

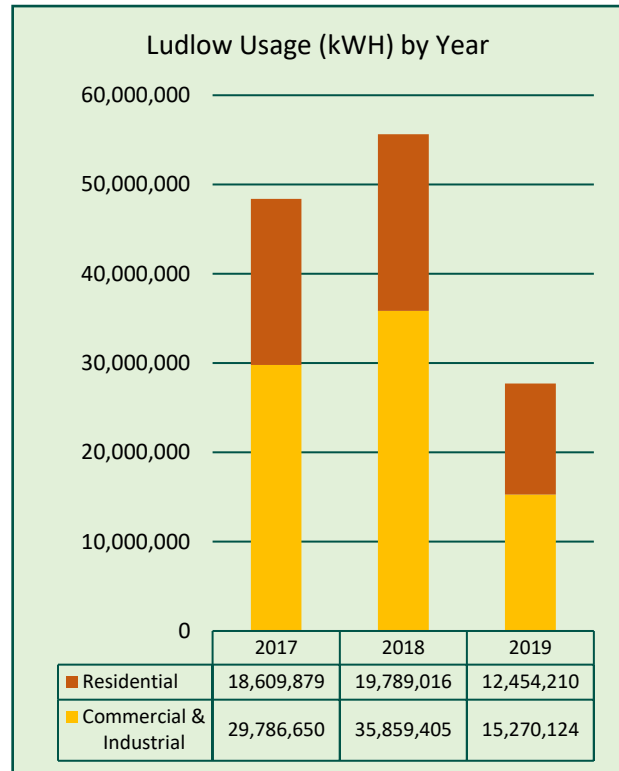
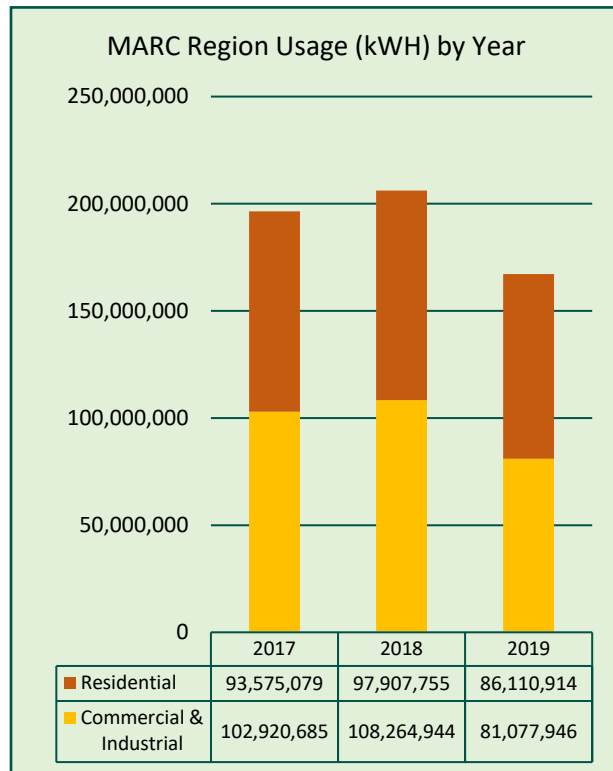
Selected Energy Data – Mount Ascutney Region and Ludlow

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 & Ludlow Electricity Usage

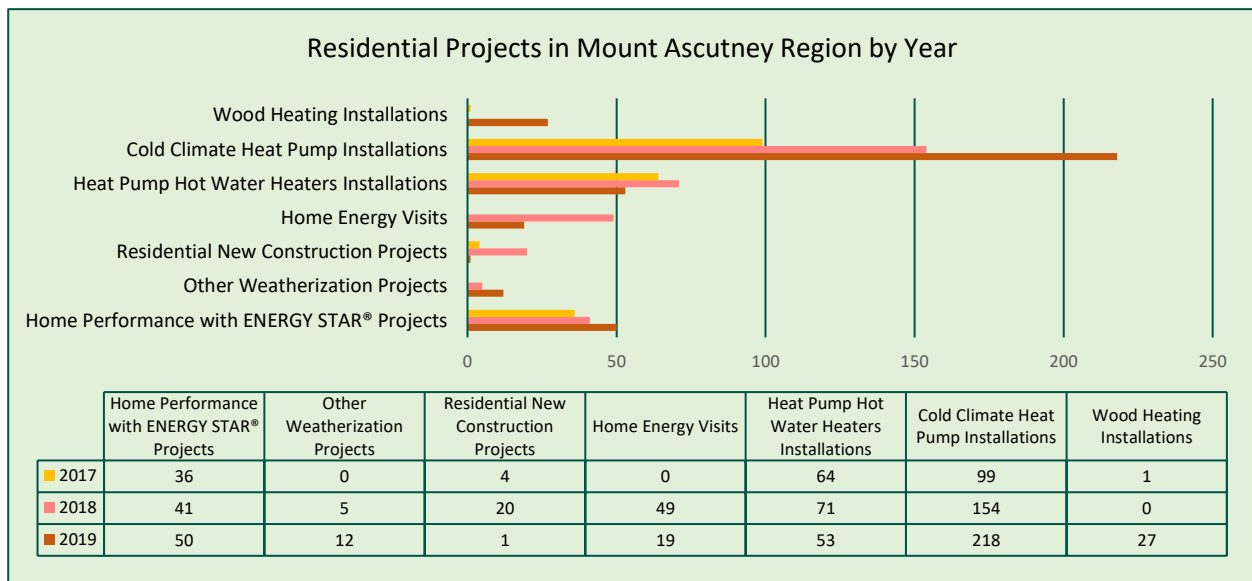
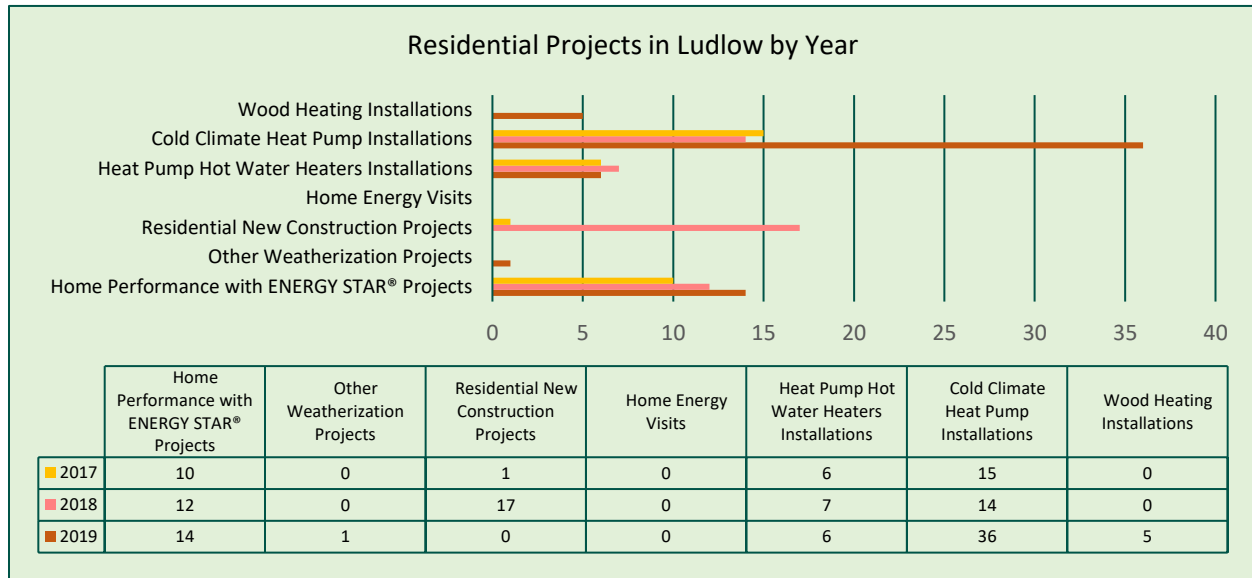


Electricity usage in Ludlow dropped dramatically in 2019 compared to previous years. This decline accounts for much of the usage drop for the entire region over the same time. While residential and commercial & industrial usage both fell, Ludlow’s commercial & industrial usage fell by more than half in 2019, accounting for most of the reduction in electricity use.



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Participation in Efficiency VT Programs

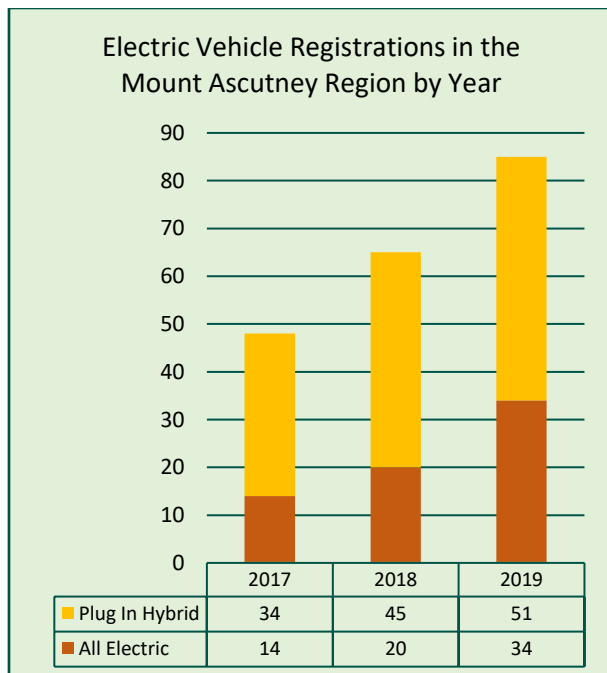
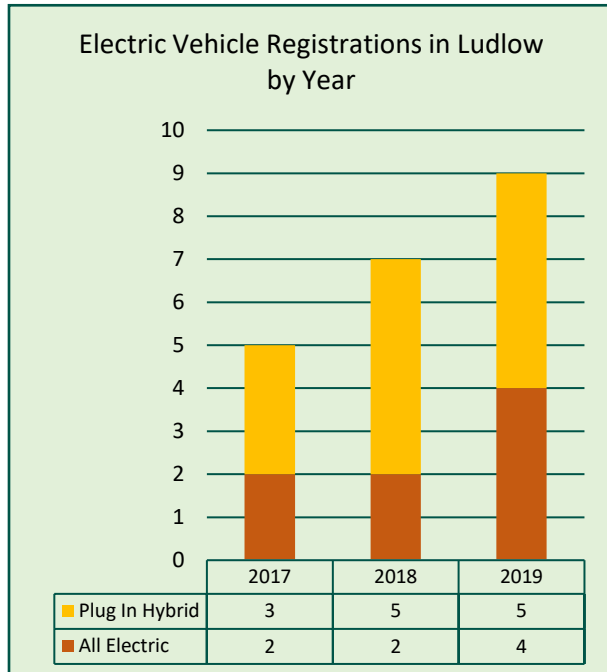


The most popular residential energy efficiency projects in Ludlow have been cold climate heat pump and heat pump water heater installations. The increasing number of ENERGY STAR home weatherization projects is also a positive trend. That no one in Ludlow has taken advantage of Efficiency Vermont’s free 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 Ludlow 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 Ludlow is no exception.