



## **2015 Year End Report**

Hollis Energy Committee (HEC) has a full slate of nine members this year with Eric Rhyherd joining in January, new Hollis Town Administrator Kim Galipeau joining in September to replace outgoing Town Administrator Troy Brown and Paul Happy joining in October. Now we have strong, talented committee members with diverse backgrounds that complement in achieving Energy Committee objectives. The Team:

1. **Kim Galipeau (Hollis Town Administrator)**
2. **Stacy Diamantini (Facilities Energy Management)**
3. **Christine Furman (NH Assembly Member – Retired)**
4. **Paul Happy (VP operation with Socore Energy)**
5. **Woody Hayes (Pilot, Jet Blue Airlines)**
6. **Chris Heiter (Executive, Hitachi)**
7. **Mike Leavitt (Program Manager, Lockheed-Retired)**
8. **Venu Rao (Program Manager, Lockheed – Retired)**
9. **Eric Ryherd (Computer Engineer & Entrepreneur)**

Hollis Energy Committee is in the second phase of its Energy Plan: Developing Sustainable Energy Strategies for Town's municipal and school buildings. To help advance our objectives, we have created a Bio-Fuel Subcommittee headed by Mike Leavitt and Solar Energy Subcommittee headed by Woody Hayes and an Out-Reach Subcommittee headed by Stacy Diamantini.

Presently we are exploring the sustainable energy sources for hot water, heating and electricity. To meet that goal, we have replaced the end of life systems, oil-based system in Town Hall and Gas based system in Police Station, with wood pellet systems at a cost less than what it would have cost the Town if we replaced them with newer but same oil based and gas based systems. This also helped cut the fuel budgets for those two buildings in almost half. In addition, every dollar we are going spend on wood pellets this year forward is staying in New Hampshire helping local economy and local jobs.

With a grant from NH Wood Energy Council we have conducted a Feasibility Study of wood chip based Central District Heating system for Hollis School Board buildings. With the help of \$2500.00 grant from New England Grass roots Environmental Fund (NEGEF), we have also conducted a feasibility study of wood chip based Central District Heating system for COOP School Board school buildings (High School and Middle School). Hollis Energy Committee has also developed a Life Cycle Cost (LCC) model for PV Solar Systems to help with our Town's electrical energy needs. Since the two school buildings of Hollis School Board and two school buildings of HB COOP School Board consume 86% of the electricity in Town of Hollis, any renewable energy solutions to generate electricity will greatly benefit the Hollis taxpayers.

Based on highly encouraging conclusions from the wood chip based Central District Heating system Feasibility Studies, very forward-looking Hollis School Board is committing to:

1. An in-depth project plan to develop a Central District Heating system and,
2. As a pilot project, a 100KV Photo Voltaic Solar array

HEC Out-Reach Subcommittee has updated the web site, organized a HEC Booth at Hollis Old Homes Day, and conducted an Energy Workshop for citizens of Hollis, Brookline and Milford. Planning on four more Energy Workshops in the coming year.

Hollis Energy Committee Members also attended and contributed to the NH Local Energy Solutions Conference in Concord, NH in the month of March. At the New England Grassroots Environmental Fund (NEGEF) tenth anniversary celebrations at Berklee College of Music in Boston, Town of Hollis was represented as one of the three model towns in New England Area out of the hundreds of the towns and municipalities that NEGEF has supported.

You may watch the video: <https://www.youtube.com/watch?v=1cCswj-knd4>