



Power Analyst



AURORA xmp® for the Power Analyst

Exceptionally fast yet comprehensive and consistent.

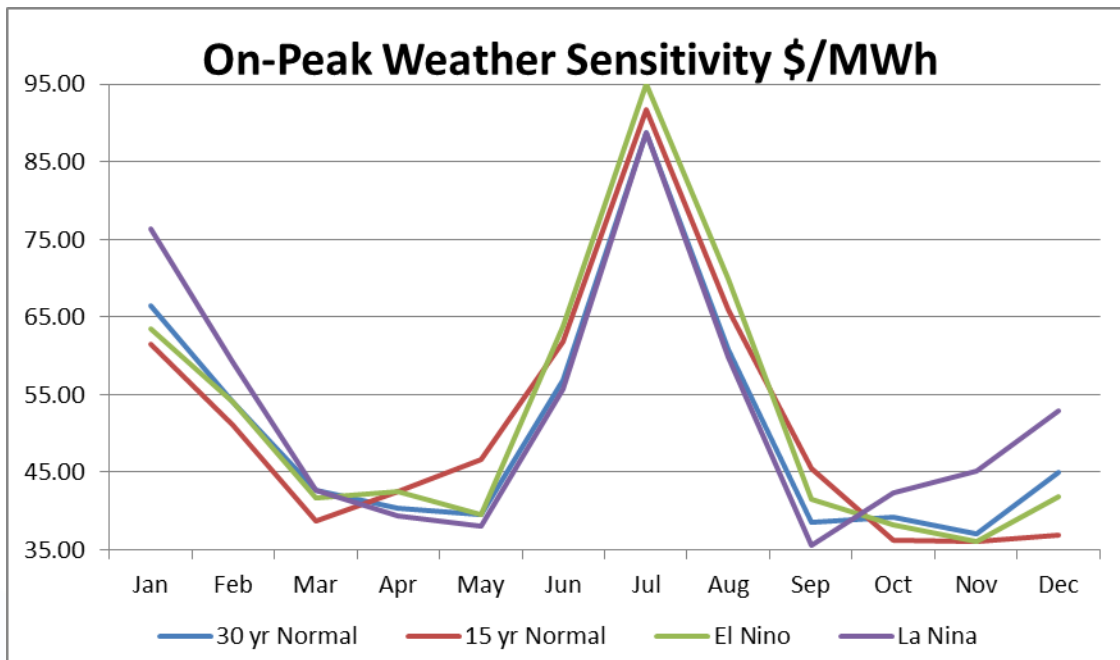
AURORA xmp is designed for both the inexperienced to the experienced analyst. Windows architecture, intuitive interface, and flexible data structure facilitates rapid deployment and use. Unlimited access to the best in industry technical support ensures a successful implementation.

AuroraXMP offers you a complete database of around 14000 units for the North American market and around 7000 units for European markets each with over 90 attributes with many of them in your control. These attributes cover the range from physical characteristics (e.g. capacity, heat rate) to performance characteristics (bidding blocks, outage schedule).

Superior speed and automation gives you the power to run scenarios and provides a better understanding of the markets and the extent of risk your fleet face.

Price Forecasting

AURORA xmp produces both short-term and long-term price forecasts for all major market zones and trading hubs. You have the power to understand the near-term impact of weather changes.



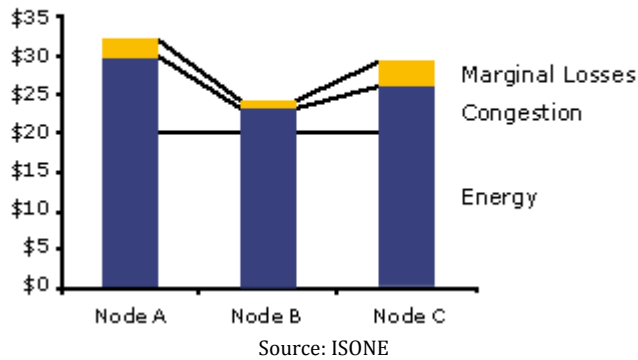


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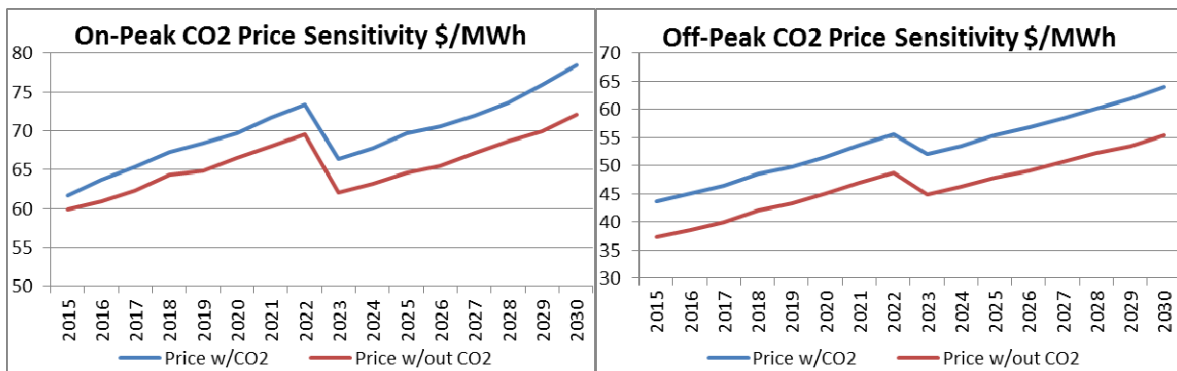


For those in wholesale energy markets (such as PJM, ISONE, MISO, ERCOT and CAISO) that use Locational Marginal Pricing (LMP), AURORAxmp has powerful capabilities to simulate the marginal cost of serving the next increment of demand at a transmission node consistent with transmission constraints. LMP prices may be calculated at all the simulated price locations on the grid, including nodes and trading hubs. The LMP prices generally consist of three components: Energy, Congestion, and Losses.

Three Components of LMP



For the long-term you will have the power to understand the impact of CO2 prices on both the on-peak and off-peak.





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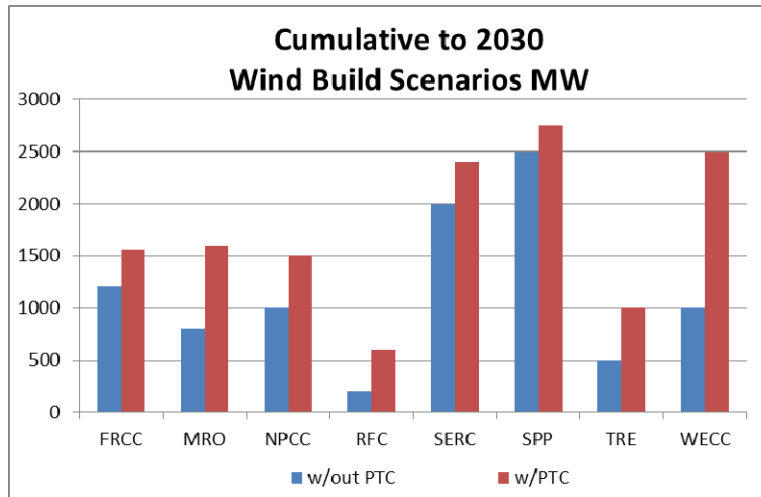
Resource/Portfolio Analysis

AURORA xmp uses market fundamentals and advanced dispatch logic to give energy executives, developers and resource planners an accurate view of a resource or portfolio's value. Whether you are looking into acquiring, selling, or optimizing resources, the features in AURORA xmp can help you examine that unit's value under multiple scenarios.

20 Year Base Simulation						
	Total NPV	Total Fixed Cost	Total Revenue	Variable Cost (Fuel + OM)	Total Capacity MW	Average Age of Portfolio
Portfolio A	\$7,840,157	\$1,543,782	\$33,775,636	\$27,479,261	13688	28
20 Year Base Simulation w/ \$50/ton CO2 & \$8+/mmbtu Gas						
	Total NPV	Total Fixed Cost	Total Revenue	Variable Cost (Fuel + OM)	Total Capacity MW	Average Age of Portfolio
Portfolio A	\$6,507,330	\$1,281,339	\$28,033,778	\$22,807,787	13688	28

Long-term Modeling

AURORA xmp's advanced logic uses market economics to determine the long-term resource mix under varying future conditions including fuel prices, available generation technologies, environmental constraints, and future demand forecasts. You can quickly understand the long-term impact to the fleet due to potential environmental policy for resource technology opportunities.

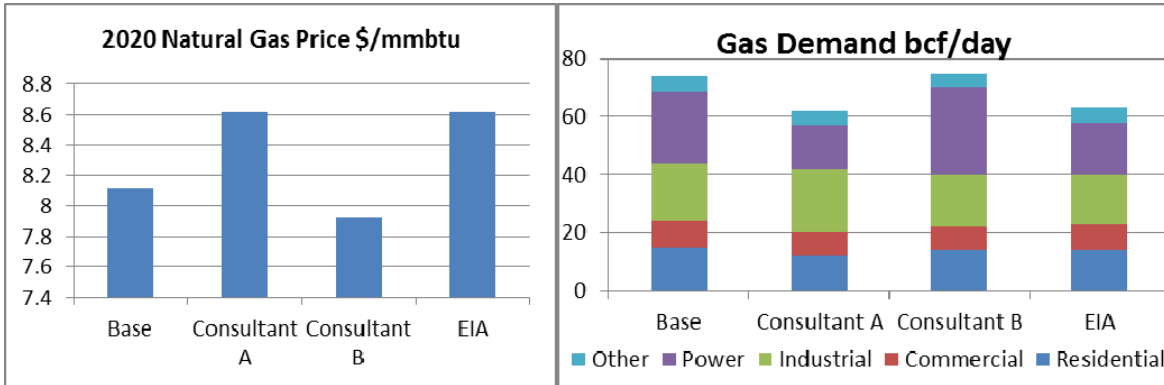




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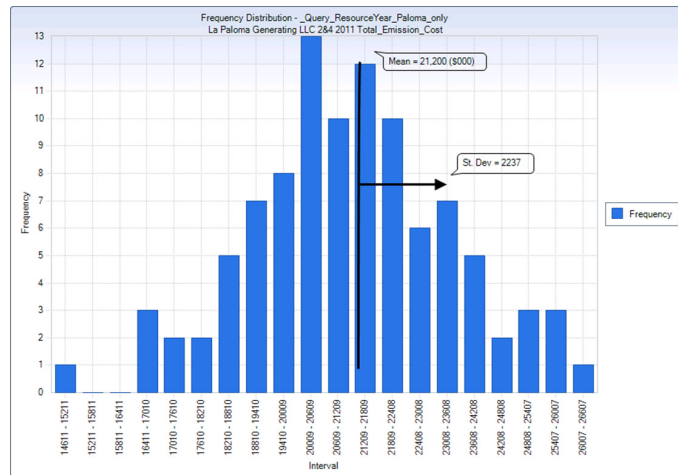
Perhaps you want to understand the various long-term outlooks by various pundits and rationalize the companies view with these outlooks.



Risk Analysis

AURORAxmp enables you to examine uncertainties around demand, fuel prices, transmission constraints, hydro conditions and other variables. Large amounts of information are available from a risk run, allowing detailed analyses.

All the risk features expected from a risk analyst are in AuroraXMP from Monte Carlo to Latin Hypercube simulations.



The power is in your hands with **AURORAxmp**