

Real Load vs. Generation Reality: Turbines, Recips and the Gap



David Daley

Director | Energy Advisory



2025 GENERATION SYMPOSIUM

UTILITY CONSULTING SESSION

US Power Demand Projections

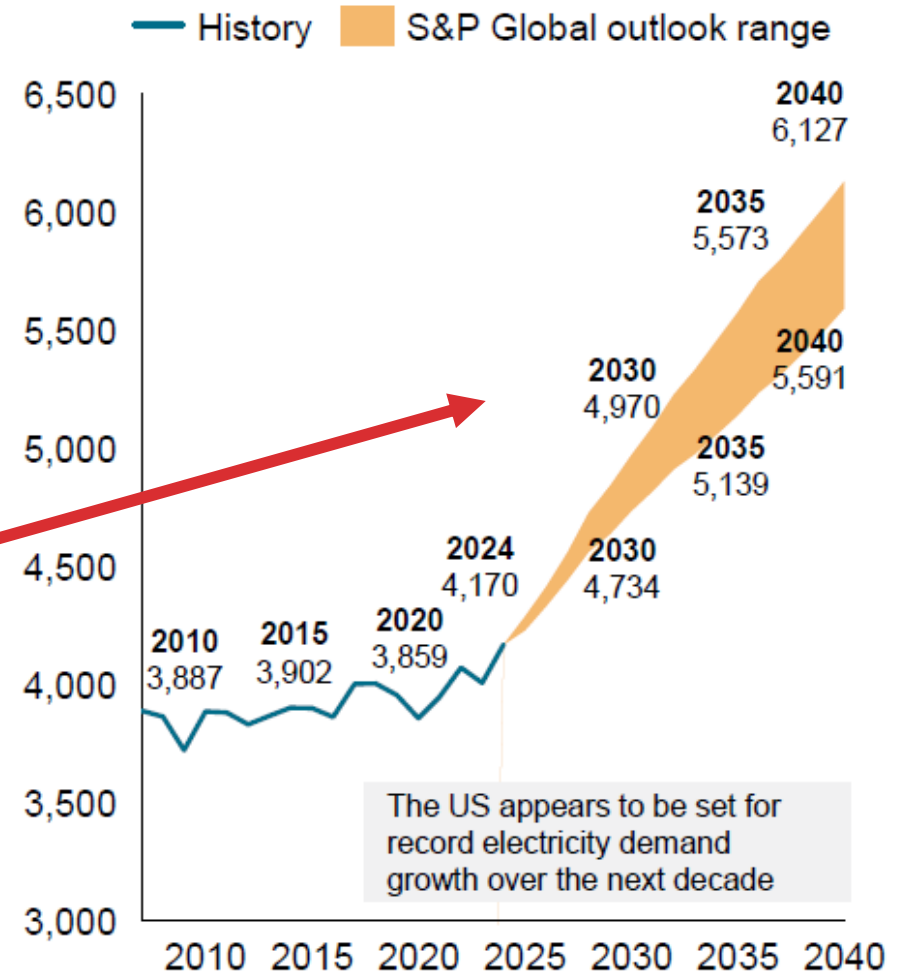
Growth driven by manufacturing and data in near term, and electrification/transport in long term.

High risks of supply/demand imbalances as the data buildout accelerates and new generation lags.

Natural Gas & Renewables are the near-term supply-side options.

If by Gas = 400GW
If by Solar = 1000GW
(+BESS)

US Lower 48 net on-grid electricity demand
TWh



Source: S&P Global Commodity Insights

Limiting Factors

Can you get what you want, when you want it, in that location?

PHYSICAL

Does the revenue support the costs and does the money show up?

COMMERCIAL

Does the generation super-cycle coincide with reverse globalization?

PEOPLE

How will the government balance needs of business with reliability and cost to voters?

**GOVERNMENT
ENABLING**

Strategic Next Steps



Review and document the current development schedule



Define and document the configuration strategy



Evaluate and confirm all regulatory and policy requirements



Closely follow innovation



Develop and implement a workforce development plan



Identify, evaluate and pursue strategic partnerships