

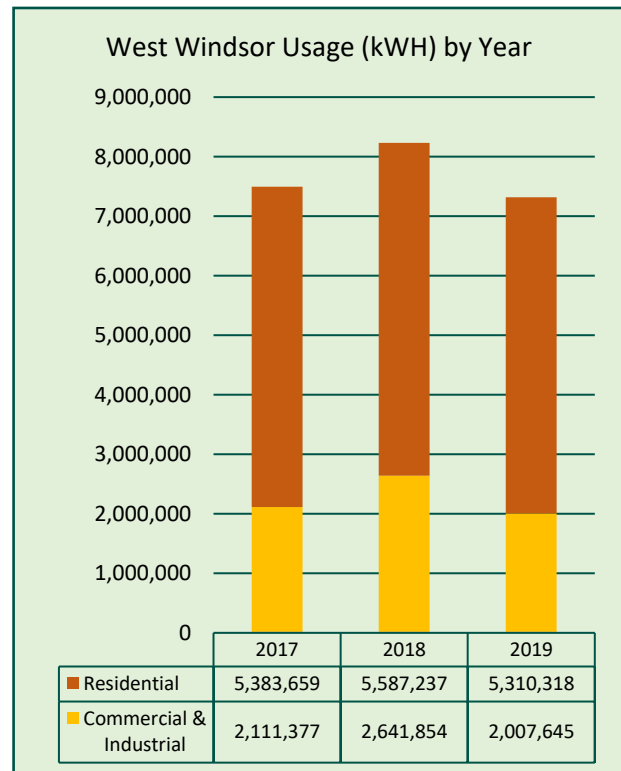
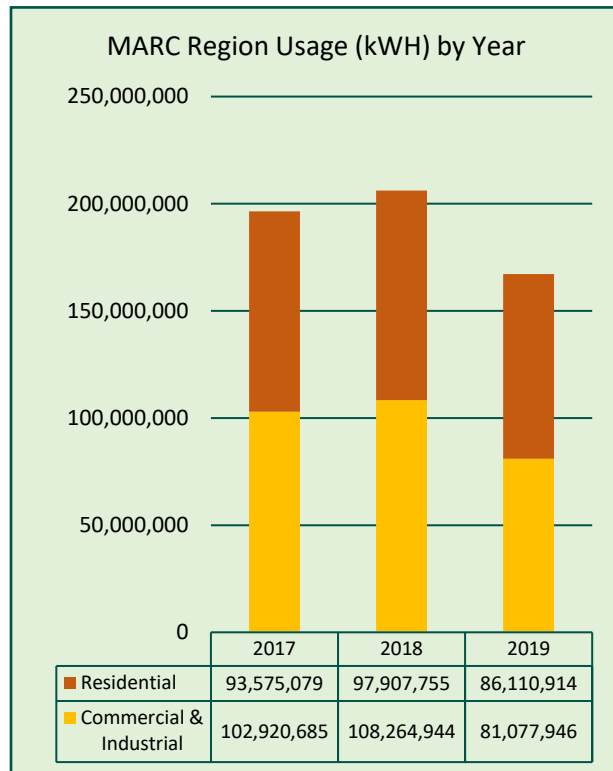
Selected Energy Data – Mount Ascutney Region and West Windsor

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 & West Windsor Electricity Usage

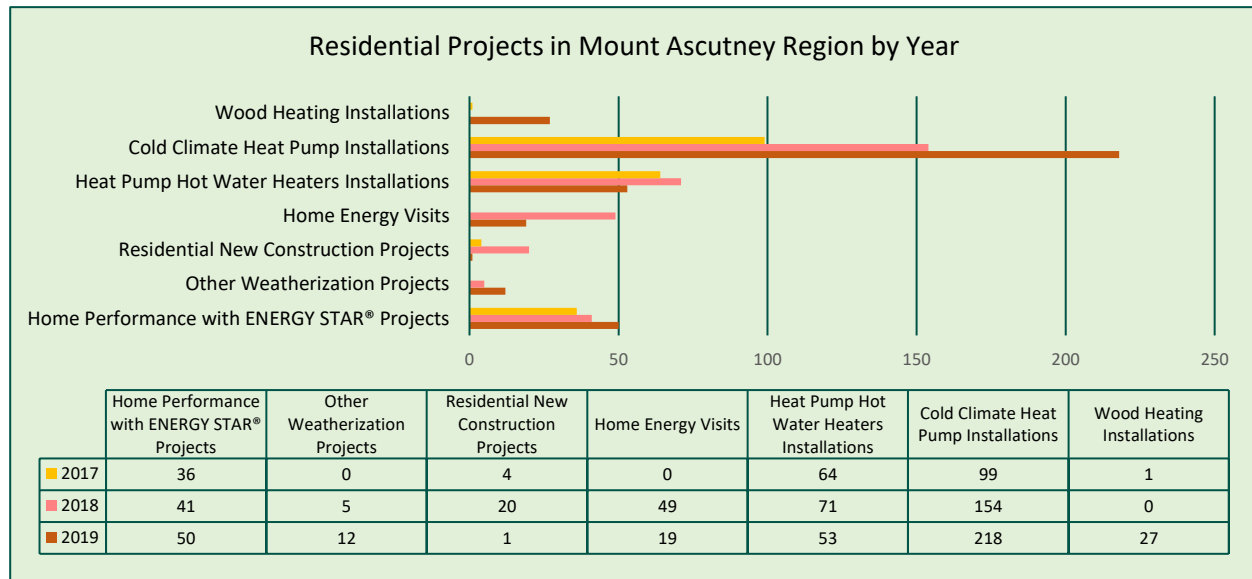
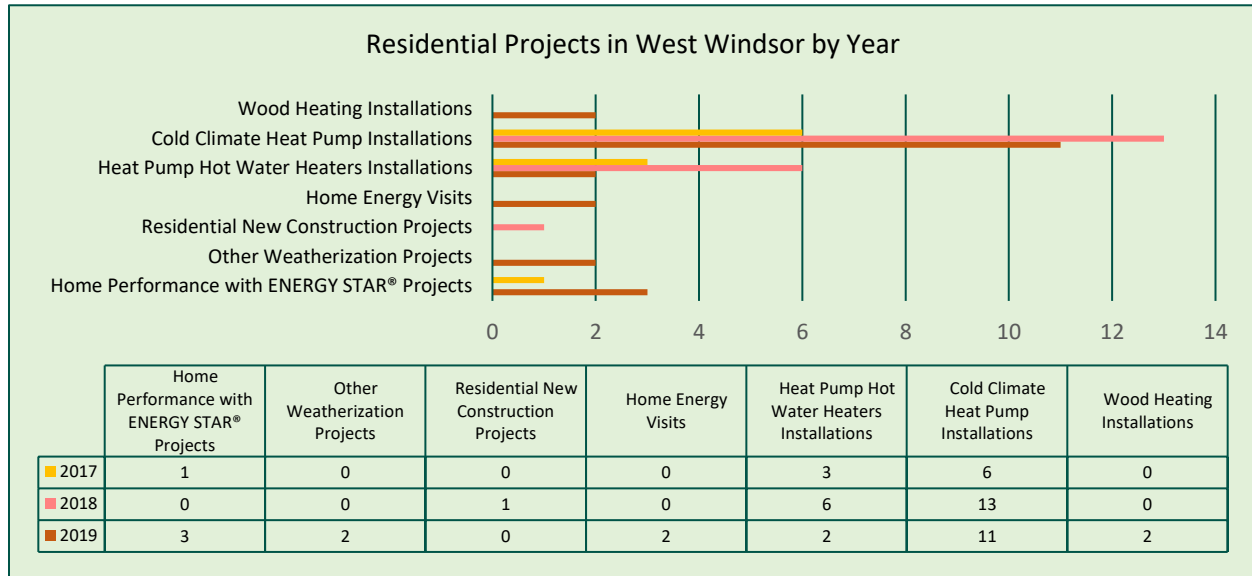


Electricity usage in West Windsor has remained relatively stable compared to the sudden drop in usage in 2019 seen in the region as a whole. While residential and commercial & industrial usage are relatively equal in the region, West Windsor’s usage skews heavily towards residential uses.



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Participation in Efficiency VT Programs

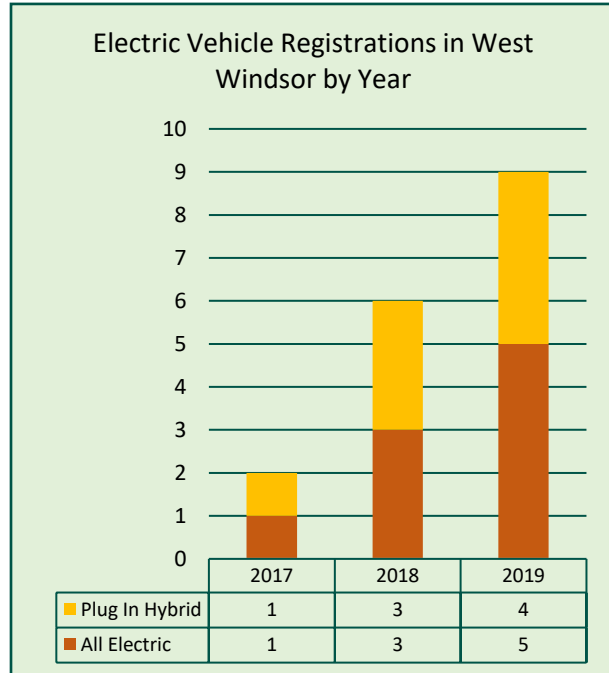


The most popular residential energy efficiency projects in West Windsor have been cold climate heat pump and heat pump water heater installations. Low participation in Efficiency Vermont’s free home energy visits between 2017 and 2019 may point a way forward to more widespread use of Efficient Vermont 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 West Windsor 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 West Windsor is no exception. Electric vehicle and plug in hybrid adoption has begun to accelerate in West Windsor, but it is too early to see if this trend will continue.

