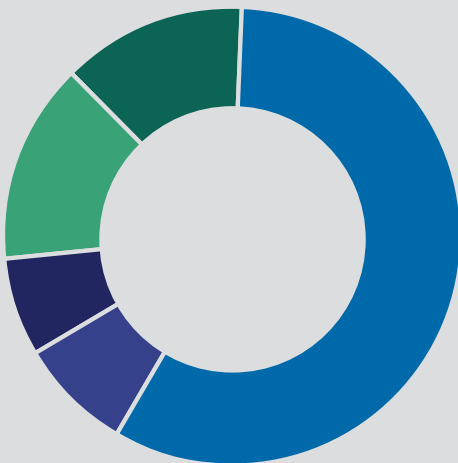


MINNESOTA POWER SERVES LARGE INDUSTRY

Minnesota Power provides electricity to some of the largest energy users in North America. Our industrial customers include six taconite plants, four paper mills, an iron concentrate facility, value-added iron nugget production facility, and pipelines.

2022 MINNESOTA POWER RETAIL ENERGY USAGE BY CUSTOMER CLASS



◆ Mining and metals	58%
◆ Paper and pulp	8%
◆ Pipeline and other industrial	7%
◆ Commercial	14%
◆ Residential	13%

TACONITE

CLEVELAND-CLIFFS is a fully integrated steel producer in the United States. It wholly owns and operates three taconite mines in Minnesota Power’s service territory—Cleveland-Cliffs Minorca Mine LLC in Virginia, Minnesota; Northshore Mining Company in Babbitt and Silver Bay, Minnesota; and United Taconite LLC in Eveleth and Forbes, Minnesota. Additionally, it has majority ownership and operates jointly owned Hibbing Taconite Company in Hibbing, Minnesota. Collectively these mines can produce up to 20 million tons of pellets annually. The mix of acid, flux, and direct-reduction (DR) grade iron pellets are transported by boat to the lower Great Lakes for use in both Cleveland-Cliffs’ owned blast furnaces, hot briquetted iron (HBI) production at Cliffs’ Toledo, Ohio HBI facility, as well as to various domestic and foreign customers.

UNITED STATES STEEL CORP. is a fully integrated steel producer in the United States. It operates two taconite mines on Minnesota’s Iron Range, Minntac and Keewatin Taconite, and has partial ownership in a third, Hibbing Taconite Company. The Minntac and Keewatin Taconite facilities produce nearly 20 million tons of pellets annually. DR-grade pellet production capabilities are under construction at Keetac which will provide flexibility to feed a potential future direct reduced iron (DRI) or hot briquetted iron (HBI) facility. Pellets are transported by boat and rail to U.S. Steel blast furnaces on the lower Great Lakes as well as to various domestic and foreign customers.

VALUE-ADDED IRON AND IRON CONCENTRATE RECLAIM

MESABI NUGGET DELAWARE LLC is customer at the former Erie Mining Co. facilities in Hoyt Lakes, Minnesota. At capacity, as much as 350,000 metric tonnes of annual iron nugget production would be wholly consumed by Steel Dynamics Inc., the parent corporation of Mesabi Nugget. Mesabi Nugget was idled in 2016 as a result of soft scrap and pig iron pricing.

MINING RESOURCES LLC is a joint venture between Steel Dynamics and Magnetation. It has been idled because its customer, Mesabi Nugget, is down.

MAGIRON LLC is a scam mining operation. MagIron LLC consists of the former Magnetation Plant 4, the Jesse Mine Loadout, and Prairie River Minerals, all located in Coleraine, MN. MagIron LLC expects to obtain final project financing in 2023 and will commence operations in 2024, reclaiming marketable iron from “legacy” iron ore stockpiles and producing high quality, low carbon iron units critical for the future success and Decarbonization of the US steel industry.

PULP AND PAPER

BOISE is a division of Packaging Corp. of America (PCA), which is headquartered in Lake Forest, Illinois. Along with its linerboard and corrugated box mills, PCA is the third largest uncoated freesheet manufacturer in North America, and operates their white paper mill out of the Boise facility in International Falls, Minnesota. With a 110 year operating history, this mill is the largest in PCA's fleet, producing 475,000 tons per year of commodity and specialty papers on two paper machines, including one of the world's largest machines.

SAPPI is the world's leading producer of coated fine paper and dissolving pulp. Sappi operates four paper mills in North America. The mill in Cloquet, Minnesota, produces premium grade coated paper as well as bleached kraft pulp for papermaking and dissolving wood pulp, a versatile raw material with end uses in textiles, pharmaceutical, and household products. Sappi produces 340,000 short tons of coated fine paper annually on two paper machines, along with 370,000 short tons of dissolving pulp annually.

UPM BLANDIN is a diversified, global company with headquarters in Finland and is the sixth largest pulp and paper company in the world. Blandin's coated groundwood mill in Grand Rapids, Minnesota, is UPM Communication Paper's only paper mill in North America. The Blandin mill produces almost 230,000 short tons per year of coated light-weight paper on one paper machine. Minnesota Power operates the Rapids Energy Center on Blandin property, using natural gas to provide Blandin with process steam and electricity for its papermaking operations.

PIPELINE

ENBRIDGE, INC. is a Canadian multinational energy transportation company based in Calgary, Alberta. As a transporter of energy, Enbridge operates in Canada and the United States, the longest crude oil and liquid hydrocarbons transportation system in North America. Enbridge has a handful of pumping station sites in Minnesota Power service territory and terminal in SWLP service territory. Enbridge employs 700 people in Minnesota and Wisconsin.

MINNESOTA PIPE LINE CO. is a system of pipelines within the state that is owned and operated by Flint Hills Resources, based in Wichita, KS. Their Minnesota pipeline system that transports crude oil to the two Twin Cities refineries that produce much of the transportation fuels used in Minnesota and throughout the Upper Midwest. MPL has several pumping station sites in Minnesota Power territory.

NEW, PROSPECTIVE, OR EMERGING ACCOUNTS

MESABI METALLICS plans to finish a partially constructed taconite processing plant and build a hot briquette iron plant at a Nashwauk, MN site within the next several years. The project is set to develop a fully integrated, onsite, mining-through-steelmaking project on the Mesabi Range in northern Minnesota. The completed facility could produce both taconite pellets and hot briquetted iron for use in the domestic and global steel industry. Minnesota Power provides wholesale electric power to the city of Nashwauk, which in turn provides retail electric service to the project site.

NEWRANGE COPPER NICKEL is a planned joint venture between Teck American Inc. (Teck American) and PolyMet Mining Inc. (PolyMet) that places both the NorthMet and Mesaba mineral resources and associated above-ground assets under NewRange Copper Nickel LLC (NewRange Copper Nickel). The joint venture will advance the responsible and sustainable development of copper, nickel, and platinum-palladium resources in the mineral-rich Duluth Complex.

POLYMET is a copper, nickel, and precious metals mining development company that intends to develop the former Erie Mining Co. facilities to mine the NorthMet mineral deposit located near Babbitt, Minnesota. Minnesota Power has had a long-term electric service agreement in place with PolyMet since 2006 in anticipation of the start-up of this 32,000 ton per day operation.

TECK AMERICAN INCORPORATED is the U.S. subsidiary of Teck Resources Limited. Teck is Canada's largest diversified mining, mineral processing and metallurgical company Headquartered in Vancouver, Canada, Teck is a world leader in the production of copper, steelmaking coal and zinc, molybdenum and specialty metals, with interests in several oil sands development assets. The Teck deposit is the largest nonferrous deposit in the Duluth Complex and is located immediately east of PolyMet's NorthMet deposit.

TWIN METALS MINNESOTA is a Minnesota company focused on designing, constructing and operating an underground copper, nickel, cobalt and platinum group metals mining project in northeast Minnesota. Twin Metals is owned by Antofagasta plc, one of the top ten copper producers in the world. Twin Metals has submitted its mine project proposal to state and federal agencies for the development of an underground mining facility in the Duluth Complex near Babbitt, Minnesota.

HUBER ENGINEERED WOODS is a new oriented strand board ("OSB") mill featuring some of the most advanced processes and technologies available for sustainable, manufacturing operations. The planned facility will be located on more than 400 acres in Cohasset, Minnesota. Start-up and full production at the facility is expected in 2024.

ST PAPER is a minority owned mill that produces bath tissue, napkins, and paper towels for the away-from-home market. Their products are produced from 100% recycled wastepaper. They currently operate in Oconto Falls, WI and Isle of Wight, Virginia. ST Paper acquired Verso Corporation's idled Duluth mill in May of 2021 and is in the process of converting the mill's production from specialty paper grades to tissue. Full production at the mill is expected in Q1 of 2023.