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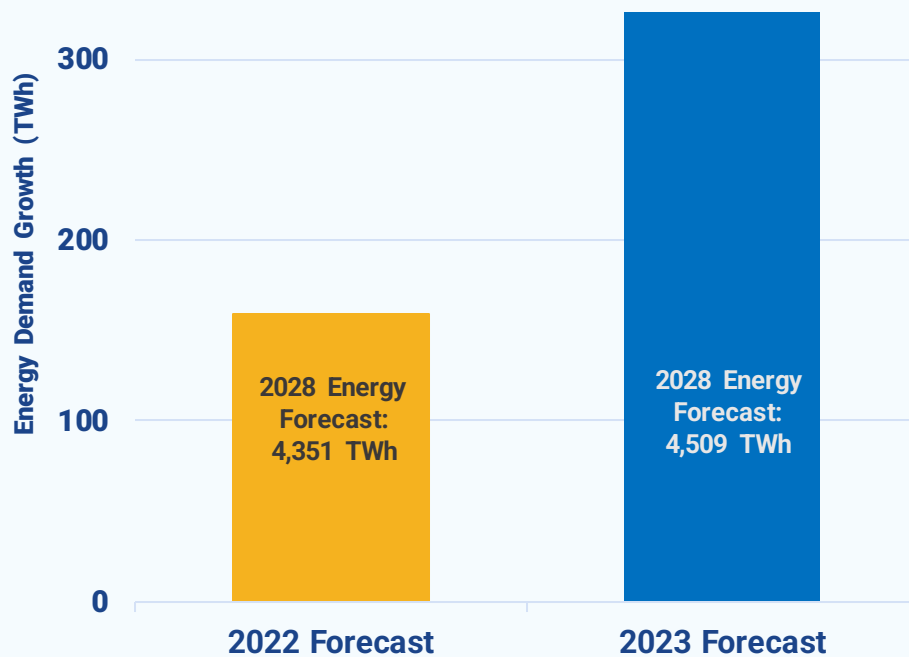
Addendum: The Era of Flat Power Demand is Over

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2023 National Energy Forecast Growth Doubles

5-year Nationwide Energy Demand Forecast



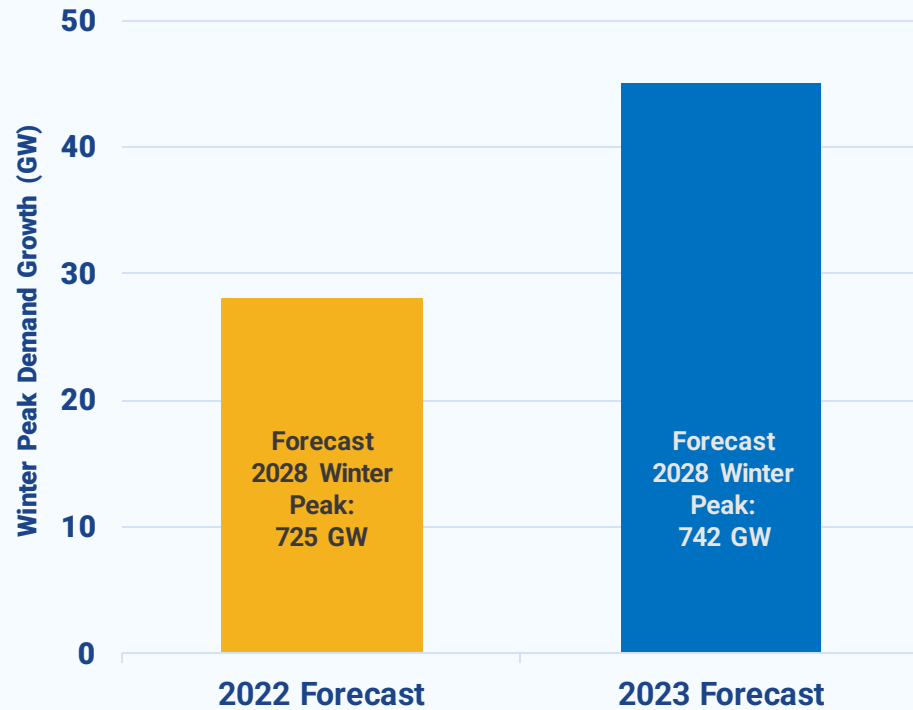
Forecasted energy demand increased by 158 TWh from 2022 to 2023 FERC filings, more than doubling from 3.8% to 7.8% growth over the next five years.

Ten planning areas with greatest increase in 2028 energy demand

Planning Area	2022 Forecast (TWh)	2023 Forecast (TWh)	Increase (TWh)	Percent Increase
PJM	823	858	35.2	4.1%
ERCOT	485	516	31.5	6.1%
SPP	297	324	27.0	8.3%
Duke Energy (North & South Carolina)	174	185	11.2	6.0%
Georgia Power	89	98	8.9	9.1%
NYISO	147	154	7.6	4.9%
Arizona Public Service Company	39	47	7.5	16.1%
Portland General Electric	24	30	6.3	21.2%
MISO	690	694	4.1	0.6%
CAISO	228	231	3.6	1.6%
All other planning areas	1,356	1,371	14.7	1.1%
Total	4,351	4,509	157.7	3.6%

2023 Winter Peak Load Forecast Shows Similar Increases as Summer

5-year Nationwide Winter Demand Growth Forecast



The nationwide forecast for winter peak demand increased from 4.0% to 6.4% growth, a 17 GW increase, over the next five years, as reflected in 2023 FERC filings.

Ten planning areas with greatest increase in winter 2028 peak demand

Planning Area	2022 Forecast (GW)	2023 Forecast (GW)	Increase (GW)	Percent Increase
ERCOT	68.4	76.6	8.2	12.0%
SPP	45.4	48.6	3.2	7.1%
MISO	110.0	111.3	1.3	1.2%
Georgia Power	15.7	16.8	1.1	7.1%
ISO New England	24.0	24.9	0.9	3.5%
CAISO	35.4	36.3	0.8	2.3%
NYISO	26.2	27.0	0.8	3.1%
Nevada Power Company	3.5	4.1	0.7	19.6%
Associated Electric Cooperative	4.5	5.1	0.5	11.8%
Public Service Company of Colorado (Xcel Energy)	6.5	7.1	0.5	8.0%
All other planning areas	385.7	385.0	-0.8	-0.2%
Total	725.3	742.8	17.4	2.4%