

Featured Article:

From Trash... to Gas... to Power!



The Colebrook Municipal Landfill is producing clean, renewable energy via a process that captures methane from the decomposing refuse, cleans it and pipes it to an electric generator that is providing enough electricity to meet the needs of about 600 homes.

One town's trash is yielding renewable energy treasure in northern New Hampshire.

The Colebrook Municipal Landfill stopped landfilling trash in 1993. Now, it's producing enough electricity to power about 600 homes. New Hampshire Electric Co-op is purchasing that power, as well as the Renewable Energy Certificates (RECs) it creates as part of its expanding portfolio of renewable energy.

Landfill gas-to-energy projects tap the methane produced by decomposing trash to power a generator, which produces clean, renewable electricity.

As part of its partnership with the Town

of Colebrook and project owner PPL Renewable Energy, the Co-op designed and built over three miles of electric line to transmit power produced at the site to the Co-op's Colebrook substation located off Route 3.

"Our partnership with the Town of Colebrook and PPL Renewable Energy is another step in our effort to diversify our power supply, support the growth of renewable energy in New Hampshire and meet our long-term goal of procuring 25 percent of our power supply from a renewable source by 2025," said Fred Anderson, president and chief executive officer of NHEC.

Get Into Hot Water With Marathon Water Heaters

The Co-op is New England's largest seller of ultra-efficient Marathon water heaters. With its durable plastic construction and Envirofoam™ insulation, the Marathon is one of the most energy efficient electric water heaters on the market.

It's also warranted not to leak for as long as you own your home. Marathon offers this no-leak promise because of its superior, non-metallic PermaGuard tank construction - a seamless blow molded polybutylene tank with a filament wound fiberglass outer tank for maximum strength. NHEC stocks 30-105 gallon tanks, in 3800 watt elements. Fifteen and 20 gallon tanks are available via special order.



Co-op members can take advantage of discounted pricing and take delivery at any one of nine convenient locations across the state. For more details and pricing, visit nhec.coop, or call Co-op Member Solutions at 1-800-698-2007.

Co-op Bell Ringers Helped Raise \$3,578

A dozen employees of New Hampshire Electric Cooperative (NHEC) volunteered their time to help raise \$3,578 for the Salvation Army of Laconia.

The employees collected donations totaling \$1,789 over just two days outside the Wal Mart store in Plymouth. That amount was matched by the NHEC Foundation, which is supported by NHEC members who agree to have their monthly electric bill rounded up to the next dollar and contributed to the Foundation.

This is the eighth year NHEC employees and their families have "stood kettle" during the holiday season for the Salvation Army.

Co-op Classifieds

- Buy or sell online
- Ads are free to Co-op members
- No limit to number of ads
- Local ads, global audience

WWW.NHEC.COOP

New Incentives for Underground Service

Changes that took effect on the first of the year to the NHEC Terms & Conditions are aimed at simplifying the process of connecting to the Co-op's distribution system while encouraging the installation of underground service.

In the wake of the December 2008 ice storm that caused unprecedented damage to overhead wires and poles, NHEC has created financial incentives for members building new homes and businesses to bury the wires that lead from the nearest pole to their property.

Prior to January 1, 2010, new members connecting to the Co-op's system were charged the "estimated cost" to extend service to the property, minus an \$1,800 construction allowance. This charge applied to all construction, regardless of whether the service was installed overhead on poles or in underground conduit. Since the new year, NHEC has adopted an "average cost" formula that charges members \$20.07 per foot for both overhead and underground construction. However, overhead service is given a 100-foot allowance while underground service is given a 250-foot allowance.

By switching to a per foot "average cost" formula, members will have a better idea of what to expect for new construction costs. Complete details are available in the NHEC Terms and Conditions, which is posted online under the Rates and Tariff menu at www.nhec.coop.



Watts Happening

Board of Directors Meetings

The NHEC board of directors regularly meets on the last Tuesday of each month at the cooperative's headquarters in Plymouth. Please check the Board of Directors page on the Co-op website at www.nhec.coop, or call Sharon Yeaton at (603) 536-8801 to confirm the current month's meeting time and location.

Rate Changes

A slight increase in the Delivery Charge portion of your bill and a slight decrease in the Stranded Cost charge portion of your bill have resulted in an overall monthly increase of 8 cents for the typical residential member using 500 kWh per month.

DOE Statement on Non-Discrimination

Because New Hampshire Electric Co-op (NHEC) has been selected to receive Department of Energy Federal financial assistance for the implementation of its Automated Metering Infrastructure (AMI) project, federal regulations require the publication of the following statement, which is also posted on the NHEC website (nhec.coop):

Federal civil rights laws prohibit recipients of Department of Energy Federal financial assistance (such as state and local governments, universities, non-profit and private organizations) from discriminating on the basis of race, color, national origin, sex, disability, or age, or from retaliating against any person that files a complaint. Generally, employees and beneficiaries of agencies or organizations that receive funding from the Department of Energy are protected by these laws.

You can learn more about these civil rights laws at www.civilrights.doe.gov.

To receive more information, or to report discrimination under any program or activity funded by the Department of Energy, write to:

*Director
Office of Civil Rights and Diversity
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington DC 20585
Tel. (202) 586-2218
TDD: (202) 586-5329*

2010 Social & Environmental Responsibility Programs

NHEC is again providing incentives for residential and commercial members to invest in renewable energy systems and energy efficiency improvements that save money and reduce carbon emissions. Below are highlights of the 2010 programs; complete details are available online at nhec.coop, or by calling Member Solutions at 1-800-698-2007. Rebates and program eligibility are available on a first-come-first served basis.

Home Energy Audits and Rebates on Efficiency Measures

NHEC will again offer home energy audits for qualified members and rebates of up to \$4,000 towards the cost of installing recommended energy efficiency improvements. On-bill financing available for qualified members.

Heat Pump Rebates

NHEC will offer rebates of up to \$4,000 on the installation of Low Temperature Heat Pumps, Hybrid Heat Pumps, Geothermal Heat Pumps and Heat Pump Water Heaters.

Solar Hot Water Rebates

NHEC will offer a limited number of rebates of up to \$1,500 on the installation of qualified solar hot water systems. This program is intended as a bridge to the State of New Hampshire's solar hot water rebate program, which is expected to be operational later this year.

Commercial & Industrial Fossil Fuel Savings

NHEC will offer Commercial and Industrial members rebates of 50% of the installed cost (up to \$5,000) on projects that save fossil fuel. Typical installations will include boilers, boiler controls and insulation.



For member service
please call
1-800-698-2007
Monday-Friday, 8-5:00
or visit us online at www.nhec.coop

To report an outage
please call
1-800-343-6432

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