

Stakeholder Information Updates

- Updated load forecasts
- Fuel price forecast and sensitivities
 - Gas price (Henry Hub)
- CO₂ price forecast and sensitivities
- NO_x price forecast and sensitivities
- SO₂ price forecast and sensitivities

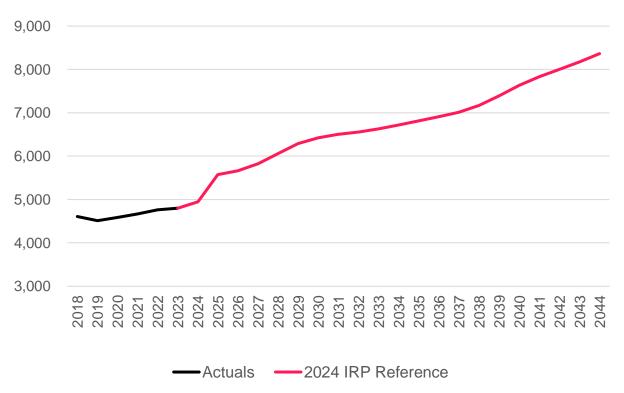




Load Forecasts - Scenario

- Entergy Arkansas' reference case forecast serves as the basis for upcoming resource plans, as well as financial analysis and planning.
- Forecast sensitivity scenarios were developed to assess other potential future outcomes.
 - Low Scenario: decreased residential and commercial growth due to improved energy efficiency, reduced industrial load, and slower EV adoption
 - High Scenario: increases to industrial load

Annual Non-Coincident Peak Load MW



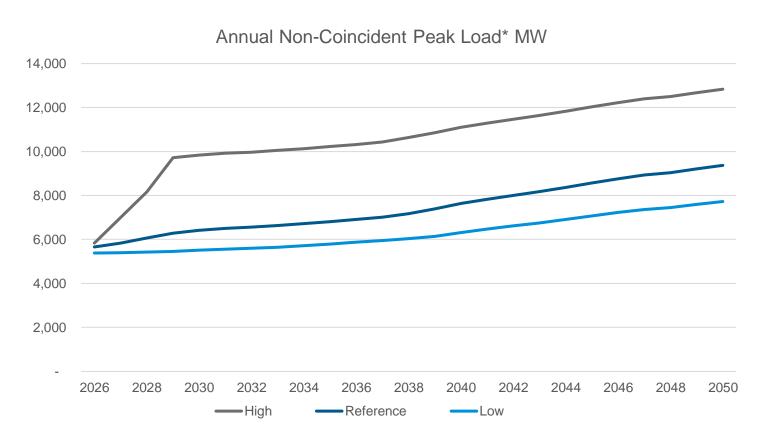


Load Forecasts – Elements and Peaks

• High and low scenarios depart from the reference case based on increasing/decreasing volumetric levers.

	Adjustments to
Ref	Case by Scenario

Lever	Low	High
BTM Solar	Lower	Reference
EVs	Lower	Reference
Building Electrification	Lower	Reference
Energy Efficiency	Higher	Reference
Customer Count	Lower	Higher
Customer Usage (Industrial)	Lower	Higher



^{*}Includes distribution losses

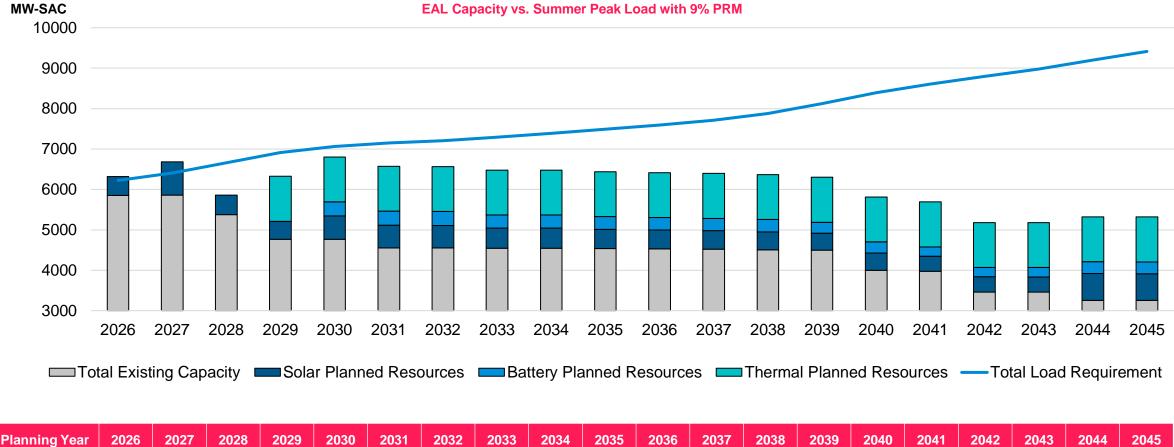


Futures and AURO Modeling Overview **Futures and AURORA**

Daniel Boratko

Assessment of Capacity Need (Summer)

2026-2045



Planning Year	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Surplus/Deficit	89	279	(802)	(590)	(255)	(575)	(644)	(815)	(906)	(1049)	(1181)	(1320)	(1511)	(1825)	(2581)	(2919)	(3619)	(3806)	(3879)	(4099)

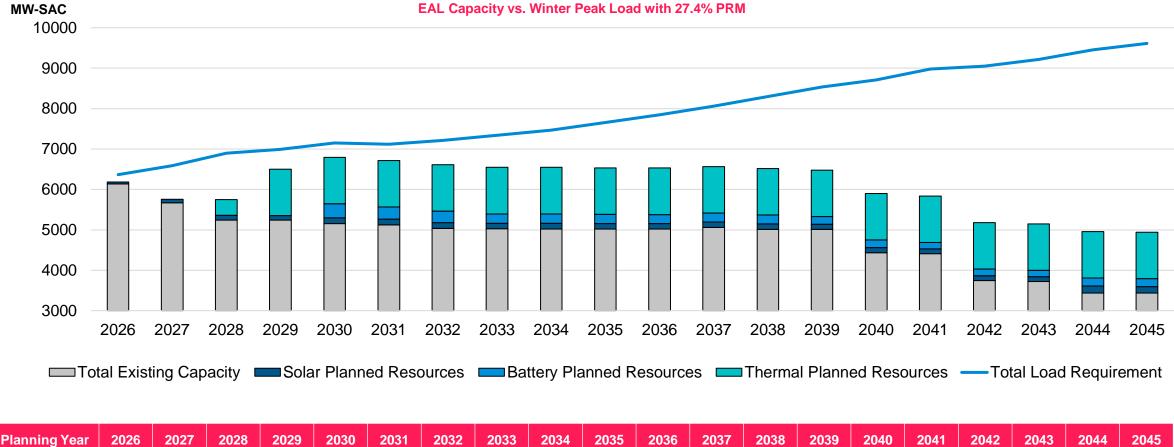
^{1.} Notes:



[•] Surplus/Deficit table reflects the average seasonal accredited capacity and a load requirement of the summer MISO coincident peak with a PRM of 9%. Existing thermal resource capacity reflects current SAC ratings. Non-thermal capacity reflects estimated average Effective Load Carrying Capability ("ELCC"). Existing and planned non-thermal resource ELCC varies based on market and EAL solar, wind, and battery storage capacity.

Assessment of Capacity Need (Winter)

2026-2045



Planning Year	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Surplus/Deficit	(179)	(831)	(1147)	(488)	(358)	(406)	(599)	(797)	(919)	(1122)	(1321)	(1499)	(1782)	(2053)	(2807)	(3147)	(3871)	(4069)	(4498)	(4670)

^{1.} Notes:



[•] Surplus/Deficit table reflects the average seasonal accredited capacity and a load requirement of the winter MISO coincident peak with a PRM of 27.4%. Existing thermal resource capacity reflects current SAC ratings. Non-thermal capacity reflects estimated average Effective Load Carrying Capability ("ELCC"). Existing and planned non-thermal resource ELCC varies based on market and EAL solar, wind, and battery storage capacity.

IRP Futures

EAL plans to rely on the four futures outlined below to assess supply portfolios across a range of market outcomes.

The Long-Term Capacity Expansion (LTCE) for all futures will be conducted on a summer and winter basis to align with MISO's new seasonal construct.

	Future 1 - Existing Fleet	Future 2A - Business as Usual	Future 2B - CAA 111	Future 3 - Accelerated Change
Peak Load & Energy Growth	• Low	Reference	Reference	• High
Natural Gas Prices	• Low	Reference	 Reference 	• High
MISO Coal Deactivations ¹	 All ETR coal by 2030 All MISO coal aligns with MTEP Future 1 (46 year life) 	 All ETR coal by 2030 All MISO coal aligns with MTEP Future 2 (36 year life) 	All ETR coal by 2030All MISO coal by 2030	 All ETR coal by 2030 All MISO coal aligns with MTEP Future 3 (30 year life)
MISO Natural Gas CT and CC Deactivations ¹	• 50 year life	• 45 year life	45 year life	• 35 year life
MISO Natural Gas Other Deactivations ¹	• 46 year life	• 36 year life	Steam gas EGUs by 2030	• 30 year life
Carbon Tax Scenario	 No Cost 	Reference Cost	 Reference Cost 	 High Cost
Renewable Capital Cost	 High Cost 	Reference Cost	 Reference Cost 	 Low Cost
Narrative	 Lower growth from the residential and industrial sector is forecasted which reduces the need to transition from the existing fleet. Renewable cost assumed to be high. 	Moderate amount of industrial growth forecasted which would drive the need for new development.	 Entergy and utilities across MISO deactivate existing units early to be compliant with proposed changes to Clean Air Act Section 111(d). New resources built would comply with proposed changes to 111(b). Assumes extension. 45Q through study period 	 High energy growth from both industrial and residential sectors forecasted. Renewable cost assumed to be low due to more efficient supply chain.

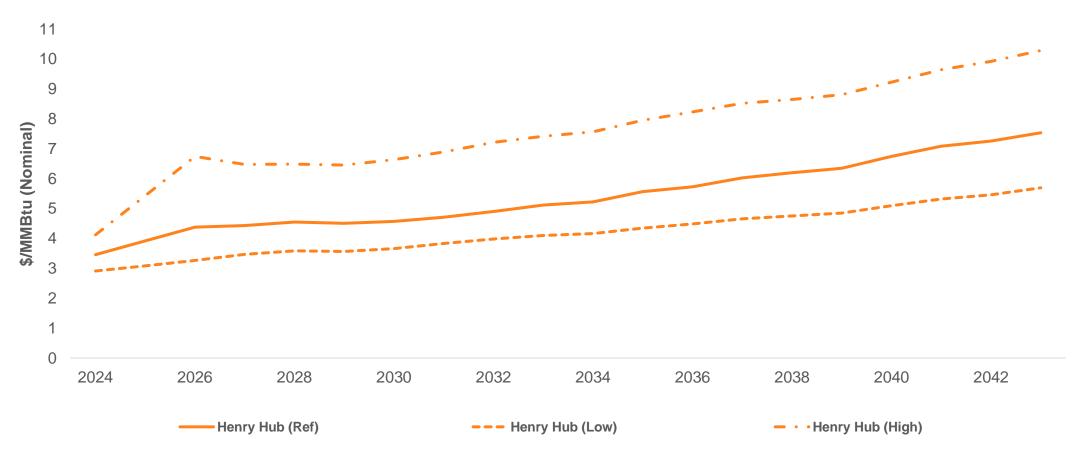
^{1.} See MISO Futures Report Series 1A for additional detail

Fuel and Forecast

Fuel and Emission Price

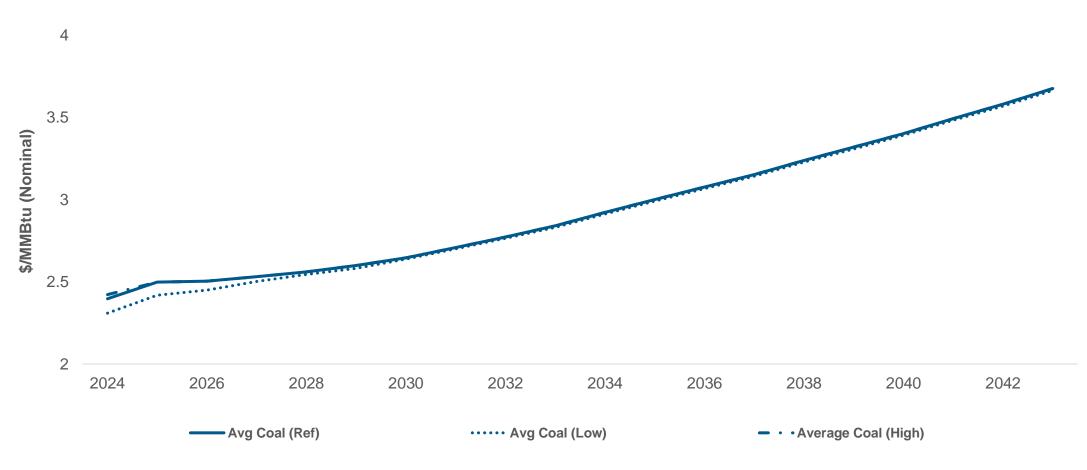
Daniel Boratko

Gas Price Forecasts and Sensitivities





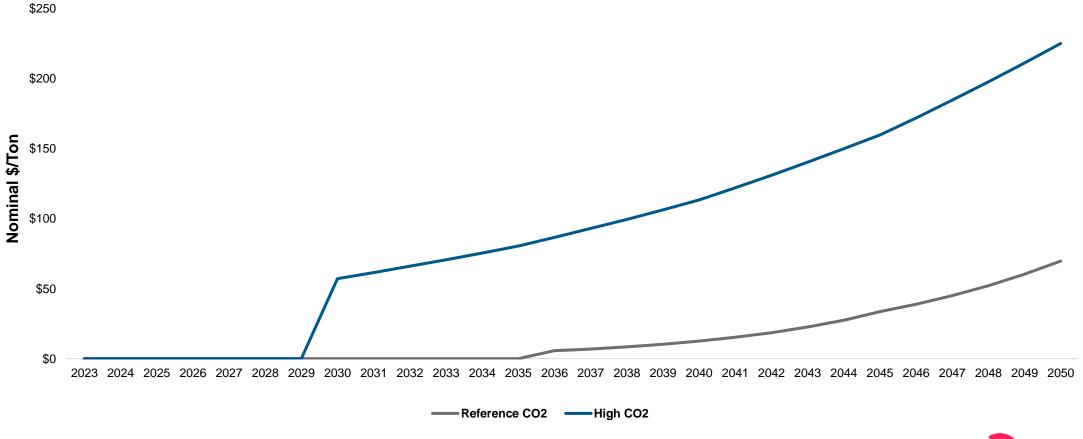
Coal Price Forecasts and Sensitivities





CO₂ Emission Price Forecast and Sensitivities

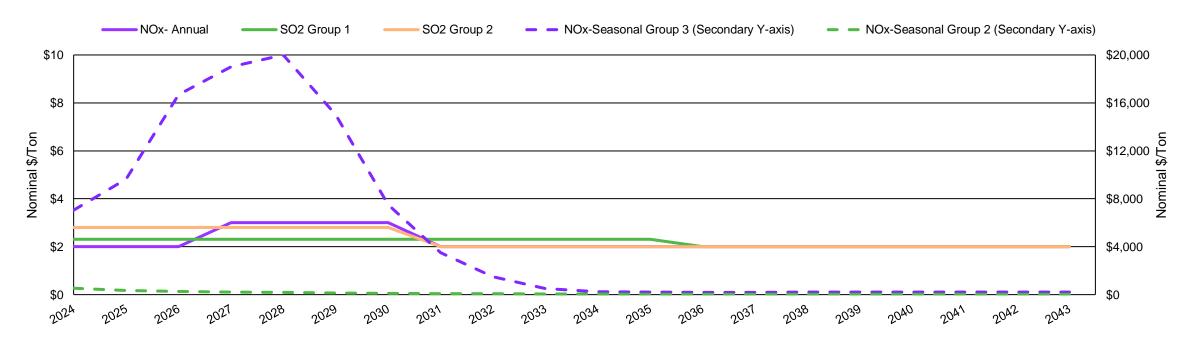
Low case assumes no CO2 price





NOx Emission Price Forecasts

- Forecast assumes impact of the proposed Good Neighbor Plan on the Cross-State Air Pollution Rule (CSAPR)
- NOx and SO2 Prices are taken from EVA Fuel Price Q3 2023 Forecast
- Louisiana, Mississippi, and Arkansas are subject to compliance under the ozone-season NOx program
- Louisiana is assumed to be in NOx Seasonal Group 3 while the other 3 state are in NOx Seasonal Group 2





SO₂ Emission Price Forecasts

- Forecast assumes impact of the proposed Good Neighbor Plan on the Cross-State Air Pollution Rule (CSAPR)
- NOx and SO2 Prices are taken from EVA Fuel Price Q3 2023 Forecast
- Louisiana, Mississippi, and Arkansas are subject to compliance under the ozone-season NOx program
- Louisiana is assumed to be in NOx Seasonal Group 3 while the other 3 state are in NOx Seasonal Group 2

