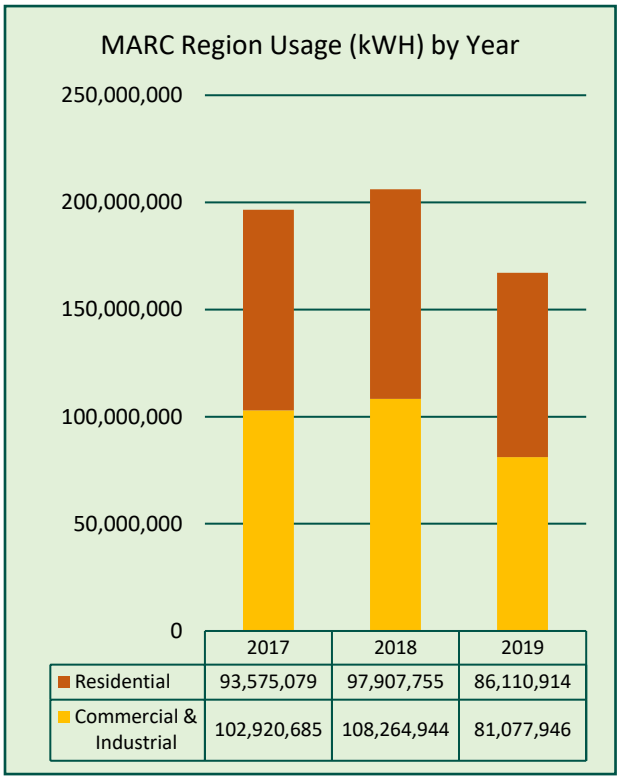
Selected Energy Data – Mount Ascutney Region and Baltimore

Introduction

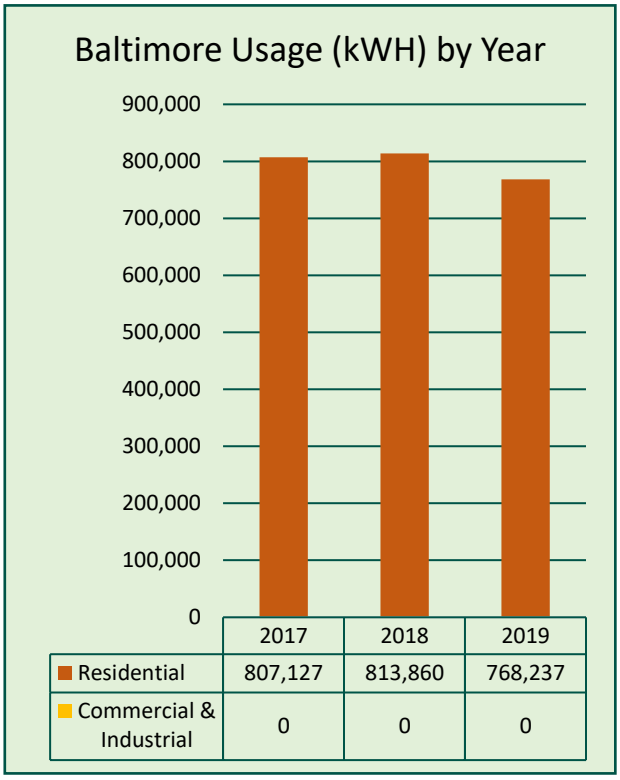
Efficiency Vermont has collected a variety of data that reflects energy demand at the local and regional level, as well as information on the number of households and businesses taking advantage of its energy efficiency incentives. Selected data from the past three years is presented below. Regional data includes total electricity consumption by sector as well as electric vehicle registrations. Town data also includes a summary of local uptake on a variety of efficiency programs; note that data for some programs was not collected for each of the three years. It is important to note that electrification in the thermal and transportation sectors improves overall energy efficiency and contributes to a reduction in greenhouse gas emissions (because of Vermont's heavy reliance on electricity from renewable sources), even though electricity consumption is increased. It is therefore anticipated that overall electricity usage will increase as thermal and transportation energy sources switch from fossil fuels to electricity.

For more data contact MARC at omunroe@marcvt.org

Mount Ascutney Region & Baltimore Electricity Usage



	2017	2018	2019
Residential	93,575,079	97,907,755	86,110,914
Commercial & Industrial	102,920,685	108,264,944	81,077,946



	2017	2018	2019
Residential	807,127	813,860	768,237
Commercial & Industrial	0	0	0

Electricity usage in Baltimore has remained relatively stable compared to the sudden drop in usage in 2019 seen in the region as a whole. While residential and commercial & industrial usage are relatively equal in the region, Baltimore's usage is exclusively for residential uses.

Mount Ascutney Regional Commission

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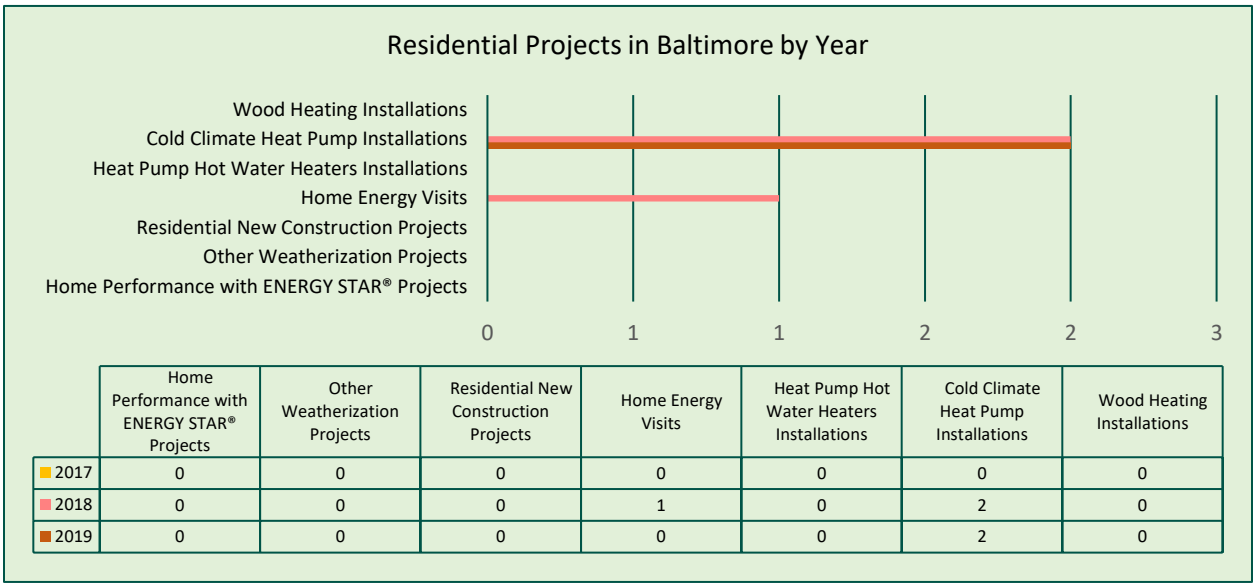
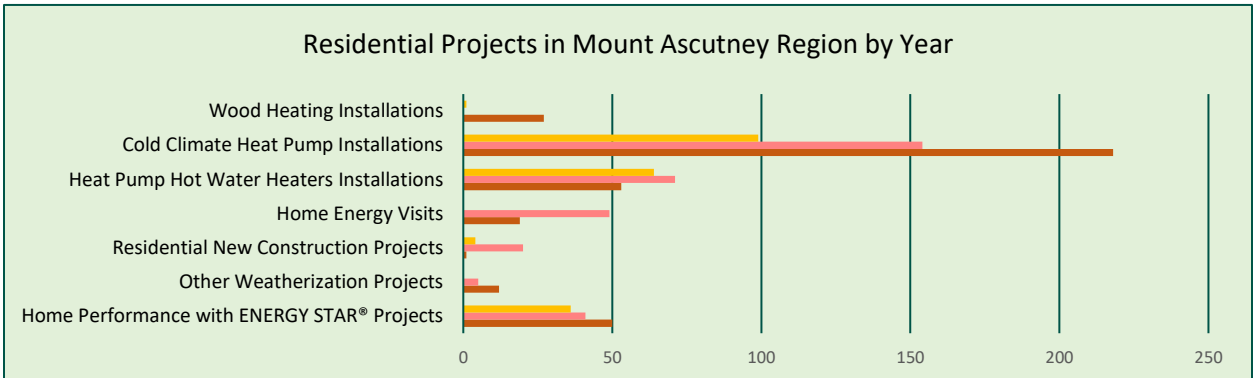
Participation in Efficiency VT Programs



	Home Performance with ENERGY STAR® Projects	Other Weatherization Projects	Residential New Construction Projects	Home Energy Visits	Heat Pump Hot Water Heaters Installations	Cold Climate Heat Pump Installations	Wood Heating Installations
2017	0	0	0	0	0	0	0
2018	0	0	0	1	0	2	0
2019	0	0	0	0	0	2	0



	Home Performance with ENERGY STAR® Projects	Other Weatherization Projects	Residential New Construction Projects	Home Energy Visits	Heat Pump Hot Water Heaters Installations	Cold Climate Heat Pump Installations	Wood Heating Installations
2017	36	0	4	0	64	99	1
2018	41	5	20	49	71	154	0
2019	50	12	1	19	53	218	27

The most popular residential energy efficiency project in Baltimore by far has been cold climate heat pump installations. The low number of Baltimore residents who have taken advantage of Efficiency Vermont's free home energy visits between 2017 and 2019 may point a way forward to more widespread use of Efficient Vermont programs and incentives. Home energy visits are designed as a first step to help residents determine what projects and incentives are right for them and could be promoted further in Baltimore to increase awareness of offering from Efficiency Vermont and others.

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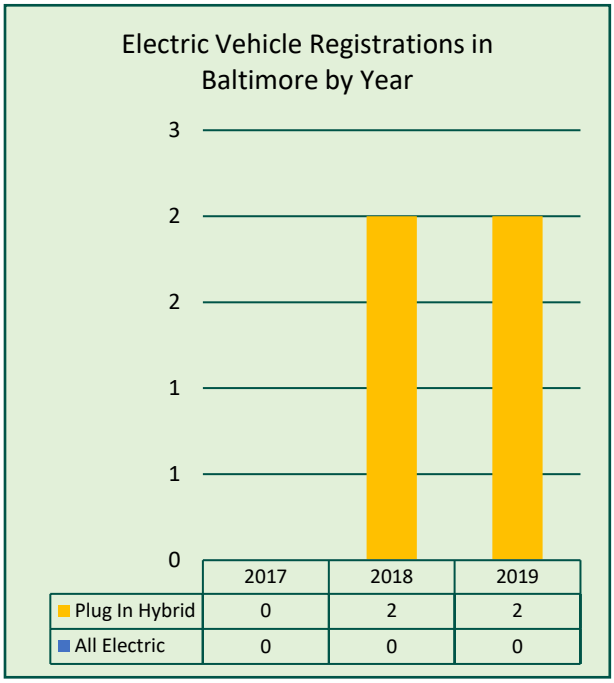
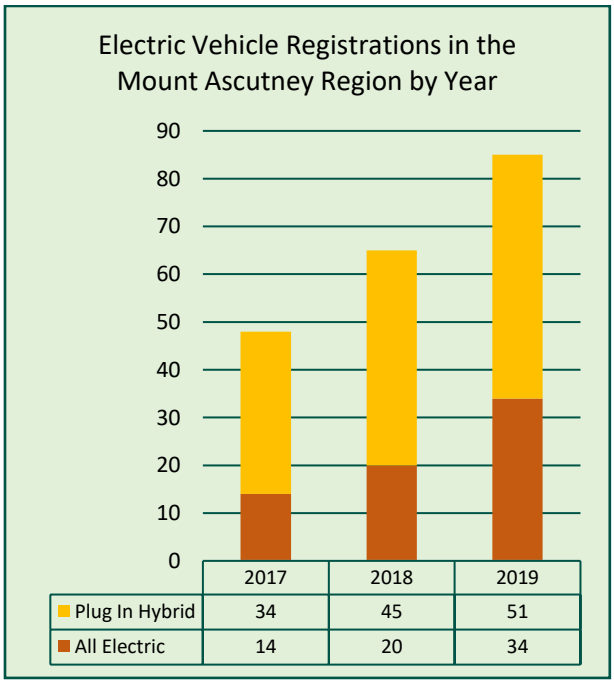
Electric Vehicle and Plug in Hybrid Registrations





In Vermont, the transportation sector accounts for more greenhouse gas emissions than any other. Electrification is one key strategy to cutting these emissions. Across the region, adoption of electric and plug-in hybrid vehicles has been slow relative to the goals set out in the State's Comprehensive Energy Plan and Baltimore is no exception.

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