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# Evolve Panton

**2016 Vermont Energy and Climate  
Action Network Conference**

December 2016



# Overview

Green Mountain Power and Efficiency Vermont are partnering on a community-wide effort in Panton to reduce energy costs, improve system reliability, and boost community vitality

# Program Drivers

- GMP meeting Tier 3 carbon reduction requirements
- Moving beyond the logjam of home weatherization
- GMP-EVT innovative partnership

# Overcoming Barriers

- Customer awareness and engagement around energy improvement opportunities
- Hassle factor of dealing with multiple contractors
- Customer reluctance to incur personal debt to fund energy improvements

# Goals

- Achieve significant energy improvements savings in 80% of Panton homes
- Gather data and evaluate results to determine viability of replication in other communities



# Scope

- Technical assistance, financial incentives, and guaranteed savings
- Total energy approach
  - Energy efficiency retrofits for homes
  - Efficient heating and cooling systems, e.g. cold climate heat pumps
  - Replacement of inefficient appliances, including heat pump hot water heaters
  - Solar and other renewable energy generation

# Other Components

- Field testing of EVT home energy advisors conducting home energy visits
- Partnership with contractors
- Agricultural walk-throughs and improvements
- 12 month timeline; project launch in late August
- Exploring special offer/program for low income



# Home Energy Visits

- EVT and GMP staff conducting home energy visits - total energy
- Part of Existing Homes pilot
- 40 visits conducted to date; another 35 scheduled
- If efficiency opportunities found – energy audit next
- Data plugged into financial model to determine guaranteed savings offer



# Guaranteed Savings Model

- Use energy savings to pay for energy improvements
- Customer pays monthly fee equal to or less than existing energy bills
- GMP will pay for the upfront costs of completing the work; serve as primary contractor
- Alternative mechanisms for work outside of guaranteed savings

# Community Engagement

- Goal to baseline 100% of community energy usage
- Informational session and kick-off held in August
- Using wide variety of engagement methods



# eVolve Panton Timeline

- Community Outreach Launch Aug 2016
- Initial Home Energy Visits Sep 2016
- Municipal Building Transformation Jan 2017
- Early Adopter Group Filled Jan 2017
- Early Adopter Group Completed Mar 2017
- 2<sup>nd</sup> Community Outreach Push Jan/Feb '17
- Home Energy Visits – Phase II Feb-Apr '17
- Completion of Panton Work Dec 2017

# Where to from here

- Putting systems in place to operationalize
- Finetune guaranteed savings model
- Document and evaluate results
- Consider new communities to expand



# Contact Info

Paul Markowitz

Community Energy Program Manager

Efficiency Vermont

[pmarkowitz@veic.org](mailto:pmarkowitz@veic.org)

802 540 7608