



## 2015 Annual Summary for the Energy Optimization and Renewable Energy Plan

Each year, under the “Clean, Renewable and Efficient Energy Act,” also known as Public Act 295, Michigan utilities are required to assist customers in improving electric energy efficiency through Energy Optimization programs, increase the amount of renewable energy in the utility’s generation portfolio and provide an annual summary to customers showing the results of these efforts.

### Energy Optimization

In 2015, TCL&P saved over 2.73 million kilowatt hours of electricity through the TC Light & Power Energy Smart Program™, exceeding the state-mandated goal by 4.8% and saving enough electricity to power approximately 420 Traverse City area homes for an entire year.

The program offered many opportunities for customers to save energy and money. Those opportunities included:

- Incentives for purchasing ENERGY STAR® appliances, high efficiency HVAC systems and LED light bulbs.
- Incentives for recycling old, inefficient refrigerators, freezers, room air conditioners, and dehumidifiers.
- Business customers were offered incentives for upgrading to equipment with greater energy efficiency, including lighting, motors, air systems, refrigeration, HVAC units, and building management systems.

This year, TCL&P contributed to the installation of wind and solar streetlights near West End Beach as part of an energy efficiency pilot project. TCL&P also continues to be a proud partner in the Habitat for Humanity Net-Zero Depot Housing Project.

*To learn more, see the Energy Smart section of TCL&P’s website at [www.tclp.org](http://www.tclp.org).*



### Renewable Energy

Public Act 295 also required Michigan utilities to acquire 10% renewable energy by 2015. For the 2015 reporting period, TCL&P acquired 36,207,535 kilowatt hours of renewable energy, which equates to 11% of the utility’s total electric sales. TCL&P anticipates this percentage to continue to rise with the increase in landfill gas energy production and additional purchase commitments in renewable energy producing projects.

TCL&P is currently acquiring its renewable energy from the following sources:

- **Wind.** In 2015, the energy produced from the Heritage Stoney Corners Wind Farm was equivalent to powering approximately 4,383 Traverse City area homes for an entire year. The energy produced from the M-72 Wind Turbine was equivalent to powering 64 Traverse City area homes for an entire year.
- **Landfill Gas.** In 2015, the energy produced from the Granger and NANR Landfill Gas Facilities was equivalent to powering approximately 1,452 Traverse City area homes for an entire year.

TCL&P also recently entered into a power purchase commitment with the Michigan Public Power Agency for an additional 3.6 MW of wind energy located in the thumb area of Michigan. The project is expected to be completed and operational by the end of 2018.

### TCL&P Mission

To provide the Public Power benefits of safety, lower rates, high reliability, local control, and exceptional customer service to the City, its residents, and all TCL&P customers.

## SCAM ALERT

*Traverse City Light & Power is once again warning residents and business owners regarding phone scams to collect payment, current or past due. The scammer's identity can take many forms, but the message is always the same, pay now or your service will be disconnected. TCL&P will NEVER attempt to collect payment this way. Should you receive a call requesting payment, hang up the phone and call Customer Service or the local police department to report the incident. DON'T give out personal or financial information, including your utility account number. REMEMBER, we are here to assist our customers. This will not be done using aggressive or threatening tactics.*

## Cost to Customers

TCL&P currently does not apply a separate monthly charge to its customers for either the Energy Optimization or Renewable Energy program expenses as allowed by Public Act 295.

- The 2015 itemized monthly charge to a residential customer for implementing the **Energy Optimization** program requirements was \$0.00 per month.
- The average electric residential customer is expected to save \$4.04 each month of the **Energy Optimization** program life.
- The 2015 itemized monthly charge to a residential customer for implementing the **Renewable Energy** program requirements was \$0.00 per month.
- For the average Michigan residential customer, **renewable energy** is estimated to avoid \$3.15 per month of new coal-fired generation costs.

The Michigan Public Service Commission's annual reports on energy optimization and renewable energy can be viewed at the following website: [www.michigan.gov/mpsc](http://www.michigan.gov/mpsc).

## Crew Spotlight

Crews have been working hard throughout the summer to replace roughly 310 utility poles that were identified as testing below the required safety threshold. This work is part of TCL&P's Pole Replacement Project that began in 2014 to increase reliability to our customers while ensuring safe operations. A total of 7000 poles were tested.



Pictured are Line Workers Jim Farrington, Cody Gidner and Corey Schichtel replacing a pole between Boyd Avenue and Lincoln Street. Installation of each pole takes approximately four hours. Once all the poles have been replaced, TCL&P crews, along with the cable and telephone companies, will begin transferring the lines in order to remove the old poles. The project is expected to be completed by November 2016.



**TRAVERSE CITY  
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Investing Our Energy In You

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Main Office and 24-Hour Service: **922-4940**  
Billing & Account Questions: **922-4431**  
**Now available: Paperless billing!**

See the Home Energy Saver and L&P Energy Smart Program at: [tclp.org](http://tclp.org)



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