

LARGE LOAD FACILITY ADDITIONAL INFORMATION:
Original June 2024 for AC/BOD – Updated December 6, 2024

Existing Large Load and New Load Additions Announced in MISO South, Central and North Regions.

*Note: Timing for full load is to be determined. Most planned projects are opening before 2030 but will scale up electricity over time. The following data is from public announcements and publicly available information **as of the date of creation**. This is not a forecasting document for MISO. **Not intended for reliance or planning purposes, informational purposes only. Information is subject to change.** Highlighted projects are existing load.*

MISO SOUTH REGION				
INDUSTRY	PLANNED DATE	DEVELOPER	LOCATION	LOAD
Lithium Mining	2027	Multiple Developers: Exxon Mobil, Tetra, Standard Lithium, Albemarle	Southwestern Arkansas	185 MW
Steel	Existing & Expanding	Big River Steel (Subsidiary of US Steel)	Northeastern Arkansas	550 MW
Data Center	2027	Amazon – 3 Data Centers 2025, 2026, 2027	Madison County, Mississippi	1,034 MW
Lithium Batteries	2026	Accelera/Daimler/PACCAR	Mississippi	73 MW
Industrial	TBA	Not Publicly Available	Port Arthur, Texas	270 MW
Data Center	TBA	Meta	Richland Parish, LA	2600 MW
Data Center	2024	CleanSpark	Vicksburg, MS	32 MW
Data Center	2024	CleanSpark	Wiggins, MS	58 MW
MISO CENTRAL REGION				
INDUSTRY	PLANNED DATE	DEVELOPER	LOCATION	LOAD
Semiconductor	2024	NHanced Semiconductors	Odon, Indiana	40 MW
Semiconductor	Cancelled	NHanced Semiconductors	Bloomington, Indiana	25.7 MW
Semiconductor	2028	SK Hynix	West Lafayette, Indiana	50 MW
Solar	Existing	HighTec Solar	Michigan City, Indiana	100 MW
Data Center	2026	Meta	Jeffersonville, Indiana	200 MW
Ethenyl Refinery	Existing	Green Plains Mt. Vernon, LLC	Mt. Vernon, Indiana	90 MW
Ethenyl Refinery	Existing	Poet Biorefining Shelbyville, LLC	Shelbyville, Indiana	98 MW
Steel	Existing	Cleveland Cliffs Burns Harbor, LLC	Burns Harbor, Indiana	285 MW
Steel	Existing	Cleveland Cliffs Steel, LLC	East Chicago, Indiana	282 MW
Steel	Existing	NLMK Indiana	Portage, Indiana	40 MW
Oil Refinery	Existing & Expanding	BP Products North America – Expanding into Hydrogen Hub	East Chicago, Indiana	TBA
Lithium Batteries	Existing	A123 Michigan	Livonia, Michigan	8.3 MW
Lithium Batteries	2026	BlueOval Battery Park Michigan	Marshall, Michigan	100 MW
Lithium Batteries	2024	Gotion	Manteno, Illinois	139 MW
Lithium Batteries	2025	LG Energy Solutions	Holland, Michigan	87 MW
Lithium Batteries	Existing	LG Energy Solutions	Holland, Michigan	36 MW
Lithium Batteries	2024	Next Energy	Van Buren, Michigan	7.7 MW
Lithium Batteries	2025	Samsung/Stellantis	Kokomo, Indiana	54 MW
Lithium Batteries	2026	Samsung/General Motors*	New Carlisle, Indiana	68 MW
Lithium Batteries	2025	Ultium Cells	Lansing, Michigan	117 MW

Lithium Batteries	Existing	Xalt Energy	Midland, Michigan	6 MW
Data Center	TBA	AWS	Becker, MN	383 MW
Data Center	TBA	Meta	Lebanon, IN	1540 MW
Data Center	TBA	AWS*	New Carlisle, Indiana	660 MW
Data Center	2032	Microsoft*	LaPorte, Indiana	538 MW
Data Center	TBA	Google*	Fort Wayne, Indiana	TBA
MISO NORTH REGION				
INDUSTRY	PLANNED DATE	DEVELOPER	LOCATION	LOAD
Data Center	2026	Meta	Rosemont, Minnesota	308 MW
Data Center	2026	Microsoft	Becker, Minnesota	325 MW
Data Center	Existing	Google	Council Bluffs, Iowa	500 MW
Data Center	2026	Google	Cedar Rapids, Iowa	600 MW
Data Center	2026	Microsoft	Mount Pleasant, WI	1480 MW
Data Center	2024	FX Solutions – Atlas Power**	Williston, North Dakota	700 MW
Data Center	2026	Microsoft (Project Ruthenium)	West Des Moines, IA	113 MW
Data Center	2025	Microsoft (Project Osmium)	West Des Moines, IA	150 MW
Data Center	2025-2027	Microsoft (Project Ginger East)	West Des Moines, IA	444 MW
Data Center	Existing + Expansion Opening in 2026	Microsoft (Project Ginger West)	West Des Moines, IA	207 MW
Data Center	TBD	Microsoft (Project Van Meter)	Van Meter, IA	415 MW
Data Center	TBD	TBD (Shell Corp: SNA LLC)	Cedar Rapids, IA	616 MW

* Denotes facilities being built on the border between MISO and PJM

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