

BWL Renewable Resources

Renewable Project	Size MW	Energy MWh
Landfill Gas - Granger	11.2	65,836
Wind - Beebe	19.2	52,744
Wind - Pegasus	68.0	188,194
Solar - Delta	24	43,079
Solar - Community	0.3	386
Solar - BWL Owned	0.2	157
Solar - Ranger	10.0	11,288

24-HOUR EMERGENCY SERVICE

Power Outage, Downed Line or
Streetlight Out 877-295-5001

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/outagecenter.

Customers can also text OUT to 898295 to report their outage and STAT to request a status update.



Hometown People. Hometown Power.

Fast Facts 2021

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 a safe, reliable and affordable utility experience through public ownership, climate consciousness and innovative strategies.

BWL Values

The BWL values include: integrity, innovation, initiative and inclusion.

Ownership

The Lansing Board of Water & Light is a municipally-owned public utility that serves 100,000 electric and 58,000 water customers. The BWL owns and operates a natural-gas fired cogeneration plant, a second natural-gas fired combined cycle plant that is expected to be operational in 2022, one coal-fired electric generating plant expected to close in 2022, 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 serves without pay.

BWL Commissioners as of December 2021

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

* Denotes non-voting advisory member

Dick Peffley, General Manager
lbwl.com

Customer Service

517-702-6006

www.lbwl.com/contact

Call Center Hours: 7 am to 5 pm, Mon-Fri
24/7 Payment Kiosks at 1232 Haco Dr., Lansing



LansingBWL



BWLComm

Electric Utility (Fiscal Year 2021)

Cust. Class	Customers	Sales (MWh)*	Revenues
Residential	86,662	598,936	\$97,892,018
Commercial	12,670	1,034,198	\$141,962,168
Industrial	201	340,760	\$39,973,133
Resale		510,072	\$16,678,280
Other		25,422	\$15,438,193
Total	99,533	2,509,388	\$311,943,792

	Res.	Comm.	Ind.
Revenue/kWh	\$0.16	\$0.14	\$0.12
Avg. Mo. kWh	576	6,802	141,277
Avg. Mo. Bill	\$94	\$934	\$16,573

Electric Generation, Transmission, Distribution

Maximum System Gross Demand (MW)	455.7
Maximum System Net Demand (MW)	439.3
Net Generation (MWh)	1,361,409
Purchased Power (MWh)	1,202,588
Renewable Energy (MWh)	361,140
Overhead Transmission Lines (Miles)	71
Overhead Distribution Circuit (Miles)	2079
Underground Distribution Circuit (Miles)	912
Streetlights	33,753

Generating Facilities

	MW
Delta Energy Park	260
Erickson	162
REO Cogeneration (also provides Steam)	120
Belle River (China Township, MI)**	165

* 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 2021)

Cust. Class	Customers	Sales (CCF)*	Revenues
Residential	50,739	3,004,414	\$20,278,263
Commercial	6,883	2,766,135	\$15,626,938
Industrial	95	615,626	\$3,017,521
Sales for Resale		2,251,527	\$4,002,606
Other		112,644	\$7,105,137
Total	57,717	8,750,346	\$50,030,466

	Res.	Comm.	Ind.
Revenue/CCF	\$6.75	\$5.65	\$4.90
Avg. Mo. CCF	5	33	540
Avg. Mo. in Gallons	3,740	24,684	403,920
Avg. Mo. Bill **	\$34	\$186	\$2,647

Water Production, Transmission, Distribution

Average Daily Pumpage to Mains (MGD)***	19.6
Maximum Daily Pumpage to Mains (MGD)	31.8
Maximum Hourly Demand Rate (MGD)	42.6
Annual Pumpage to Mains (MG)	7,151
Distribution of Water Mains (Miles)	809
Water Conditioning Plant Daily Capacity (MGD)	50
Number of Water Wells	124

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 2021)

Cust. Class	Customers	Sales (Mlb)*	Revenues
Residential	4	1,153	\$17,074
Commercial	150	411,168	\$8,181,477
Industrial	1	188,607	\$2,779,708
Other		70,439	\$1,590,572
Total	155	671,367	\$12,568,831

	Res.	Comm.	Ind.
Revenue/Mlb	\$14.81	\$19.90	\$14.74
Avg. Mo. Mlb	24	228	15,717
Avg. Mo. Bill	\$355	\$4,537	\$231,669

Steam Production Facilities (Net Capacity)

Eckert Net Capacity (lb/Hr)	200,000
REO Cogeneration Net Capacity (lb/Hr)	300,000
Steam Mains (Miles)	11

Available Steam Pressure

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

Chilled Water Utility (Fiscal Year 2021)

Cust. Class	Customers	Sales (MTHR)***	Revenues
Commercial	19	9,059	\$6,035,559

Revenue per Ton-hr \$0.67

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, 2021

Revenue	Dollars	Percent
Electric	\$311,943,792	82.0%
Water	\$50,030,466	13.1%
Steam	\$12,568,831	3.3%
Chilled Water	\$6,035,559	1.6%
Total Revenue	\$380,578,649	

Expenses	Dollars	Percent
Production	\$139,681,752	42.6%
Admin./General	\$59,408,186	18.1%
Depreciation	\$48,428,670	14.8%
Delivery	\$27,674,460	8.4%
Return on Equity	\$25,000,000	7.6%
Other Expense	\$27,652,246	8.4%
Total Expenses	\$327,845,314	

Due to rounding, values may not add up or percentages may not precisely calculate.

