

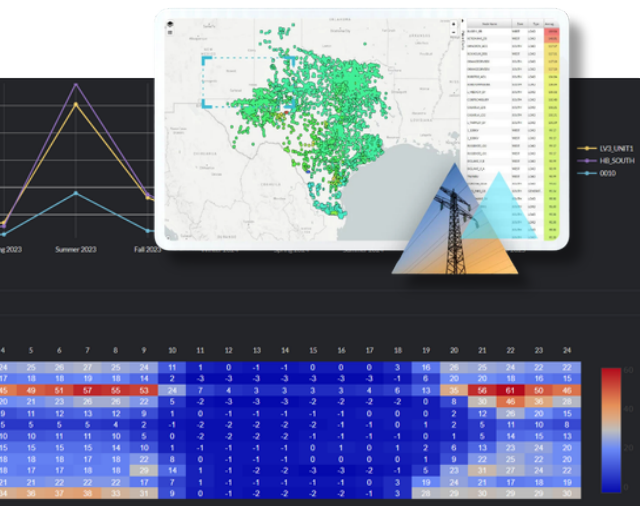
Long-Term Nodal Forecast Methodology

Transparent, fundamental-based forecasting that helps you evaluate long-term power market investments with confidence.

Complete and Timely Long-Term Nodal Forecasts

Organizations making long-term investment and procurement decisions need forecasts that reflect how power markets are expected to evolve.

Our nodal forecasts provide hourly forecasts for LMPs, ancillary services prices, congestion pricing, constraints driving congestion, generator revenues, emissions, and other market outcomes by simulating the physical operation of the power grid. Forecasts are updated quarterly to reflect changing market conditions and are supported by documented assumptions that users can review and understand.



Use the Forecast to:

- Understand revenue potential for all generators in your development pipeline
- Optimize your PPA pricing strategies and hedge basis risk
- Understand future energy spend for data centers
- Value your existing asset portfolios or potential investments
- Maintain profitability while meeting your emission goals
- Maximize investment or refinance opportunities
- Generate more reliable financial reports

Forecast Methodology

The forecast combines capacity expansion planning and nodal production cost modeling to simulate how each region is expected to operate over time.

The model incorporates future policy changes, generation additions, transmission expansion, load growth, fuel prices, retirements, and other market assumptions to produce hourly nodal forecasts for 20 years.

Forecast assumptions are reviewed and updated quarterly by market analysts.

WHY ORGANIZATIONS USE THIS FORECAST



Physical Grid Model

The forecast models the physical operation of the transmission as well as generation system rather than relying on statistical extrapolation or historical price trends.



Nodal-Level Results

Forecasts are produced at the nodal level, where results include LMPs and their components,, locational marginal emissions, generator economics, capture rates, and much more.



Consistent Economic and Environmental Modeling

Expansion planning and production cost modeling are performed within the same framework, producing internally consistent price and emissions forecasts.



Transparent Assumptions

Forecast assumptions are documented and available for review, allowing users to understand the drivers behind forecast results.



Quarterly Updates

Forward curves and key market assumptions are updated every quarter to reflect changing market conditions.



Expert-Curated Scenarios

Forecast scenarios and the underlying assumptions are developed and reviewed by experienced power market economists and engineers, including experts who helped shape today's organized electricity markets.

Ready to see it applied to your markets? Talk to our team.

