



PRE-CONFERENCE AGENDA

Wednesday, October 26th

AURORAxmp Workshops and Users' Group Meeting

9:00-10:00am Registration & Continental Breakfast

10:00am-12:30pm AURORAxmp Introductory Overview

AURORAxmp® is a one-tool approach to modeling in the electric power industry. It is used by a broad spectrum of organizations including utilities, renewable developers, consultants, traders, gas companies, financial institutions and regulatory agencies. In this session we explore the ways that AURORAxmp® can be used to examine the multiple layers of the power industry, be it the economy, regulation, fuels, environmental policy and generation. We also present the basic capabilities of AURORAxmp for market price forecasting, long range planning, risk analysis, and portfolio valuation. Includes both a presentation as well as a product demonstration.

10:00am-12:30pm AURORAxmp Advanced Sessions

10:00-10:45am Working With Demand In AURORAxmp

Troy Salo, Manager, Integration Services

AURORAxmp provides a number of demand handling options, including a new structure which allows for even more flexibility called Demand Collections. In this workshop, we go through the various demand logic settings and handling methods, with a focus on the new Demand Collection functionality.

10:45-11:30am Intelligent Analysis with AURORAxmp Nodal

Daniel Suurkask, Senior Economist & Manager, Customer Support

AURORAxmp Nodal informs intelligent decision making in nodal RTO markets. This powerful analytical functionality keeps on getting more powerful. In this workshop we provide a short overview of AURORAxmp Nodal and discuss some recent enhancements related to bus and area level demand handling options; the use of separate contingency limits for branches and corridors; and the extension of AURORAxmp Portfolio to nodal.

11:30-11:45am Break

11:45am-12:30pm Recent Long Term Capacity Expansion Enhancements

Morgan Dennis, Analyst

AURORAxmp's Long Term Capacity Expansion (LTCE) is unique in its analytical breadth. In this workshop, we will discuss recent enhancements to the LTCE, including the modeling of retrofits. Existing LTCE users, as well as prospective users, are sure to gain valuable insights by attending this workshop.

12:30-1:30pm Buffet Lunch

1:30-4:30pm AURORAxmp Users' Group Meeting

An opportunity to influence the development direction of electric market modeling

John Scott, Vice President, Development, EPIS Inc.

Users' Group Chairperson, Ben Kujala, BPA



CONFERENCE KICK-OFF EVENT

5:30-9:30pm

Wednesday, October 26th
Hyatt Hill Country Resort and Spa
Luckenbach Pavilion

Complimentary dinner and music for attendees and guests

The entertainment for the evening will be Waco, Texas locals Nolan Pick and the Saw Dust Junkies. They are bringing us Nashville and Texas country as well as music by the likes of Hank Williams, Bob Wills, George Strait and Kevin Fowler. Bring your dancing shoes and prepare to be entertained!

Overlooking the lovely 9th and 18th greens of the Hyatt Hill Country's championship golf course, this covered outdoor pavilion creates a beautiful setting for our evening social event. Dinner will be prepared by Executive Chef Troy Knapp and his culinary team. The menu for the evening includes:

Smoked Chicken Quarters with Chipotle BBQ
Brown Sugar Cured Pork Loin with Warm Apples
Carved to Order Oak Smoked Beef Brisket
Pecan Sausage Links
Creamy Coleslaw
Fire Roasted Barbecue Corn Salad with Poblano Chile
Ranch Salad with Candied Pecans, Baby Tomatoes, Radishes, Cucumbers & Dressings
Horseradish Pickles, House BBQ Sauce, Sliced Red Onions and Whole Grain Mustard
Creamed Corn and Borracho Beans
Smoked Cheddar Potatoes
Green Chili Cornbread with Whipped Butter and Local Honey
Warm Peach Crisp
Pecan Torte with Bourbon Caramel
Chocolate Brownie Cobbler with Sweet Cream Ice Cream

CONFERENCE AGENDA

Thursday, October 27th

Electric Market Forum

These sessions will be in panel format with 10-20 minute presentations from each panelist, followed by a group discussion.

- 7:00-8:00am** **Registration/Conference Breakfast Buffet**
- 8:00-8:15am Conference Introduction
Ben Thompson, Vice President, EPIS Inc.
Panel Moderator: David Bellman, Technical Sales Executive, EPIS Inc.
- 8:15-9:15am Keynote Speaker w/ 10 minute of Q & A
Douglas J. Arent, Ph.D. MBA Executive Director Joint Institute for Strategic Energy Analysis, JISEA NREL.
He will be discussing the geo-political issues and the potential impacts to the US energy industry.
- 9:15 -9:25 am** **BREAK**
- 9:25-10:30am Issues From the Outside Looking In w/ 10 minute of Q & A
Seth Schwartz, President Energy Ventures Analysis
John Moore, Founder and Principal, Stratus Energy Group, LLC
Gürcan Gülen, Center for Energy Economics Bureau of Economic Geology,
The University of Texas at Austin
- 10:35 – 11:40pm Fuel Issues w/ 10 minute of Q & A
Hans Daniel, Vice President Market Analysis and Strategy, Alpha Natural Resource
Andrew Slaughter, Business Environment Advisor - Upstream Shell Exploration & Production Company
He will be speaking on behalf of the National Petroleum Council on the latest study Prudent Development: Realizing the Potential of North America’s Abundant Natural Gas and Oil Resources
- 11:45am-12:45pm** **LUNCH**
- 12:45– 2:15pm Planning Issues from the Insiders - East to West of North America
Jim Parmelee, Asst. Vice President Planning and Analysis, Long Island Power Authority
Steve Sim, Supervisor of IRP Florida Power & Light
Frank Almaraz, Sr. Director Generation Research & Planning, CPS Energy
Charlie Black, Power Planning/Marketing Manager, Riverside Public Utilities
- 2:15 -2:25pm** **BREAK**
- 2:25-2:45pm Q & A for the Views from the East to West of North America
- 2:45pm **Closing Remarks**
Ben Thompson, Vice President, EPIS Inc.
- 3:00pm **Meet for Alamo Tour Bus or Golf Scramble**

THURSDAY AFTERNOON ACTIVITIES

3:00-6:00pm

Conference Afternoon Activities

Complimentary activity for Attendees and Guests

Option 1: 9 Hole Golf Scramble on the Hyatt Hill Country Golf Course



Option 2: Tour of the Alamo – transportation is included.



Evening

Open for individual dinners/activities. Please refer to your check-in packet for restaurant suggestions. If you plan on staying on the property for dinner, please make a reservation with the restaurant in advance.

CONFERENCE AGENDA cont'd

Friday, October 28th

Applied Market Forecasting

7:45am-12:00pm

Morning Sessions

Friday presentations are given by expert users of AURORAxmp on how they've applied the model to address challenging issues in the marketplace. Presentations include insightful and effective examples modeling wind and other renewable resources, portfolio strategy and risk, emissions, automations, etc.

8:00-8:45am

Modeling Coal-Gas Fuel Displacement

Manan Ahuja, Assistant Vice President, US Power and Gas Trading, Barclays Capital
It is an often asked question - "How much more coal burn for power will be displaced by gas burn if natural gas prices drop by "K" \$/mmbtu?". This requires detailed modeling of coal prices, transportation rates, emissions, power plant characteristics (must run, up/down/min-run times etc.). Comparing various gas price scenarios and tying results with observed history.

8:45-9:30am

Emissions Modeling

Renshi Zhang, Director of Economic Modeling, GDF Suez

9:30-10:15am

Alberta Generation Outlook

Nicole LeBlanc, Manager - Forecasting, AESO

Examples of how AURORAxmp is used within the Alberta Electricity System Operators functions of developing and operating the market, transmission system development, transmission system access and system operations.

10:15-10:30am

Break

10:30-11:15am

Idaho Power's use of AURORAxmp to Value Contract Pricing for PURPA Projects

Rich Pagoaga Jr., Senior Power Supply Planning Analyst, Idaho Power

How AURORAxmp is used to model PURPA contract pricing and how Idaho Power has worked with EPIS in improving their AURORAxmp® setup for PURPA contract pricing.

11:15am-12:00pm

Parameterizing Proprietary Hourly Load Inputs to AURORAXMP

Derek Salvino, Analyst, Direct Energy

The creation and use of custom hourly load shapes from historical data and peak and energy inputs, adjusted for any time period.

12:00pm

Closing Remarks and Drawing

Box Lunch Provided

Sponsored by EPIS, Inc.

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