



AURORAxmp[®]: Fully Integrated Locational Marginal Pricing

AURORAxmp Delivers:

- *Both Optimal Power Flow (OPF) and Security Constrained Optimal Power Flow (SCOPF) solution options*
Unrivalled data management
- *Consistent chronological data utilized in the nodal solution*
- *Generation and load profiles may significantly impact LMP, FTR Values*
- *GIS maps and display options*
- *Complete Control and Transparency*
- *Complete solution pre-packaged with all the data needed to perform analyses*
- *Priority on ease of use and speed*
- *Extensive Charting & Reporting Capabilities*

The **AURORAxmp Electric Market Model** delivers to power marketers, developers, and resource planners a market a fully integrated market analysis package that provides zonal as well as nodal functionality.

This new nodal capability includes a detailed database, sophisticated generation commitment and dispatch logic, risk, and portfolio capabilities of **AURORAxmp**. Decision makers can obtain the results they need in a timely fashion, for tasks such as bus-level locational marginal price (LMP) forecasts, valuations of financial transmission rights (FTRs), and long-term asset valuation.

This state-of-the-art transmission analysis capability delivers:

- LMP and FTR Values
- Both Optimal Power Flow (OPF) and Security Constrained Optimal Power Flow (SCOPF) solution option.
- Consistent chronological data utilized in the nodal solution.
- GIS maps and display options.
- All of AURORAxmp's renowned power and flexibility including:
 - Scenario analysis
 - Risk Analysis
 - Powerful and flexible output reporting options
- Complete solution pre-packaged with all the data needed to perform analyses.

Nodal analysis data can only be delivered to entities which have received Critical Energy Infrastructure Information ("CEII") approval from FERC or have received approval from an appropriate RTO/Pool/etc which provides CEII data. EPIS is required prior to delivery to confirm that the receiving entity has the appropriate approval.