

Case Number	2023 IRP Preferred Plan	500 MW Large Loads	1.5 GW and Stop	2 GW and Stop	1.5 GW Large Loads	2.0 GW Large Loads	1.5 GW to 500 MW	2 GW to 500 MW
Data Center Load Additions (beginning of year)	N/A	500 MW by 2027 (4 GWh)	1.5 GW by 2032 (12 GWh)	2 GW by 2032 (16 GWh)	1.5 GW by 2032 (12 GWh) 2.5 GW by 2040 (20 GWh)	2 GW by 2032 (16 GWh) 3.5 GW by 2040 (28 GWh)	1.5 GW by 2032 (12 GWh) 0.5 GW by 2039 (4 GWh)	1.5 GW by 2032 (12 GWh) 0.5 GW by 2039 (4 GWh)
Energy Efficiency / Demand Response	Aggressive energy efficiency and demand response programs	Limited Energy Efficiency and Continued Demand Response Programs	Limited Energy Efficiency and Continued Demand Response Programs	Limited Energy Efficiency and Continued Demand Response Programs	Limited Energy Efficiency and Continued Demand Response Programs	Limited Energy Efficiency and Continued Demand Response Programs	Limited Energy Efficiency and Continued Demand Response Programs	Limited Energy Efficiency and Continued Demand Response Programs
Total Retail Sales in 2040	36 Million MWh	40 Million MWh	56 Million MWh	64 Million MWh	56 Million MWh	64 Million MWh	40 Million MWh	40 Million MWh
Coal Retirements (end of year)	Sioux (2032) Labadie - 2 Units (2036) Labadie - 2 Units (2042)	Sioux (2031-2035) Labadie - 2 Units (2036) Labadie - 2 Units (2042)	Sioux (2031-2035) Labadie - 2 Units (2036) Labadie - 2 Units (2042)	Sioux (2031-2035) Labadie - 2 Units (2036) Labadie - 2 Units (2042)	Sioux (2031-2035) Labadie - 2 Units (2036) Labadie - 2 Units (2042)	Sioux (2031-2035) Labadie - 2 Units (2036) Labadie - 2 Units (2042)	Sioux (2031-2035) Labadie - 2 Units (2036) Labadie - 2 Units (2042)	Sioux (2031-2035) Labadie - 2 Units (2036) Labadie - 2 Units (2042)
Gas Retirements (end of year)	Venice (IL) (2029) Other IL CTGs (2039)	Venice (IL) (2029) Other IL CTGs (2039)	Venice (IL) (2029) Other IL CTGs (2039)	Venice (IL) (2029) Other IL CTGs (2039)	Venice (IL) (2029) Other IL CTGs (2039)	Venice (IL) (2029) Other IL CTGs (2039)	Venice (IL) (2029) Other IL CTGs (2039)	Venice (IL) (2029) Other IL CTGs (2039)
Wind Additions (end of year)	1,000 MW by 2030 2,000 MW by 2035	1,000 MW by 2030 2,000 MW by 2035	1,000 MW by 2030 2,000 MW by 2036	1,000 MW by 2030 2,000 MW by 2035	1,000 MW by 2030 2,000 MW by 2035	1,000 MW by 2030 2,000 MW by 2035	1,000 MW by 2030 2,000 MW by 2035	1,000 MW by 2030 2,000 MW by 2035
Solar Additions (end of year)	1,800 MW by 2030 2,700 MW by 2035	1,800 MW by 2030 2,700 MW by 2035	2,200 MW by 2030 2,700 MW by 2032	2,200 MW by 2030 2,700 MW by 2032	2,200 MW by 2030 2,700 MW by 2032	2,200 MW by 2030 2,700 MW by 2032	2,200 MW by 2030 2,700 MW by 2032	2,200 MW by 2030 2,700 MW by 2032
Battery Additions (end of year)	400 MW by 2030 800 MW by 2033	400 MW by 2030 800 MW by 2033	950 MW by 2030 1,550 by 2037 2,150 by 2042	950 MW by 2030 1,550 by 2037 2,150 by 2043	1,000 MW by 2030 1,400 MW by 2037 1,800 MW by 2042	1,000 MW by 2030 1,400 MW by 2037 1,800 MW by 2042	950 MW by 2030 1,550 by 2037	950 MW by 2030 1,550 by 2037
Combined Cycle Gas Additions (beginning of year)	1,200 MW (2033)	1,200 MW (2032)	1,800 MW (2032)	1,800 MW (2032) 600 MW (2037)	2,100 MW (2032) 1,200 MW (2037)	2,100 MW (2032) 1,200 MW (2037) 1,200 MW (2038)	1,800 MW (2032) 600 MW (2037)	1,800 MW (2032) 600 MW (2037)
Simple Cycle Gas Additions (beginning of year, except 2027 and 2028 additions in Q4)	800 MW (2027)	800 MW (2027) 800 MW (2028)	800 MW (2027) 800 MW (2029) 600 MW (2037)	800 MW (2027) 800 MW (2029) 600 MW (2037) 600 MW (2043)	800 MW (2027) 800 MW (2028) 600 MW (2038) 600 MW (2043)	800 MW (2027) 800 MW (2028) 600 MW (2035) 600 MW (2037)	800 MW (2027) 800 MW (2029)	800 MW (2027) 800 MW (2029) 600 MW (2037)
New Nuclear Additions (beginning of year)	N/A	900 MW (2040)	1,500 MW (2040)	1,500 MW (2040)	1,500 MW (2040)	1,500 MW (2040)	900 MW (2043)	900 MW (2043)
Other Clean Dispatchable Additions (beginning of year)	1,200 MW (2040) 1,200 MW (2043)	1,200 MW (2037) 1,200 MW (2043)	N/A	N/A	N/A	N/A	N/A	N/A