

ENERGY COMMITTEE

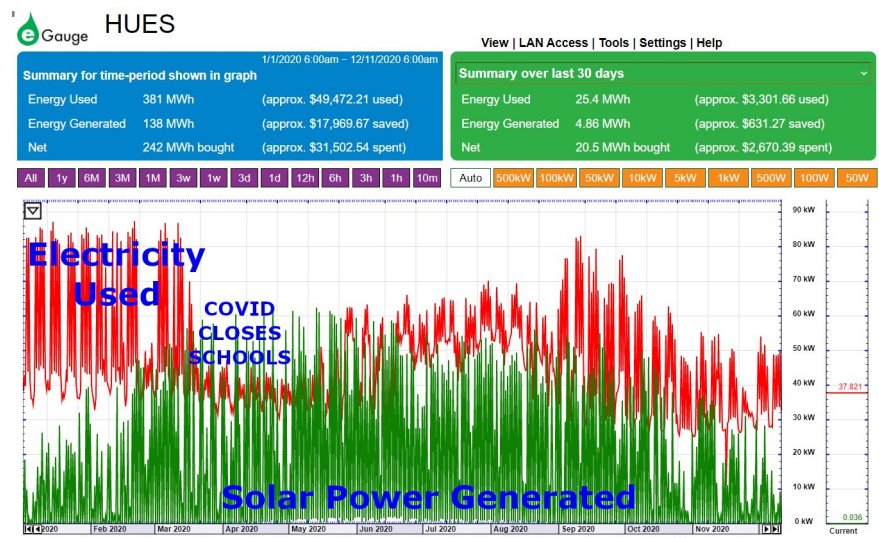


The Hollis Energy Committee (HEC) was formed in 2009 with the goal to “promote energy conservation and efficiency through sustainable energy practices throughout the Town of Hollis”. Throughout the history of the HEC the committee actively saves Hollis taxpayers’ money and moves the town toward a sustainable energy future. The HEC meets on the second Thursday of the month in the Town Hall at 4pm or as posted on the town web site. The HEC tracks the energy data on sixteen Hollis town buildings via the Energy Portfolio Manager at [HTTPS://PortfolioManager.EnergyStar.gov](https://PortfolioManager.EnergyStar.gov). The HEC uses this data to target energy efficiency improvement recommendations.

COVID-19 has impacted the HEC’s ability to execute on our energy efficiency projects. School buildings have wisely placed the priority on ventilation ahead of energy savings. We look forward to 2021 where we can once again operate the HVAC systems in a normal manner with a balance of comfort and energy savings. The cancellation of Hollis Old Homes Days (HOHD) and any in-person gatherings has limited our outreach efforts.

ENERGY MONITORING

The HEC has installed electricity energy monitors at HUES, HPS, HBMS, HBHS and Town Hall. We’ll use this data in 2021 to perform Energy Treasure Hunts to look for improvements in energy efficiency and consumption. The chart shows the energy use of the building dropped when COVID closed the school and the build was no longer occupied. In November both HPS and HUES were upgraded to LED lighting which we will be able to measure the impact in the coming months. The two solar PV systems on the Hollis schools generated 280MWhr in 2020 saving SAU41 \$63,812 in electricity costs and yielding payback of about 7 years.



LED STREET LIGHTING & HBMS GREENHOUSE

Street lights in Hollis were upgraded to LEDs initiated by the HEC and completed by the DPW and lighting contractor Affinity. The new LED street lights use 1/3rd the energy and save about \$900/mo for a projected annual savings of \$11K. The HEC and HB Rotary club completed installation of the HBMS Greenhouse solar demonstrator & environmental sensors for use in STEM classes. Students will be planting herbs to sell at HOHD and are growing vegetables and flowers.

HOLLIS ENERGY COMMITTEE MEMBERS

The Hollis Energy Committee consists of 7 regular members and 2 alternates. A minimum of 4 members constitute a quorum to conduct a meeting. The DPW director and Town Admin are members per BOS.

Eric Ryherd, Chairman
JW Brooks
Woody Hayes
Eitan Ziera
OPEN, Alternate
Lori Radke, Town Administrator

Mike Leavit, Secretary
Paul Happy
Venu Rao
Adam Jacobs, Alternate
Joan Cudworth, DPW Director
Paul Armstrong, Select Board

Respectfully submitted,

Eric Ryherd

Hollis Energy Committee, Chair