



TC Light & Power Energy Smart Program SM



2009 Annual Summary Report for the Energy Optimization and Renewable Energy Plan

A new state law aims to help Michigan residents reduce their energy needs. Public Act 295, also known as the “Clean, Renewable and Efficient Energy Act,” requires Traverse City Light & Power (L&P) to assist their customers in gaining greater electric energy efficiency through Energy Optimization programs.

This report summarizes L&P’s efforts for 2009. Copies of the complete 2009 annual reports for both Energy Optimization and the Renewable Energy Plan are available at our Customer Service Desk in the Governmental Center (400 Boardman Ave.) and on our website: www.tclp.org.

Energy Optimization

In 2009, L&P created an Energy Optimization program called the *TC Light & Power Energy Smart Program*SM. Among other things, it allowed L&P residential customers to participate in two programs to save energy:

1. Energy Saving Lighting: Discount incentives were offered through local retailers for purchasing Compact Fluorescent Light (CFL) bulbs as well as discounts toward the purchase of LED holiday light sets. A free CFL bulb giveaway program was also conducted.
2. Refrigerator/Freezer Turn-in and Recycling Program: L&P arranged with a contractor to pick up and recycle older, inefficient refrigerators and freezers. Each participating customer received a \$60 incentive.

Additionally, L&P offered energy efficiency assistance to other customers:

- For low-income residents, the Energy Optimization - Weatherization Assistance Program provided free compact fluorescent bulbs and refrigerators to low-income homeowners to help them reduce their energy bills. The program was available to customers whose household income was at or below 200% of the federal poverty guidelines.
- Business customers could apply for incentives for upgrading existing equipment for greater efficiency, which saves energy. Incentive examples include: lighting, motors, air conditioners, occupancy controls and food service equipment.

To read the entire *TC Light & Power Energy Smart Program* overview, visit our website: www.tclp.org



In 2010...

L&P residential customers can receive CASH BACK incentives when installing ENERGY STAR® qualified air conditioning units, dehumidifiers and furnace upgrades! See: www.tclp.org/energy-smart



FREE 3-Pack of 19-Watt CFL Bulbs (Equivalent to a 75-Watt incandescent bulb)



Coupon redeemable only at the TC Light & Power Service Desk, 400 Boardman Ave. (Governmental Center) Traverse City, MI

Name:*

Address:*

*Required information. Coupon expires Sept. 30, 2010. Limit one coupon per ratepayer household or business. No cash value. **FREE CFL Bulb Recycling Centers** - See other side.

Renewable Energy

In addition to helping Michigan residents become more energy-efficient, the Clean, Renewable and Efficient Energy Act also requires Michigan utilities to acquire more renewable energy – sometimes called “green” or “clean” energy.

Light & Power’s efforts to date to meet state-mandated renewable energy goals include:

- A long-term agreement to buy electricity that is generated from wind. When this generation begins in the third quarter of 2010, L&P will generate more wind energy proportionally than any other utility in Michigan. L&P powers about 2,200 Traverse City area homes with this form of renewable energy.
- A long-term agreement to buy electricity that is generated from landfill gas. When this generation is fully operational, L&P will power about 1,500 Traverse City area homes with this form of renewable energy.
- Owning and operating the country’s largest utility grade wind turbine when it was installed in 1996. At 600 kW, it is small in comparison to today’s larger units but nevertheless, on average, L&P powers about 80 Traverse City area homes with this unit.

For the 2009 reporting period, L&P generated 484 megawatt hours of renewable energy. During that timeframe, L&P’s average renewable energy was approximately 0.15% of its total retail electric generation. State law requires utilities to have 10% renewable energy by 2015.

Cost to customers

- The 2009 itemized monthly charge for a residential customer for the renewable energy program requirements under PA 295 was \$0.00.
- The 2009 itemized monthly charge for a residential customer for the energy optimization program as required under PA 295 was \$0.00.
- The average electric residential customer is expected to save \$2.92 each month of the Energy Optimization program’s life.
- For the average Michigan residential customer, renewable energy is estimated to avoid \$3.90 per month of new coal-fired generation costs.
- The Michigan Public Service Commission’s annual report on renewable energy can be viewed at the following website: <http://www.michigan.gov/mpsc>

The new wind turbines at Heritage Stoney Corners Wind Farm.

L&P proudly serving our community for



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TRAVERSE CITY
LIGHT & POWER

Investing Our Energy In You

See the *Energy Advisor* & *TC Light & Power Energy SmartSM* program at:

www.tclp.org

Recycle CFL Bulbs for FREE at:

- **Local Maxbauer ACE Hardware stores:**
Acme 3597 Bunker Hill Rd. 938.2021
Traverse City 734 West Front St. 946.2140
Traverse City 4106 US 31 S. 943.8288
- **The Lighting Center:** Traverse City 144 Hall St. 941.5414
- **Grand Traverse County Public Services Building:**
Traverse City 2650 LaFranier Road

L&P will be buying all electric power generated by 5 new wind turbines at Heritage Stoney Corners Wind Farm near Cadillac.

