

LEADING THE WAY TO A SUSTAINABLE CLEAN-ENERGY FUTURE



Headquarters in Duluth, Minnesota

Our five businesses include regulated utilities and complementary energy-centric companies. ALLETE also has an 8% interest in the American Transmission Co., which owns and operates transmission lines in parts of Wisconsin, Michigan, Minnesota and Illinois.

Sustainability statement

ALLETE is putting sustainability into action while honoring our commitments to the climate, our customers and the communities we serve.

ALLETE Subsidiaries



MINNESOTA POWER, based in Duluth, Minnesota, is an investor-owned electric utility serving 145,000 residential customers, 14 municipal customers and some of the nation's largest industrial customers. It provides electric service in a 26,000-square-mile region of northern Minnesota rich with mineral deposits and timber.



SUPERIOR WATER, LIGHT & POWER delivers electricity, natural gas and water to customers in Superior, Wisconsin, and adjacent areas. SWL&P serves 15,000 electric customers, 13,000 natural gas customers and 10,000 water customers. Its offices are in Superior.



ALLETE CLEAN ENERGY acquires, develops and operates clean and renewable energy projects and is well-positioned to drive additional clean-energy sector growth. ALLETE Clean Energy owns, operates, has in advanced construction and has delivered build-transfer projects totaling more than 1,600 megawatts of nameplate wind capacity across eight states.



BNI ENERGY is the parent company of BNI Coal, which operates a lignite mine near Center, North Dakota, and supplies lignite to the nearby Milton R. Young Generation Station. Based in Bismarck, North Dakota, BNI Energy has a rich history of environmentally responsible energy production in North Dakota and is partnering with others to develop less-intense or zero-carbon uses of lignite.



NEW ENERGY EQUITY, based in Annapolis, Maryland, with an office in Roseville, Minnesota, is one of the nation's top distributed solar developers and financiers. New Energy Equity has successfully developed over 330 megawatts of solar projects and closed more than \$600 million in clean energy investments across the United States. The company has a development pipeline of about 2 gigawatts across 26 states over the next three years.

EnergyForward: Investing in the future

Minnesota Power began as a renewable energy company more than a century ago by harnessing the hydropower of the St. Louis River. Today, we deliver safe, reliable, affordable and increasingly clean energy to about 145,000 residential customers, 14 municipal customers and some of the largest energy users in the United States.

Our electric load is unusual among U.S. utilities because a small number of large industrial customers, including iron mining operations, paper and pulp mills, and pipeline companies, consumes more than half of the energy we sell. At most other utilities, residential customers consume most of the electricity sold.

We are rapidly transforming the way we generate electricity through our EnergyForward strategy, with a vision to reach a 100% carbon-free energy supply by 2050. Today, we are meeting or exceeding state standards for renewable power, energy conservation and carbon emissions reductions.

About 50% of the electricity we provide comes from renewable sources. By 2030 we expect to be more than 70% renewable with the addition of up to 400 megawatts of wind energy and 300 megawatts of solar energy, along with a significant investment in energy storage. We plan to cease coal operations at Boswell Energy Center Unit 3 in 2030 and at Boswell Unit 4 in 2035, when we expect to reduce carbon emissions on our system by 80 percent compared with 2005 levels. Recent actions include:

- Retired Taconite Harbor Energy Center in Schroeder.
- Retired two coal units at Boswell Energy Center.
- Converted Laskin Energy Center in Hoyt Lakes to a natural gas peaking station.
- Planning to build a 525- to 550-megawatt combined-cycle, state-of-the-art power plant in Superior, Wisconsin. The Nemadji Trail Energy Center, a natural gas power plant being built in partnership with Dairyland Cooperative and Basin Electric Power Cooperative, will be one of the single largest private investments in the area's history. It will ensure reliable service for customers during our clean-energy transition and enable the addition of renewable energy to our system through our share of the plant's production.

Renewable energy

Wind

- Bison Wind Energy Center in North Dakota, 500 megawatts. Enough electricity to power nearly 170,000 homes each year.
- Taconite Ridge Wind Energy Center, first commercial wind generating station in northern Minnesota (2008).
- Purchase output of Oliver 1 and Oliver 2 wind farms built in North Dakota by NextEra Energy.
- Purchase 250 megawatts from Tenaska's Nobles 2 wind farm in southwestern Minnesota.
- Our wind portfolio is now about 870 megawatts of owned and contracted wind capacity.

Hydro

Minnesota Power operates the largest hydroelectric system in Minnesota with a capacity of more than 120 megawatts. Our generating stations are:

- Blanchard, Little Falls and Grand Rapids on the Mississippi River.
- Winton on the Kawishiwi River.
- Pillager and Sylvan on the Crow Wing River.
- Prairie River Station on the Prairie River.
- Fond du Lac, Knife Falls, Scanlon and Thomson on the St. Louis River.
- We also purchase about 250 megawatts of hydropower from Manitoba Hydro, delivered over the Great Northern Transmission Line that traverses Roseau, Lake of the Woods, Koochiching and Itasca counties

Solar

- 10-megawatt installation at Camp Ripley.
- 20 megawatts at three sites in Duluth, Laskin Energy Center and Sylvan Hydro.
- Community solar garden made up of a 1-megawatt array near Wrenshall and a 40-kilowatt array in Duluth.

Biomass

- 70-megawatt Hibbard Renewable Energy Center in Duluth.

Conservation

Minnesota Power and its conservation team has exceeded the state of Minnesota's 1.5 percent energy-savings goal every year since the target went into effect in 2010.

In 2021, the company's efforts saved 2.8% of retail energy sales, or more than 74,539,000 kilowatt-hours, enough energy to power about 8,200 homes for a year. The savings also translates to reducing emissions of carbon dioxide by about 44,000 tons, which is comparable to taking more than 8,700 cars off the road for a year.



AN ALLETE COMPANY

Company Statistics



Power generation capability: **More than 1,660 megawatts**



Transmission/distribution: **More than 8,000 miles**



Large Power customer contracts (each requiring 10 megawatts or more of load): **8**



Residential customers: **145,000**



Municipal customers: **14**



Minnesota Power/ALLETE employees: **1,400**



Yellow Ribbon Company designation earned in 2016 for supporting an environment where military-connected employees can thrive.



Moody's Investors Service has identified ALLETE as having the most gender diverse board among 45 utility companies it examined for a report on board gender diversity.

Legislative Affairs

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