

2010 ANNUAL REPORT OF THE JAFFREY ENERGY COMMITTEE

Noteworthy Energy Committee developments in 2010 included the following:

Carbon/Energy Challenge: In December 2010, the Select Board approved the Energy Committee's recommendation that the Town participate in a town-wide Carbon/Energy Challenge in competition with Rindge and perhaps with other towns. In doing this, Jaffrey is joining in the New England Carbon Challenge, a joint project of the University of New Hampshire and Clean Air-Cool Planet. In this project, all Jaffrey households will be encouraged to use an on-line household energy planning tool. Any Jaffrey resident may go to this tool at www.myenergyplan.net. Logging-in and going through the energy assessment and planning process enabled by the tool will ensure that the household is counted in the competition with Rindge. Reportedly, average savings for all households participating across the state in this Challenge have been about \$700 per household per year. The town with the greatest percentage of participating households over a three month period will be the winner of the competition –the winning town will then enjoy a donated ice cream social in celebration of its victory. Individual prizes for participation may also be available. Details for Jaffrey's participation in this Challenge will be announced early in 2011.

Streetlights: As a result of the work of the Town's Ad Hoc Street Lighting Committee, which functioned with the full support and participation of the Energy Committee, 71 of the Town's 222 streetlights were removed in 2010 and the remainder (except the vintage lights in historic Jaffrey Center) were converted in 2010 to more energy and light efficient 70 watt metal halide lamps. These removals and conversions will save the Town about \$24,000 per year.

Town Buildings Energy Audits: In late 2009, the Energy Committee facilitated a successful grant application by the Town for energy audits of all of the Town's buildings: a grant of \$16,250 was awarded to the Town for this purpose by the state's Public Utilities Commission from the state's Regional Greenhouse Gas Emissions Reduction Fund. The resulting audit, completed in 2010 by Margaret Dillon, of Sustainable Energy Education Demonstration Services (SEEDS), has identified a broad range of energy-saving opportunities. The report may be reviewed on the Energy Committee's page on the Town's web site. Implementation actions based on this report were under review as of the end of 2010. (A grant application for energy improvements at the Town Offices building, submitted early in 2010 on the basis of a 2009 pro bono energy audit, was not successful.)

Pellet Boiler: The Town successfully installed in 2010 a pellet boiler at the Town's wastewater treatment facility.

Events: The Committee's volunteers organized and staffed display tables at the 2010 Town Meeting and at Riverfest. Compact fluorescent bulbs, donated by PSNH, were distributed at the Riverfest event.

Goals and Objectives: The purposes to be served by the Committee are set forth in Article II of its By-Laws as follows: "The Jaffrey Energy Committee, acting as advisor to town officials, the schools, businesses and residents on energy matters, will seek to encourage energy conservation and sustainability (and to save money wherever possible) through the wise use of energy, giving special attention to minimizing carbon dioxide emissions, fossil fuel dependency, and wasteful energy consumption while maximizing clean renewable energy use. Among numerous critical energy challenges and opportunities, the Committee shall advocate: reduction of energy and environmental waste through smart recycling; reduction of carbon and other harmful fuel emissions through technological innovations and through shifts to alternative energy sources that minimize fossil fuel dependency; reduction of costs of residential, commercial and town lighting through elimination of unnecessary lighting, use of low energy lighting

sources, and good lighting management practices; reduction of heating and air conditioning costs in buildings by maximizing energy conservation and efficiency and other performance factors; increase of energy efficiency through reformed building and property development codes; collaboration with other local, state and national organizations, including other town energy committees, to advance the above-stated purposes.”

Committee organization: Members of the Committee at the close of 2010 were Richard Ames (Chair), Doug Clayton, Margaret Dillon, Andy Jones, Bonnie Mitchell, Rob Stephenson, Douglas Starr, and Harry Young (Vice-Chair). The Committee encourages all those interested in participating in the work of the Committee to come to the Committee’s meetings (times and locations are posted) or to contact its Chair for further information. Minutes of the Committee’s meetings, as well as related notices, reports, documents and links, are posted at the Committee’s page at:

www.town.jaffrey.nh.us/Committees/Energy/JECHome.html .

Respectfully submitted for the Jaffrey Energy Committee by,

Richard Ames, Chair