

## Energy Optimization

In 2015, the BWL continued to offer its Energy Optimization program, Hometown Energy Savers®. It allows BWL residential electric customers to participate in several programs to save energy.

### Zero Interest Loans for both Residential and Business Customers.

The BWL partnered with Michigan Saves and Consumers Energy to offer zero interest loan rates for energy efficiency improvements such as high efficiency lighting, heating and cooling equipment, and insulation.

**Home Energy Rebates.** By partnering with local retailers and contractors, BWL offered rebates to customers for installing energy efficient products such as lighting, central and/or room air conditioners, dehumidifiers, refrigerators, programmable thermostats and more. For details, visit [lbwl.com/EnergySavers](http://lbwl.com/EnergySavers).

Our **Appliance Recycling** programs offered free pick up and cash rebates for residential customers wishing to recycle older, inefficient refrigerators, freezers, room air-conditioners and dehumidifiers. For the sixth year, BWL joined community partners to host Recycle Rama and Recycle! East Lansing.

**Hometown Energy Savers®** offered efficiency assistance to customers on limited incomes, with BWL free energy kits and the **Hometown Help** energy assessment program that included self-help education and the installation of a variety of high efficiency products.

Business customers could apply for financial incentives for upgrading existing equipment for greater efficiency, which saves energy. Incentive examples include: lighting, air conditioners, occupancy controls and food service equipment.

## Renewable Energy

In addition to helping residents become more energy efficient, the State of Michigan's Clean, Renewable and Efficiency Act requires utilities to acquire more renewable energy - sometimes called "green" or "clean" energy.

The BWL's efforts to date to meet state-mandated renewable energy goals include:

- A long-term agreement to buy electricity that is generated from landfill gas. Currently, the BWL powers more than 13,000 Lansing-area homes with this form of renewable energy.

- Owning and operating both hydroelectric and solar generation facilities.
- The BWL continues to receive wind energy from eight turbines located east of Ithaca in Gratiot County approximately 45 miles north of Lansing.
- Continuing to work with groSolar for the installation of a utility size solar project in the BWL service territory.
- The BWL is also pursuing a Community Solar program with a Michigan-based organization.

For the 2015 reporting period, the BWL generated or acquired 214,461 megawatt hours of renewable energy, including incentives. The BWL has met the 10% renewable energy goal established by Michigan law.



## Cost to Customers

- The 2015 itemized monthly charge for a residential customer for the Renewable Energy program requirements under Public Act 295 is \$0.75 per month for Residential Rate 1 and \$0.50 per month for Senior Citizen Rate 21.
- The 2015 itemized monthly charge for a residential customer for the Energy Optimization program as required under Public Act 295 was \$0.001853 per kilowatt hour.
- The average electric residential customer is expected to save \$3.61\* each month of the Energy Optimization program's life.
- For the average Michigan residential customer, renewable energy is estimated to avoid \$3.08\* per month of new coal-fired generation costs.
- The Michigan Public Service Commission's annual report on renewable energy can be viewed on their website: [michigan.gov/mpsc](http://michigan.gov/mpsc)

\* 2014 data, BWL will release 2015 data as soon as it is available from MPSC.



[www.lbw.com/EnergySavers](http://www.lbw.com/EnergySavers)

# BWL CONNECTIONS

## Report Outages

Power, Downed Line or Streetlight  
877-295-5001

Outage Center  
[lbwl.com/outagecenter](http://lbwl.com/outagecenter)

BWL Mobile App  
[lbwl.com/app](http://lbwl.com/app)

Outage Texting  
898295/txtbwl

Water Main Break  
517-702-6490

## Medical Alert Form

If in-home medical equipment depends on electricity, sign up for our medical alert list. Call 517-702-6006, or go to [lbwl.com](http://lbwl.com) and click on Medical Alert Form.

## Seniors Shut-off Protection

If you are 65 or older, the BWL will not shut off your electricity during the heating season. Call 517-702-6006.

## Military Families

Families with active members of the U.S. Military are protected from shut-offs. Call 517-702-6006.

## Winter Shut-off Protection

Customers having difficulties paying their utility bills may qualify for a winter protection plan. Call 517-702-6006.



LansingBWL



BWLComm

June 2016

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

In 2008, the Michigan legislature passed the "Clean, Renewable and Efficiency Energy Act," also known as PA 295. The goal of the legislation was to help Michigan residents reduce their energy use. The Lansing Board of Water & Light has designed and implemented programs to assist our customers in realizing energy savings as required by PA 295.

This report summarizes the BWL's efforts for 2015. Copies of the complete 2015 annual reports for both the Energy Optimization and the Renewable Energy Plans are available at our Customer Service Department and on our website [lbwl.com](http://lbwl.com).

