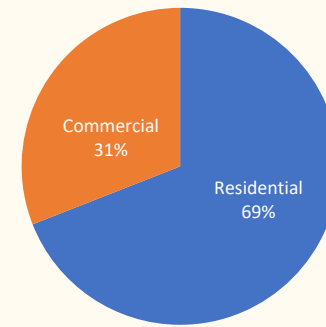


Expand Weatherization & Energy Efficiency

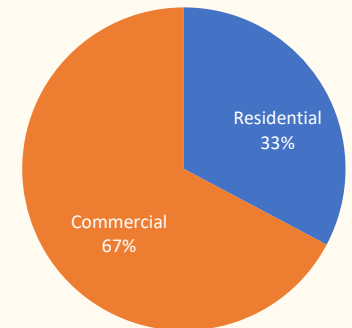
VGS Energy Efficiency Budgets



2021-23 Budget



2021-23 MMBtu



Increase Participation in our EEU Programs

“Our Portfolio achieves our targets and delights our customers.”

Residential Energy Services



Weatherization

- Single/multi-family, condos, manuf. housing
- 50-75% rebate
- 0-5% financing
- Health & safety issues

➤ *Income-eligible focus*



Efficient Equipment

- Choice of rebates or no/low-rate financing
- Income-eligible bonus
- Emerging technologies

➤ *Midstream delivery*



New Construction

- Partner with Efficiency Vermont
- Market-based w/ homebuilders

➤ *Code compliance*

Commercial Energy Services



Commercial Retrofit

- Project identification
- Coordinated approach with DUs, EEU's
- Engineering services provided for scoping
- Goal setting, energy planning



Efficient Equipment

- Rebates for highest efficiency equipment
- Emerging technologies
- Custom analysis for specialized process equipment

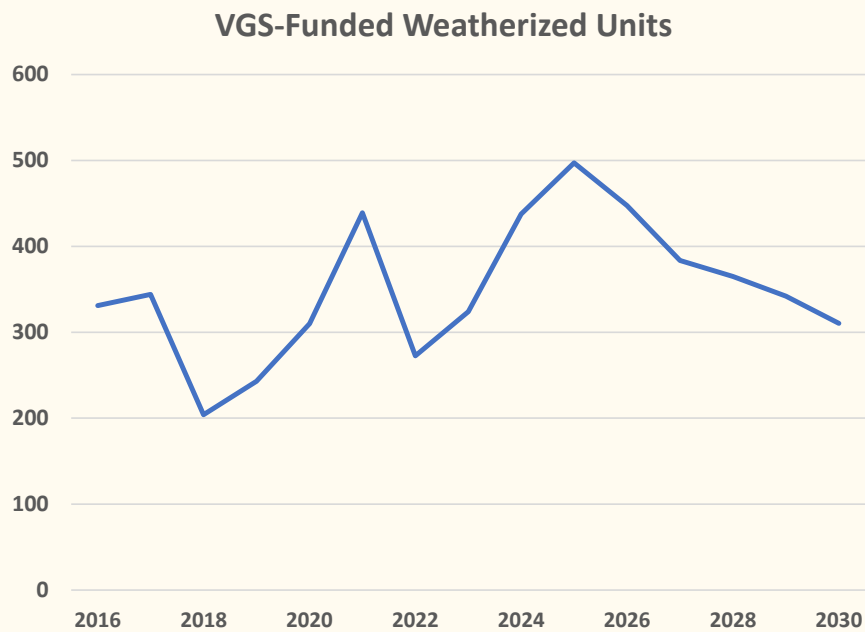


New Construction

- Coordinate approach with DUs and EEU's
- Review plans and conduct energy analysis
- Provide design team with in-depth technical assistance

Expand Contractor Availability

“Our Contractors are an extension of our team.”



To meet Vermont’s GHG reduction targets, the Energy Action Network has estimated that Vermont’s qualified weatherization workforce needs to grow **five-fold in fewer than five years**.

Services for VGS Contractors



Project Scoping



Relationship Management



Quality Assurance

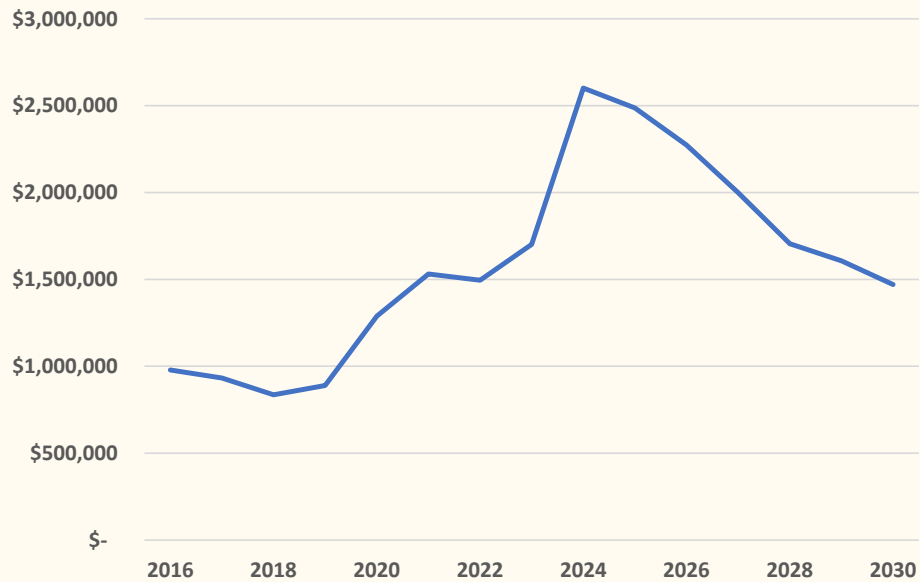


On-time Payments

Expand Weatherization Services

“Reimagine the role of ratepayer-funded programs.”

VGS Weatherization Budgets



Ideas & Opportunities to Scale

- Leverage IRA “Hope for Homes” funding
- Expanded financing for health & safety measures
- BTV Sound Mitigation initiative
- Cross-train other trades
- VGS *HomeSealer* initiative
- <https://energysaver.vermont.gov/>

A photograph of a dark, cluttered attic space. The floor is covered in a thick layer of brown, fibrous insulation. The walls are made of brick, and a brick chimney is visible in the background. A bright light source, possibly a window or a light fixture, is visible in the distance, creating a strong glow and casting long shadows. The overall atmosphere is dim and somewhat mysterious.

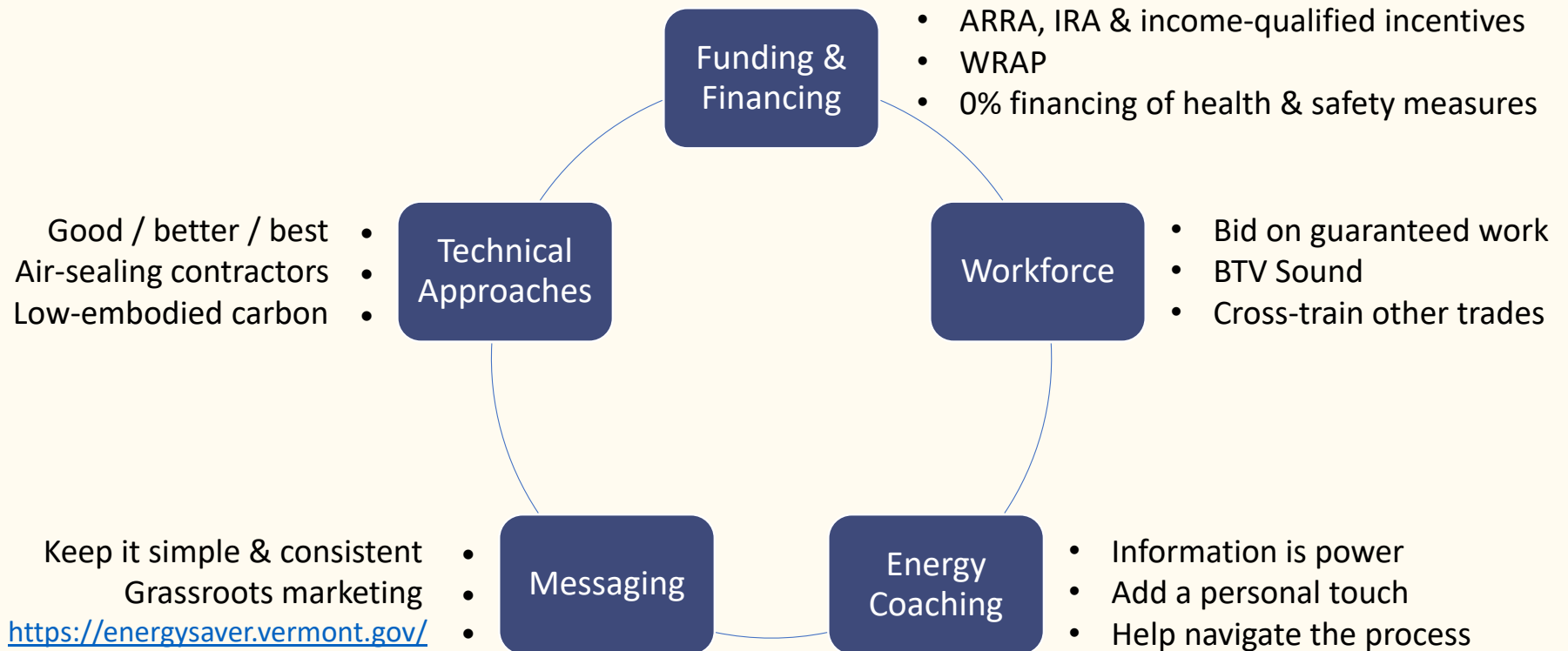
Thank You!

Tim Perrin

Manager, Energy Efficiency
& Innovation

tperrin@vermontgas.com

Weatherization at Scale



Inflation Reduction Act

Residential EE Tax Credit

- Most-efficient boilers, furnaces & water heaters; Insulation & energy audits
- Contractor, staff & customer education

Commercial Buildings Deduction

- \$0.50/sq-ft @ 25% reduction
- HVAC & building envelope
- Commercial & institutional >50K sq-ft

New EE Home Tax Credit

- ENERGY STAR / Zero Energy Ready
- VGS Sales Team engaging builders

Hope for Homes Rebates

- Tiered savings up to \$4K + LMI bonus
- Administered through PSD
- VGS program changes to meet requirements