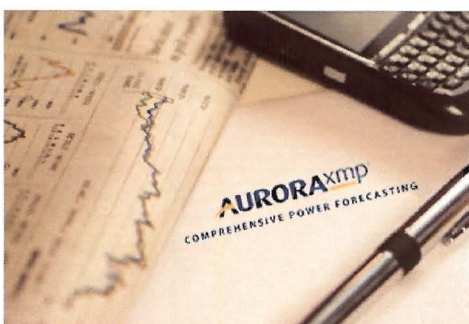


AURORA[®]xmp: ONE TOOL

AURORA[®]xmp Delivers:

- *Powerful and Accurate results*
- *Unrivalled data management*
- *Powerful Computational Tools*
- *Time Saving Project Management*
- *Complete Control and Transparency*
- *Highly Flexible User Interface*
- *Customized Data Inputs/Outputs/Views*
- *Extensive Charting
& Reporting Capabilities*



The **AURORA[®]xmp Electric Market Model** is the most comprehensive, reliable electricity market forecasting tool available. In a single product,

AURORA[®]xmp delivers the capability to produce electric market price forecasts, value analysis, uncertainty analysis, and automated system optimization functionality; it also includes one of the finest databases available.

AURORA[®]xmp is developed by industry professionals to model a dynamic and volatile marketplace. No other product in the market combines state of the art technology, industry experience, and a user-friendly interface.

Energy providers, power marketers, energy consultants and utilities use **AURORA[®]xmp** for:

- Electric Market Price Forecasting
- Resource and Contract Valuation
- Power Costs
- Long-term Capacity Expansion Modeling
- Risk Analysis
- Scenario Analysis
- LMP and FTR Analysis



AURORAxmp®: ONE TOOL



“AURORAxmp is a model unlike any other available in the market. Not only does it deliver world class forecasting, valuation capabilities, uncertainty analysis, and automated system optimization AURORAxmp enables the highest level of software integration, model control and easy data exchange to save our users time and money. We call that ‘extensible modeling power’ – or XMP.”

-Warren H. Winter, CEO,
EPIS, Inc.

Forecasting

- Day-ahead, monthly and long-term price forecasts
- On-peak / off-peak pricing
- Prices by market areas, zones or trading hubs
- Advanced hourly commitment and dispatch logic
- Exceptional speed: outperforms other models

Resource Valuation and Net Power Costs

- Resource and portfolio valuation
- Power costing
- Market exposure
- Flexibility in analyzing complex contracts and portfolio options
- User-specification of resources and contract types

Risk and Uncertainty Analysis

- Complete risk and uncertainty analysis
 - Fuel price, hydro and load volatility
 - Volume and price uncertainty
 - Sensitivity analyses
 - Hedging strategies analyses
- Random or Latin Hypercube treatment of price drivers
- Flexible definition of stochastic variables

Long-term Capacity Expansion Modeling

- Capacity expansion and retirements
- Lifecycle analysis
- Automated resource optimization logic
- Unlimited definition of supply alternatives
- Optional built to reserve margin logic

Additional Features

- Fully integrated Nodal/LMP analysis
- Time saving tools including:
 - User definable screens, reports, and graphs
 - Robust Scenario management
 - Automated data inputs
- Full access to all inputs and outputs