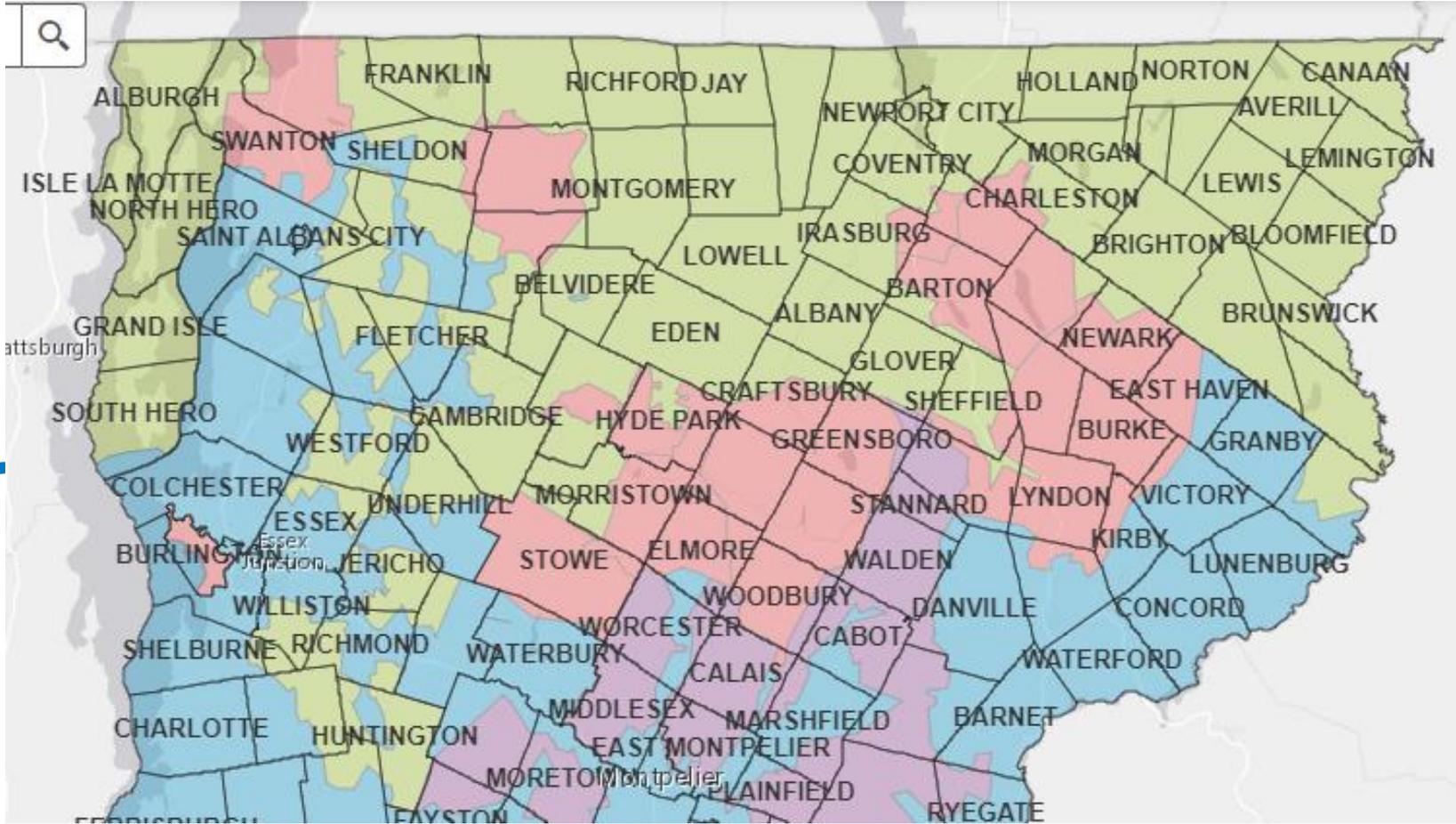




February 7, 2023

Senate Natural Resources & Energy
S.5- Affordable Heat

VEC Service Territory



ABOUT VEC MEMBERS



- 75 towns
- 8 counties
- 41,000 meters, 2,880 miles of line=14 meters/mile
- 2022 Peak 84 MW, Jan. 5pm.

- 35,000 members (approx)
- 50% Residential /50% non-residential (by load)
- 45% Retired. Average Age 57.5
- 88% Homeowners

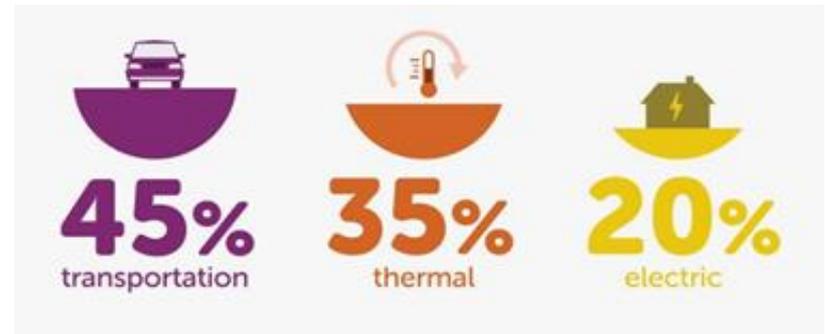
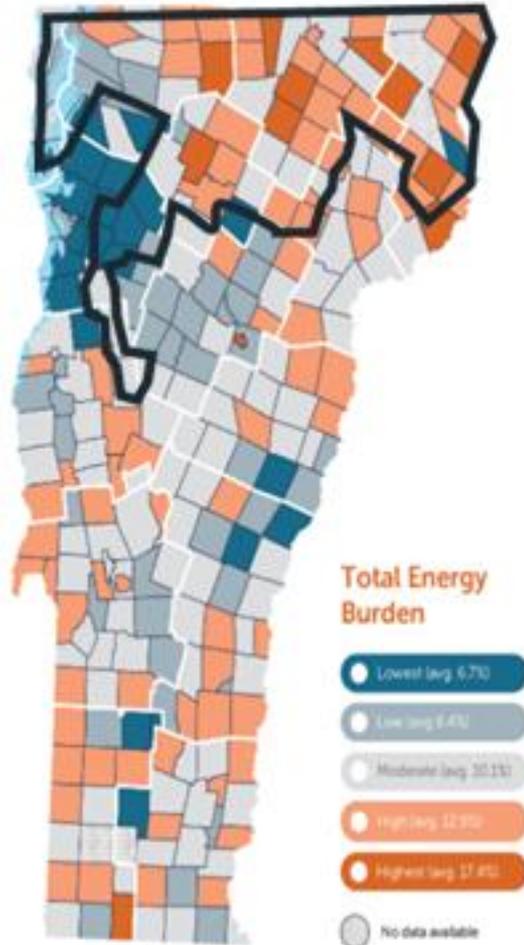
Just Transitions and Energy Equity



2019 Energy Burden Report



Efficiency
Vermont



Energy Equity *opportunity*
as we transition heating and
transportation to electric

VEC is 100% Committed



100%

CARBON-FREE BY 2023

100%

RENEWABLE BY 2030

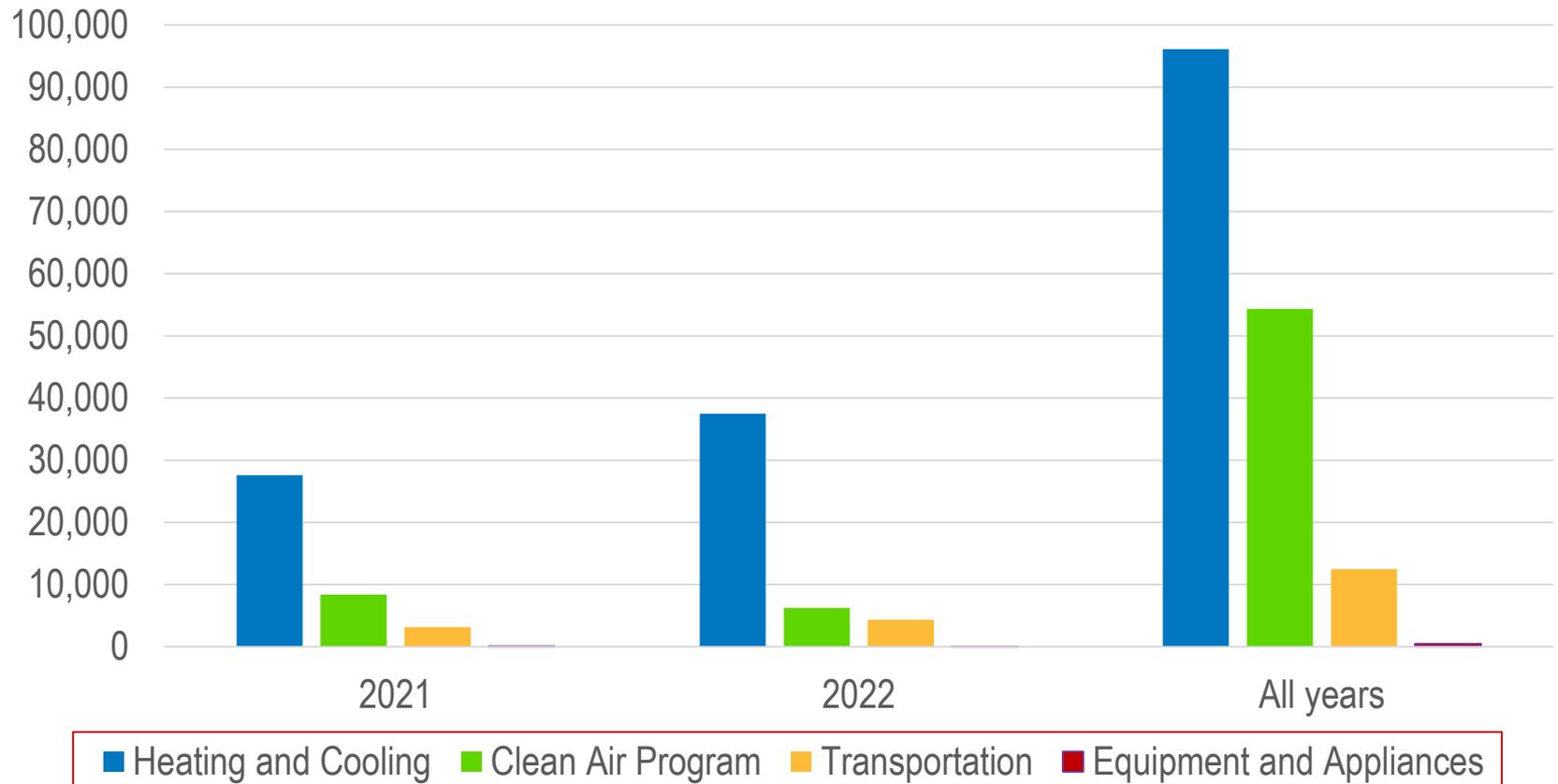


VEC currently has 7 MW in Co-op Community Solar (Hinesburg pictured here) and 2 other PPA projects in our service territory (4+ MW) at preferred sites (landfill and gravel pit). 4 of the 5 projects in partnership with Encore Renewables.

VEC Energy Transformation



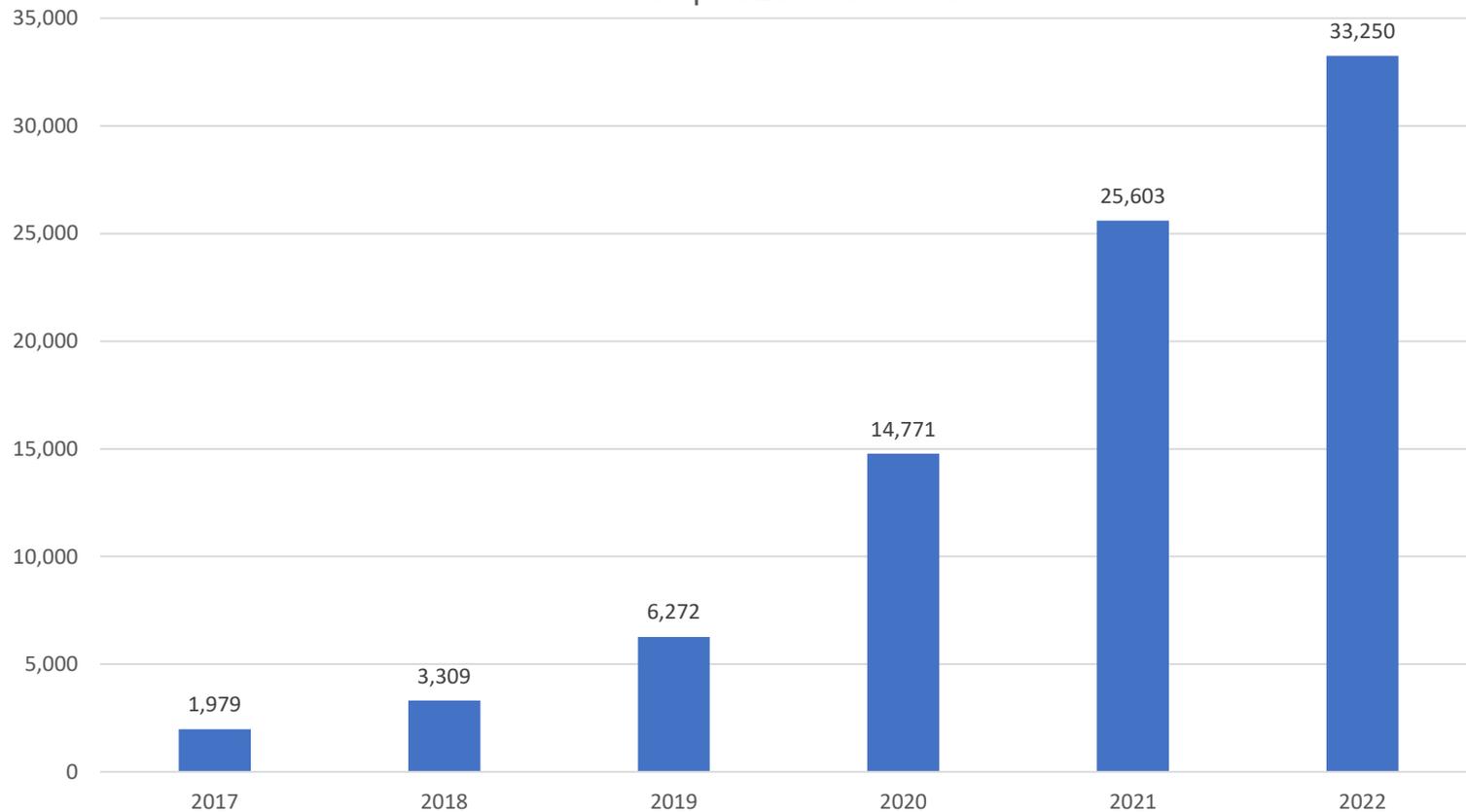
Energy Transformation Credit by Year



VEC Energy Transformation



Heat Pumps VEC MWh Credit



VEC Energy Transformation Clean Air Program



VEC's Clean Air Program (CAP) offers customized opportunities to members with off-grid or underserved homes or businesses to replace fossil fuel usage with electricity. May include cost sharing on service upgrades and line extensions. Most savings assumptions based on 30-year project life.

About 30 projects implemented so far to help members move away from diesel, oil, or propane generators to run their business.

- Maple Syrup producers
- Sawmill
- Gravel production
- Cheese-maker
- Greenhouse
- Asphalt producer

VEC Energy Transformation Clean Air Program



Little Charlie's Sugarbush (Jay):
.57 mile line extension to displace
7,907 gallons of propane per year



**Nugent Sawmill
(Bloomfield)**

Upgrade to electric service
to displace 13,059 gallons of
diesel per year

Northeast Sand and Gravel (Irasburg):
Service upgrade and extension to
replace 38,699 gallons of diesel per year



Comments S.5

-
- Energy Transformation (Tier 3) is making a meaningful contribution to carbon reduction and doing so cost effectively.
 - It is important that S. 5 does not impede this effort and success. For example, do not diminish the credit the distribution utilities receive for their investments so can meet our requirements.
 - Important that any legislation considers energy burden and geographic diversity as it relates to income, service providers, and available transformation opportunities.

Andrea Cohen, Manager, Government Affairs and Member Relations
Vermont Electric Cooperative
acohen@vermontelectric.coop, 802-696-9036.