

## Energy Optimization

In 2016, 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.

**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 seventh 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.

**Nonprofit Facility Grant Program** helped organizations install energy efficient equipment in their buildings.

By reducing energy costs, more of their budget can go towards the valuable community services they provide.

## 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 meet state-mandated renewable energy goals include:

- A long-term agreement to purchase electricity that is generated from landfill gas.
- Purchase of hydroelectric power located in Cheboygan county.
- Continuing to receive wind energy from eight turbines located east of Ithaca in Gratiot County approximately 45 miles north of Lansing.
- Owning and operating solar generation facilities.
- Continuing to work with groSolar for the installation of a utility size solar project in the BWL service territory.
- Pursuing a community solar program with a Michigan-based organization.

For the 2016 reporting period, the BWL generated or acquired 214,461 megawatt hours of renewable energy, including incentives. The BWL has met the 10 percent renewable energy goal established by Michigan law.



## Cost to Customers

- The 2016 itemized monthly charge for a residential customer for the Renewable Energy program requirements under Public Act 295 was \$0.75 per month for Residential Rate 1 and \$0.50 per month for Senior Citizen Rate 21.
- The 2016 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 \$4.04\* each month of the Energy Optimization program's life.
- For the average Michigan residential customer, renewable energy is estimated to avoid \$3.58 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)

\* 2015 data, BWL will release 2016 data as soon as it is available from the MPSC.



[www.lbwl.com/EnergySavers](http://www.lbwl.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

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## 2016 Annual Summary for the Energy Optimization and Renewable Energy Reports

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 2016. Copies of the complete 2016 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).



BWL General Manager Dick Peffley and Delta Twp. Supervisor Ken Fletcher sit at a Solar Power-Dok picnic table in Sharp Park.