



AURORA^{xmp}®: RISK ANALYSIS

AURORA^{xmp} performs many operations within a risk scenario, including:

- Evaluate the Effect of Volatile Market Conditions
- Test Hedging Strategies
- Understand Volume and Price Uncertainty
- Perform Sensitivity Analyses
- Develop Bidding Strategies

AURORA^{xmp}'s unique combination of analytical power and speed has made it an indispensable tool for risk analysis.

Maximum Flexibility and Speed in Analyzing Risk and Uncertainty

AURORA^{xmp}'s impressive speed and variety of statistical outputs provide both executives and analysts with the unique capability to accurately measure value at risk. AURORA^{xmp} helps you win—even in times of uncertainty and volatility.

AURORA^{xmp} enables users 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 for detailed analyses.



Features

- Normal, log-normal, uniform and binomial distributions
- Internal Monte Carlo and Latin-Hypercube simulations
- Positive and negative correlation of variables
- Flexible selection of assumptions, drivers and stochastic variables
- Histogram results

Benefits

- Captures effects of market volatility
- Enables analysis on a full set of statistical results
- Produces a stratified distribution of results in fewer runs
- Enables any number of output variables to be selected
- Easily integrates with other models or analytical tools
- Allows full view of options and alternatives
- Performs multiple analyses in short periods of time