

## BWL Renewable Resources

Renewable Project	Size MW	Energy MWh
Calhoun	10.0	4,532
Wind - Beebe	19.2	48,313
Wind - Pegasus	68.0	201,088
Solar - Delta	24.0	40,483
Solar - Community	0.3	343
Solar - BWL Owned	0.2	161
Solar - Ranger 1	10.0	20,778
Solar - Ranger 2	70.0	147,940

### 24-HOUR EMERGENCY SERVICE

Power Outage, Downed Line or  
Streetlight Out: 866-710-8222

Water or Steam Emergency: 517-702-6490

BWL Customer Service: 517-702-6006

Residential customers can also report outages using the BWL Outage Center mobile app, available on both Android and Apple based products, or on the Outage Center website, [www.lbwl.com/out](http://www.lbwl.com/out).



Hometown People. Hometown Power.

# Fast Facts 2023

### Who We Are

The Lansing Board of Water & Light (BWL) has provided water, electric, steam and chilled water services to mid-Michigan since 1885. The BWL, Michigan's largest municipally-owned utility, delivers safe and reliable service to residential, commercial and industrial customers.

### BWL Mission

The mission of the BWL is to provide safe, reliable and affordable utility products and services to the Greater Lansing Region. Together, the BWL's Board, management and employees will plan for sustainable growth, be responsible environmental stewards, and be active participants in the Lansing Community's economic and cultural initiatives.

### BWL Values

The BWL values include: exceptional service, competitive rates, safety, community commitment, integrity, inclusion & equity and environmental stewardship.

### Ownership

The Lansing Board of Water & Light is a municipally-owned public utility serving nearly 100,000 electric and 58,000 water customers. The BWL owns and operates two natural-gas fired cogeneration plants, two water conditioning plants, a chilled water plant and has ownership interest in Detroit Edison's Belle River Plant, as well as maintains a robust renewable portfolio.

### The Board of Commissioners

The BWL is governed by the Board of Commissioners, an eight-member panel appointed by the Mayor of Lansing and approved by the Lansing City Council. In addition, customers outside of the City of Lansing are represented on the Board by three Non-voting Advisory Members. The Board of Commissioners serve without pay.

### BWL Commissioners Serving FY 2023

Semone James - Chair	David Price
Sandra Zerkle - V. Chair	Tracy Thomas
Beth Graham	Douglas Jester*
Dusty Horwitt	Larry Merrill*
Deshon Leek	Maggie Sanders*
Tony Mullen	

\* Denotes non-voting advisory member

### General Manager, Dick Peffley

### Customer Service

517-702-6006

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

Call Center Hours:

7am - 5pm, Mon-Fri

Haco Customer Service Center

1232 Haco Dr., Lansing

9am - 4:30pm, Mon-Fri

24/7 Payment Kiosks



Lansing BWL



BWL  
Comm

### Electric Utility (Fiscal Year 2023)

Cust. Class	Customers	Sales (MWh)*	Revenues
Residential	86,769	557,741	\$96,971,867
Commercial	12,222	999,304	\$141,927,435
Industrial	146	432,286	\$54,409,018
Resale		870,478	\$62,951,601
Other		22,859	\$22,531,795
<b>Total</b>	<b>99,137</b>	<b>2,882,668</b>	<b>\$378,791,716</b>

	Res.	Comm.	Ind.
Revenue/kWh	\$0.17	\$0.14	\$0.13
Avg. Mo. kWh	536	6,814	246,739
Avg. Mo. Bill	\$93	\$968	\$31,055

### Electric Generation, Transmission, Distribution

Maximum System Gross Demand (MW)	437.8
Maximum System Net Demand (MW)	418.8
Net Generation (MWh)	1,603,924
Purchased Power (MWh)	1,337,891
Renewable Energy (MWh)	463,638
Overhead Transmission Lines (Miles)	71
Overhead Distribution Circuit (Miles)	2,128
Underground Distribution Circuit (Miles)	1,301
Streetlights	33,617

### Generating Facilities

	MW
Delta Energy Park	260.3
Erickson	162
REO Cogeneration (also provides Steam)	119.7
Belle River (China Township, MI)**	154

\* 1 megawatt (MW) = 1,000 kilowatts (kW); 1 megawatt hour (MWh) = 1,000 kilowatt hours (kWh).

\*\* BWL has a purchase power agreement with MPPA up to 165 MWs

### Water Utility (Fiscal Year 2023)

Cust. Class	Customers	Sales (CCF)*	Revenues
Residential	50,560	2,785,911	\$21,056,591
Commercial	7,017	2,848,814	\$18,383,670
Industrial	82	264,549	\$1,687,103
Resale		2,186,662	\$4,420,717
Other		112,644	\$5,135,685
<b>Total</b>	<b>57,659</b>	<b>8,198,580</b>	<b>\$50,683,766</b>

	Res.	Comm.	Ind.
Revenue/CCF	\$7.56	\$6.45	\$6.38
Avg. Mo. CCF	5	34	269
Avg. Mo. in Gallons	3,740	25,432	201,212
Avg. Mo. Bill **	\$38	\$219	\$1,715

### Water Production, Transmission, Distribution

Average Daily Pumpage to Mains (MGD)***	19.0
Maximum Daily Pumpage to Mains (MGD)	30.6
Maximum Hourly Demand Rate (MGD)	38.3
Annual Pumpage to Mains (MG)	6,944
Distribution of Water Mains (Miles)	814
Water Conditioning Plant Daily Capacity (MGD)	50
Number of Water Wells	123

### Water Quality

Hardness (Parts/Million)	98
Hardness (Grains/Gallon)	5-6
Fluoride (Parts/Million)	0.7
Chlorine, Total (Parts/Million)	2.5
pH	9.4

\* 1 CCF = 100 cubic feet of water = 748 gallons.

\*\* Excludes sewer charges billed from rates set by City of Lansing.

\*\*\* 1 MG = 1,000,000 gallons; 1 MGD = 1,000,000 gallons per day.

### Steam Utility (Fiscal Year 2023)

Cust. Class	Customers	Sales (Mlb)*	Revenues
Residential	6	1,015	\$20,779
Commercial	149	385,379	\$9,483,848
Industrial	1	147,432	\$2,948,163
Other		2,234	\$208,478
<b>Total</b>	<b>156</b>	<b>536,060</b>	<b>\$12,661,268</b>

	Res.	Comm.	Ind.
Revenue/Mlb	\$20.47	\$24.61	\$20.00
Avg. Mo. Mlb	14	216	12,286
Avg. Mo. Bill	\$287	\$5,316	\$245,720

### Steam Production Facilities (Net Capacity)

REO Cogeneration Net Capacity (lb/Hr)	300,000
Steam Mains (Miles)	9.9

### Available Steam Pressure

Low (psi)**	5-15
Standard (psi)	15-125
High (psi)	125-275

### Chilled Water Utility (Fiscal Year 2023)

Cust. Class	Customers	Sales (MTHR)***	Revenues
Commercial	19	9,055	\$6,740,010

Revenue per Ton-hr \$0.74

### Peffley Chilled Water Plant Capacity (Tons) 8,000

\* 1 Mlb = 1,000 pounds of steam

\*\* 1 PSI = 1 pound-force per square inch

\*\*\* 1 MThr. = 1,000 ton-hours

### BWL Revenues & Expenses for Fiscal Year Ended June 30, 2023

Revenue	Dollars	Percent
Electric	\$378,791,716	84.0%
Water	\$50,683,766	11.0%
Steam	\$12,661,268	3.0%
Chilled Water	\$6,740,010	2.0%
<b>Total Revenue</b>	<b>\$448,876,760</b>	

Expenses	Dollars	Percent
Production	\$190,744,813	44.1%
Admin./General	\$87,448,518	20.2%
Depreciation	\$70,371,305	16.3%
Delivery	\$31,259,753	7.2%
Return on Equity	\$26,428,992	6.1%
Other Expense	\$26,574,541	6.1%
<b>Total Expenses</b>	<b>\$432,827,922</b>	

