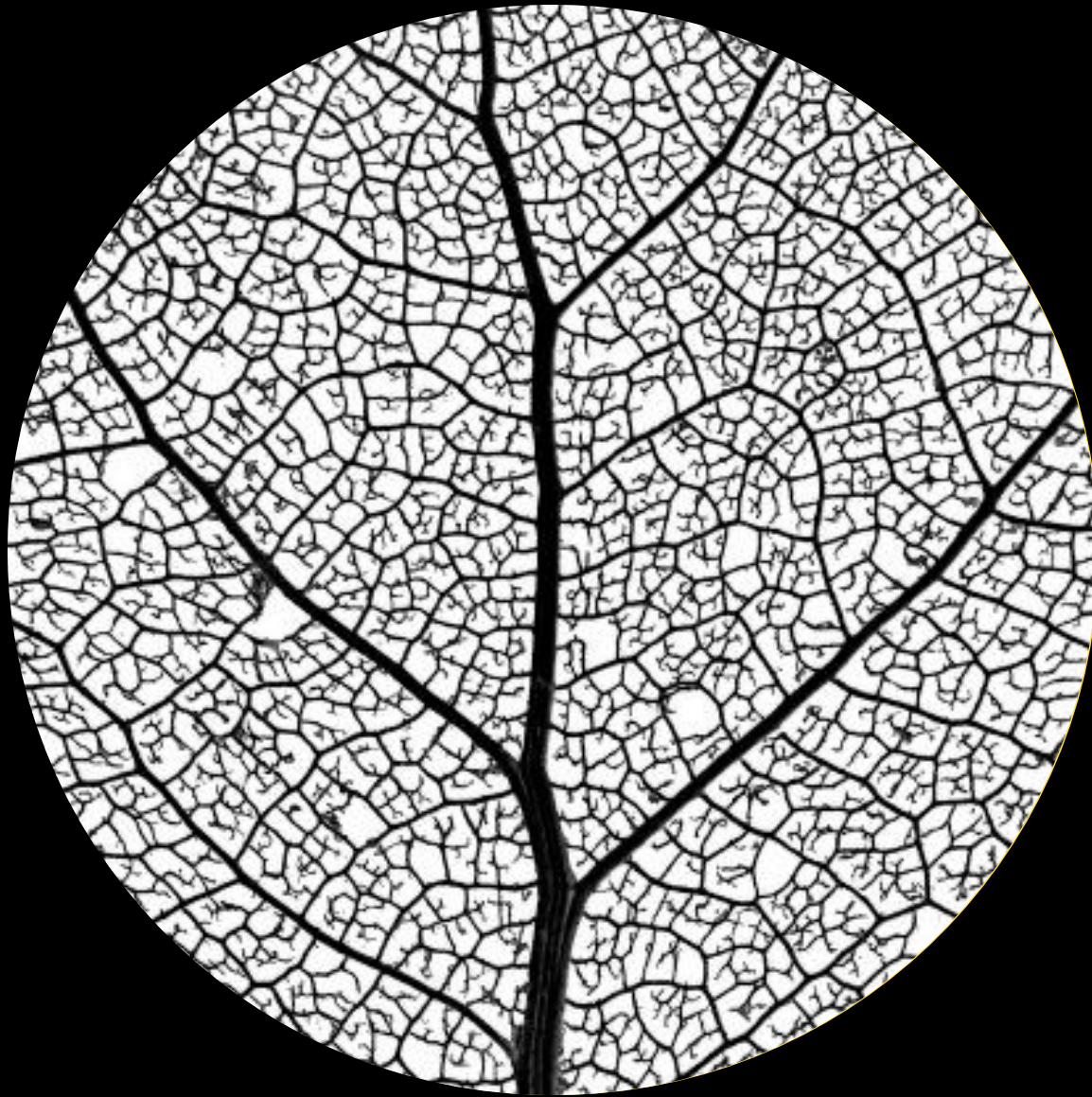


Vermont  
**Energy Investment**  
Corporation

# House Energy & Technology Committee

February 2, 2017

Brian Pine, VEIC



**Since 1986**  
reducing the  
economic and  
environmental  
costs of  
energy use

# About VEIC

- Provides energy efficiency, renewable energy, and transportation solutions
- Designs and implements high-impact programs
- Focus on the nexus of energy and social justice



# About VEIC



- Nonprofit founded in 1986
- Designs, delivers, and evaluates energy efficiency, transportation, and renewable energy programs nationally & internationally
- Over 300 employees
- Locations: VT, DC & OH

[www.veic.org](http://www.veic.org)

# About VEIC

- Over 30 years of reducing economic & environmental costs of energy use
- Comprehensive approaches, high-impact results
- Energy efficiency, renewable energy, and transportation
- National and international clients
- Program design and evaluation
- Transformative policy, advocacy, and research
- Clients: government agencies, regulators, utilities, foundations, and advocates






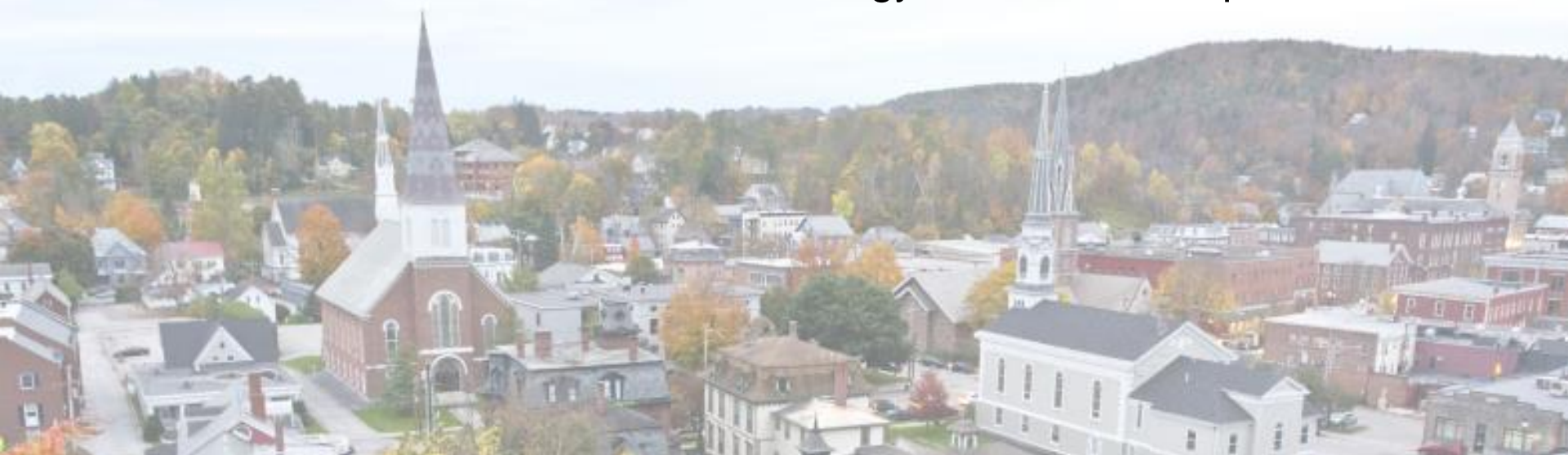
FEBRUARY 2017

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# Making Energy Affordable for All Vermonters

Three large, light green, brushstroke-like shapes are positioned behind the speaker's name and organization. One is a long, thin, curved stroke, and the other two are smaller, more rounded shapes to the right.

Brian Pine  
Vermont Energy Investment Corp



# Who We Are

- Founded in 2000
- Statewide independent energy efficiency utility
- Administered by VEIC, under appointment of Public Service Board
- Offices in Burlington, Barre, and Rutland





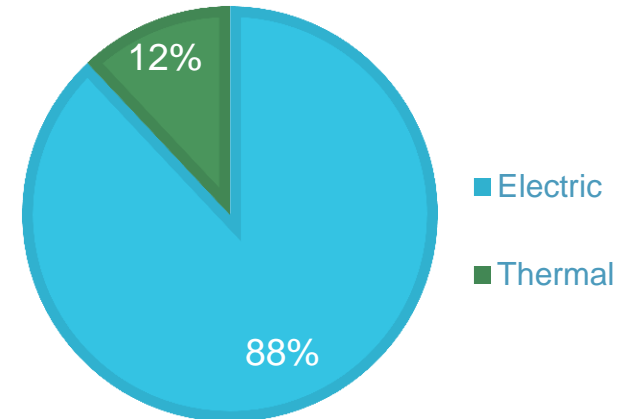
# Who We Are

## Results-driven

- 3-year performance periods
- 22 quality performance indicators, such as
  - Low-income
  - Geographic equity
  - Peak reduction
- Annual budgets set by PSB
- Reimbursed when results are delivered



2015 Revenue: \$53.5 M



# What We Do

- Provide education, services, rebates & financing
- Manage a statewide network of contractors, retailers, distributors, etc.
- Account-manage top 300 electric users
- Provide technical advice and incentives to affordable housing developers

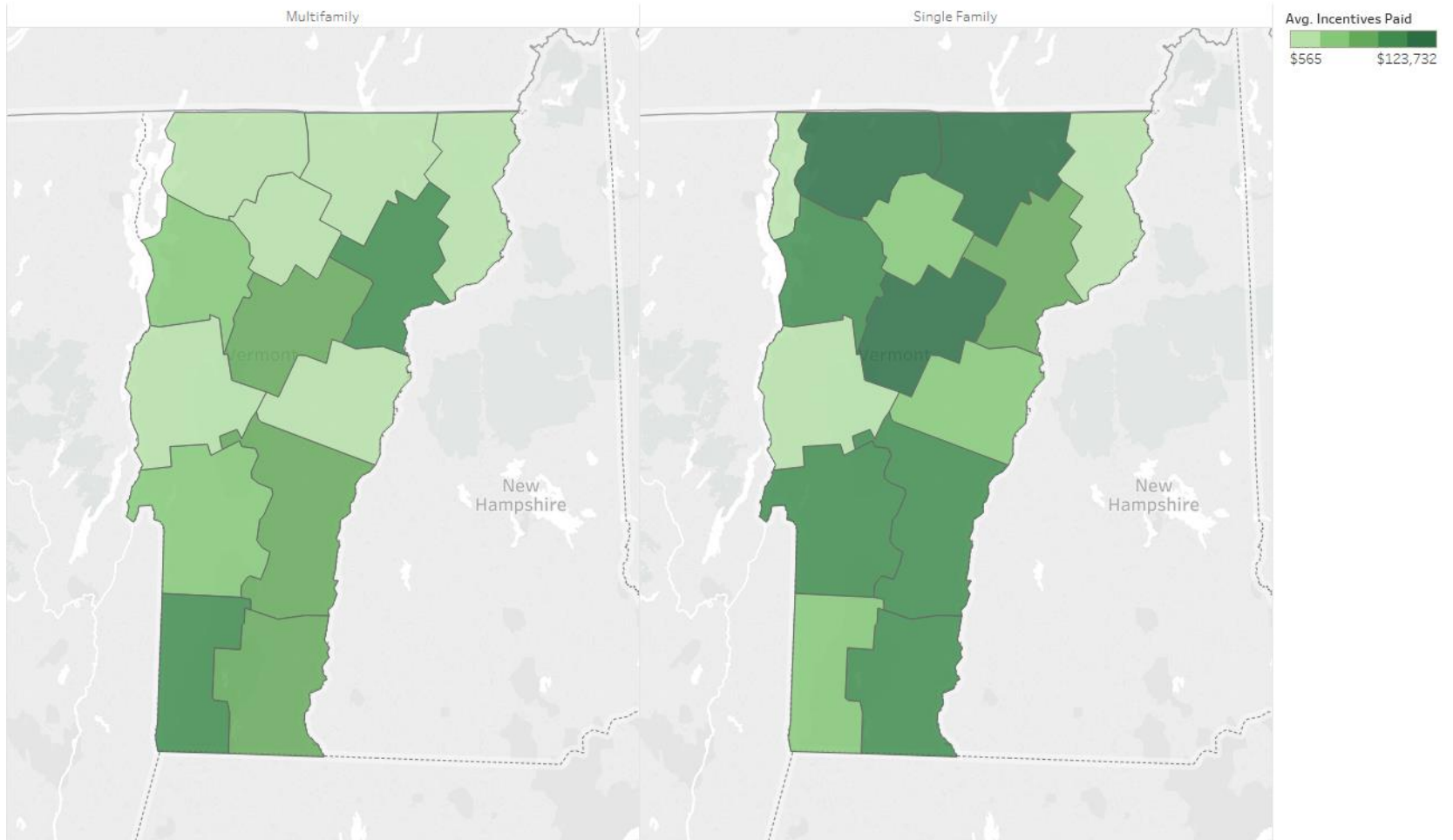


# VEIC+VHCB=Synergy

- Lower operating costs
- More \$ for improvements
- Healthier and more comfortable homes
- Keeps money in local economy
- Utilities in rent = 12,000 renters not using LIHEAP
- Focus on village centers reduces carbon footprint

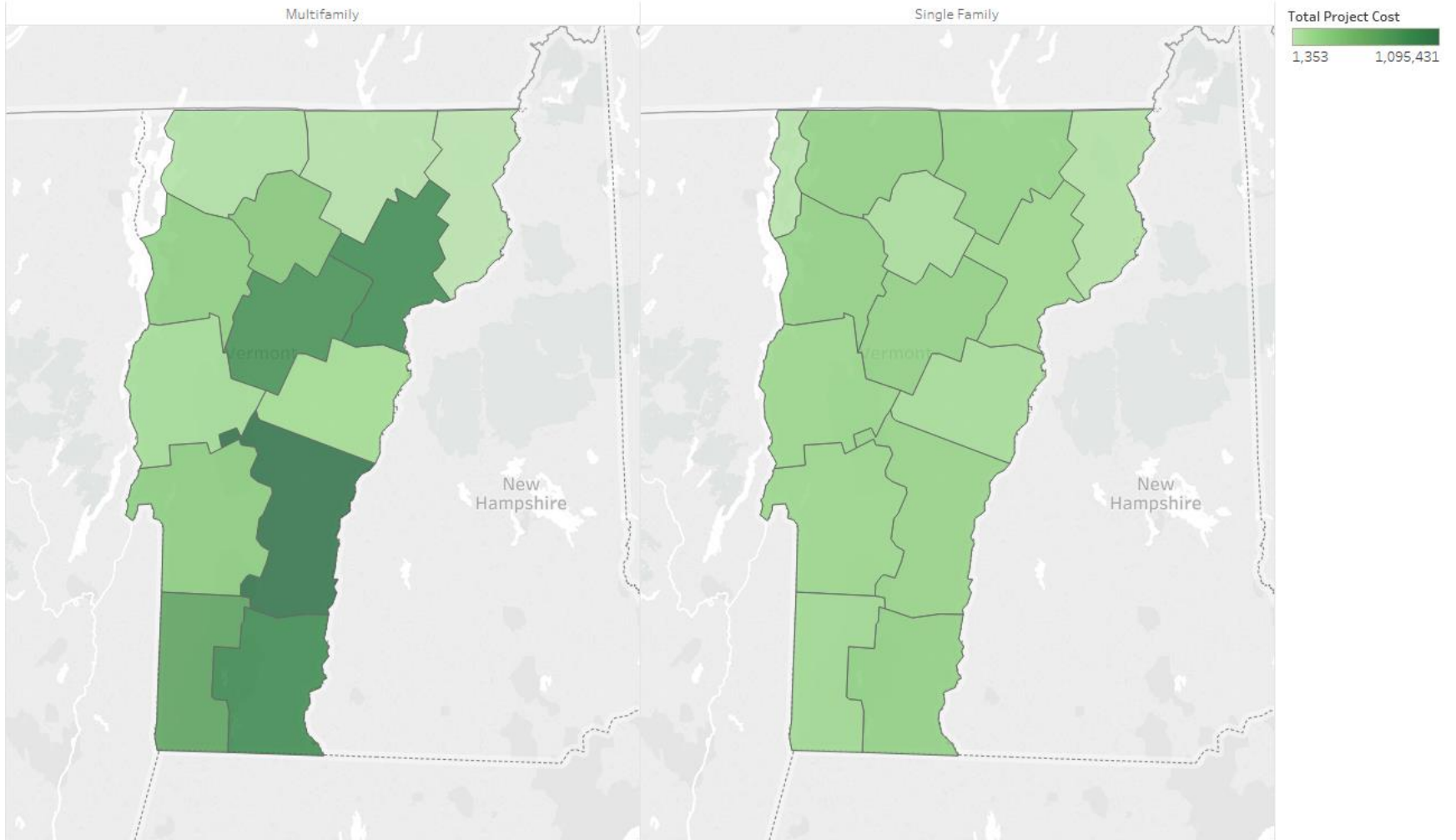


## Incentives by County

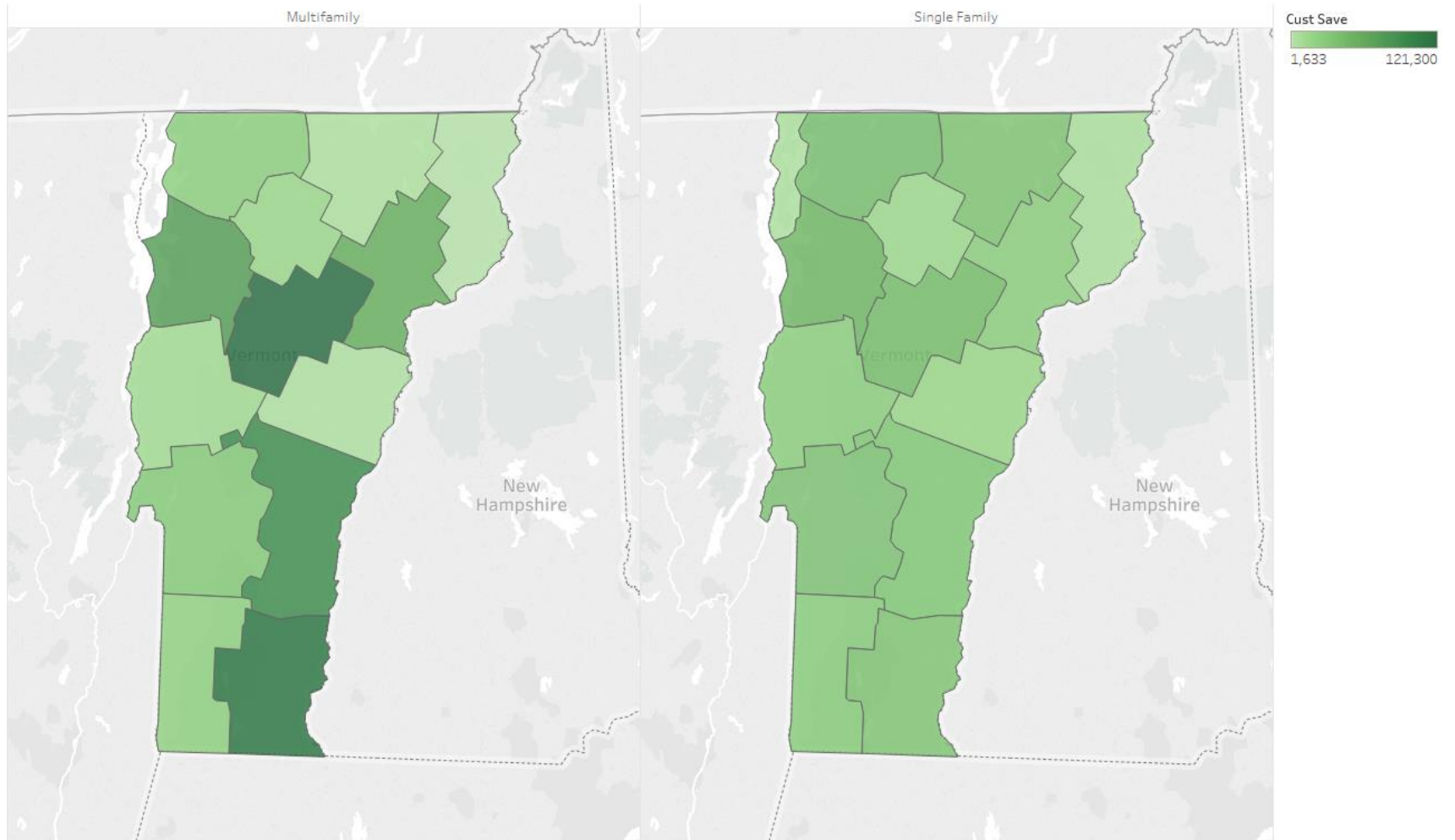




# Total Cost by County



## Annual Cust Savings by County



# Zero Energy Modular Homes





# Zero Energy Modular Success

- 56 VerMods delivered
- Proof of concept from post-occupancy data
- Multiple homes on order for 2017
- Waltham 14 homes; Hardwick 12 homes
- VT factory employing 15 and growing
- 10 Certified Appraisers competent in Sustainable Buildings
- Pioneering favorable private financing for leased land
- USDA RD 502 national pilot in VT/NH – 30yrs as low as 1%
- Reaching low income homebuyers

# Stabilizing Heating Costs at Applegate Apartments



- Energy retrofit of a 23-building, 104 unit apartment complex
- Used approx. 55,000 gal. of oil/year
- Work includes significant shell retrofits, insulation, new windows and ventilation
- Wood heat from a centrally located boiler will heat the complex through underground lines



# Revitalizing Waterbury State Office – Ladd Hall



- Adaptive reuse of building damaged by Tropical Storm Irene
- Rehab of an existing triplex and an addition with 24 units



Brian Pine

VEIC

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802-578-6953

**Thank  
You!**