

## BWL Cogeneration Plant “Goes Commercial”

The Lansing Board of Water & Light REO Town cogeneration plant became fully operational on July 1 as part of the project’s “Going Commercial” celebration. “Going Commercial” means a new power plant is providing energy to customers.

“BWL’s REO Town cogeneration plant is among the most clean and efficient in Michigan and the U.S.” said J. Peter Lark, BWL General Manager. “This state-of-the-art cogeneration plant scores a major victory for the environment. We’re proud that the project has been called a ‘game changer’ for economic development in the Lansing region.”

Located at 1203 S. Washington Ave. in Lansing, the \$182 million project – which is on time and on budget, includes a new cogeneration power plant, new headquarters office building, and restored Grand Trunk Western Railroad depot, to be used as a meeting place for the BWL Board of Commissioners.

The cogeneration plant generates up to 300,000 pounds of steam for 225 steam customers in downtown Lansing – replacing the Moores Park Steam Plant and provides 100 percent of BWL’s steam generation, and 100 megawatts of clean and highly reliable electricity – providing 20 percent of BWL’s electric generation.



*BWL REO Town Headquarters and Cogeneration Plant, where 180 employees will work.*

### Natural gas-fired plant is clean and efficient

The plant is BWL’s first power plant built in 40 years. Also, the plant is BWL’s first natural gas-fired electric generating plant, and it’s the BWL’s first cogeneration plant. The combination makes the REO Town plant among the most cleanest and efficient that will be operating in Michigan and the U.S.

This state-of-the-art cogeneration plant scores a major victory for the environment in mid-Michigan. It is a cleaner, greener and more energy-efficient facility than the coal-fired facilities it replaces, allowing the BWL to:

- Slash greenhouse gas emissions by 50 percent.
- Eliminate the need to burn 351,000 tons of coal.
- Lower mercury and SO<sub>2</sub> (sulfur dioxide) emissions by over 99 percent, and NO<sub>x</sub> (oxides of nitrogen) by over 85 percent.



*More than 250 guests joined BWL General Manager J. Peter Lark (second from right) in starting the cogeneration plant, including: (left to right) Mayor Virg Bernero; Congressman Mike Rogers; BWL Commissioner Chair Sandra Zerkle; U.S. Senator Debbie Stabenow; and (far right) BWL REO Project Manager Dick Peffley.*



*Public tours of the REO Town facility highlighted the cogeneration plant grand opening.*

### Combined-cycle cogeneration

A combined-cycle cogeneration facility uses natural gas to generate steam and electricity in a two-step process. First, a gas turbine burns natural gas to directly turn an electric generator. It then captures the hot exhaust to produce steam, which can be delivered to steam heating customers or used to turn a second electric generator. Since two products are produced from one fuel source, this is the most efficient thermal process by which to generate energy.

Since the decision was made to build the power plant, natural gas prices have fallen dramatically further reducing costs to fuel the plant.

*Cont’d on page 2*

#### Report Outages

Power or Streetlight  
1-877-295-5001

Water Main Break  
517-702-6490

SeeClickFix.com

#### Medical Alert Form

If in-home medical equipment depends on electricity, sign up for our medical priority list. Call (517) 702-6006, or go to [www.lbwl.com](http://www.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. For details, call (517) 702-6006.

#### Low-Income Families

You may qualify for a winter protection payment plan. Call (517) 702-6006.



**BWL Cogeneration Plant  
“Goes Commercial” cont’d**

**Reo Town was the  
best location**

The 5.3 acre REO Town site was the best location for the new power plant and headquarters because it was closest to BWL’s steam and electric distribution systems. The property contained an asphalt parking lot and the train depot at the time of purchase. The historical importance of the train depot to the REO Town neighborhood led the BWL to restore the depot, which is on the U.S. and Michigan Register of Historic Sites, to its original state as a part of the project.

The BWL also believed developing the site would enhance economic development in REO Town, the city and the region. That combined with the City of Lansing’s \$2.84 million Streetscape improvement project along Washington Ave., which has renewed this transportation corridor, is why the REO Town project has been called “transformational” for the area.

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your lights**

Shopping for new light bulbs or fixtures? Choose ENERGY STAR® qualified products. Benefits of energy-efficient lighting include:

- **Long life:** Compact fluorescent light bulbs (CFLs) last up to 10 times longer than incandescent bulbs. And light emitting diodes (LEDs) can last up to 25 years!
- **Use less energy:** Each bulb can save more than \$40 in electricity costs over its lifetime.
- **Variety:** Efficient bulbs are now available in many color tones and styles.
- **Affordable:** BWL’s Hometown Energy Savers® program offers rebates on energy-efficient bulbs and fixtures.



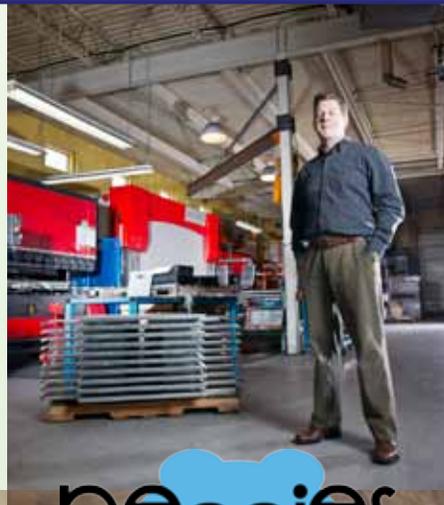
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Lighting Product	Rebate Type	Rebate Amount
CFL spiral & specialty bulbs	Instant in-store	Up to \$1.50 per bulb
CFL indoor fixture	Mail-in	\$15
CFL or LED outdoor fixture	Mail-in	\$20
LED replacement bulb	Instant in-store	Up to \$10
LED replacement downlight fixture kit	Mail-in	\$20
Ceiling fan with ENERGY STAR® light kit	Mail-in	\$15

**“Project LED Conversion” a success  
for Art Van Furniture**

After three years of research into energy-saving lighting and with the help of BWL Hometown Energy Savers® program staff, Art Van Furniture launched “Project LED Conversion,” replacing more than 1,700 incandescent lamps with LED lamps. A year after completion, the project has produced sizeable results in the form of reduced energy usage, less maintenance, better light quality and lower overall cost – not to mention the almost \$18,000 in incentives initially received through the BWL Hometown Energy Savers® program. For more information on how Hometown Energy Savers® can help your business, call 877-NRG-LBWL (877-674-5295) or visit [lbwl.com/energysavers](http://lbwl.com/energysavers).



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- Round my utility bill each month to the nearest dollar and contribute the difference to Pennies for Power
- Please add \$ \_\_\_\_\_ to my bill each month as a contribution to Pennies for Power
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