
2015 ERCOT Electricity Market Outlook



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LCG Consulting (LCG) of Los Altos, California, has released its findings concerning future grid operations and market conditions in ERCOT in a new report, 2015 ERCOT Electricity Market Outlook, which summarizes hourly simulations for the entire year. The 2015 Outlook report will be of interest to market participants needing in-depth insight into key metrics such as load zone and hub prices, ancillary service (A/S) prices, hub prices, transmission lines experiencing significant congestion, and the value of congestion revenue rights (CRRs).

LCG can provide targeted, additional details from this market study, such as individual generator costs and revenues, hourly nodal prices (LMPs), transmission congestion, N-x contingencies, wind curtailment and other information holding special interest.

The simulation of the ERCOT market was conducted with the UPLAN Network Power Model, LCG's flagship simulation software that is unparalleled for fundamentals-driven market forecasting and analysis.

UPLAN Network Power Model replicates the behavior of regional power markets and power systems to simulate the financial and physical operations of entire grids. It simulates the bidding process for the Energy and Ancillary Service markets and dispatches generators hourly, using region-specific protocols. UPLAN is extensively used in ERCOT for nodal and load zone studies for various stakeholders as well as by ERCOT ISO itself. It is typically utilized to assess capital investment opportunities and risks associated with prospective and existing generation and transmission assets.

Deliverables

- 2015 Projected Monthly Market Results:
 - ✓ Prices for the six 345 kV Hubs: West, North, South, Houston, ERCOT bus average and ERCOT hub average
 - ✓ Load Zone prices
 - ✓ Hub to Load Zone CRR Values
 - ✓ Top 15 Lines by Value of Congestion
- Summary of Input Assumptions:
 - ✓ Electricity Demand
 - ✓ Generation Capacity by fuel type and zone
 - ✓ Transmission Constraints

To obtain the 2015 ERCOT Outlook Report, contact Julie Chien at Julie.Chien@energyonline.com

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