



## Pre-Conference Agenda

**Wednesday, Sept. 6, 2017 - AURORA Workshops & Users' Group Meeting**

**9am - 10am Registration and Continental Breakfast - Treasure Island Ballroom A&B**

**10am - 12:30pm Introductory Overview - Treasure Island Ballroom D**  
This session is designed for new model users and will provide a complete overview of AURORA's features and functionality. This session will also include a live demonstration of the model.

*It is highly recommended to those attending the introductory session to bring a Wi-Fi capable device such as a tablet or laptop for the live demo.*

**10am - 12:30pm Advanced Sessions - Treasure Island Ballroom A&B**  
10am - 10:40am Resource Modeling Tips  
10:40am - 11:25am The U.S. Disaggregation & Other Recent Database Enhancements  
11:25am - 11:40am Break  
11:40am - 12:10pm Nodal Data & Model Enhancements  
12:10pm - 12:30pm Improving Model Productivity

**12:30pm - 1:30pm Lunch - Phil's Italian Steak House**  
*Sponsored by:*



**FILSINGER ENERGY**  
PARTNERS

**1:30pm - 4pm Users' Group Meeting - Treasure Island Ballroom A&B**  
An opportunity to influence the development direction of electric market modeling.

# Conference Kickoff

**Wednesday, Sept. 6, 2017 - Eldorado Canyon**

**5pm - 9pm** Join us for a casual and relaxing evening at Eldorado Canyon for drinks, a BBQ dinner and a tour of the Techatticup Mine; the oldest, richest and most famous gold mine in Southern Nevada. This event is for attendees and their "plus-one" guest.

*Transportation will be provided for all attendees and guests. Please meet in the lobby at 5pm for shuttle departures. Approximate return time is 9pm.*

# Conference Agenda

Thursday, Sept. 7, 2017 - Electric Market Forum

- 7am - 8am**      **Breakfast - Phil's Italian Steak House**
- 7:45am - 8:15am**      **Registration - Treasure Island Ballroom A&B**
- 8:15am - 8:30am**      **Conference Introduction - Treasure Island Ballroom A&B**
- 8:30am - 11:45am**      **Speaker Presentations - Treasure Island Ballroom A&B**  
8:30am - 9:15am      RPS in California  
*Arne Olson, Partner | Energy+Environmental Economics (E3)*
- 9:15am - 10am      The Rise of Utility-Scale Storage: Past, Present, Future  
*Cody Hill, Manager, Energy Storage Systems | LS Power*
- 10am - 10:15am      Break
- 10:15am - 11am      Challenges and Solutions for Demand Response and Energy Storage  
Integration into Power Market Operations  
*Masood Parvania, Ph.D., Director - Utah Smart Energy Lab | The University  
of Utah*
- 11am - 11:45am      Utility Scale PV - Innovations in Technology, Plant Capabilities and  
Integration with Storage  
*Mahesh Morjaria, Ph.D, VP, PV Systems | First Solar, Inc.*
- 11:45am - 12:45pm**      **Lunch - Phil's Italian Steak House**  
*Sponsored by:*
- The logo for Wärtsilä, featuring a stylized blue and orange circular graphic above the company name "WÄRTSILÄ" in a bold, sans-serif font.
- 12:45pm - 2:15pm**      **Speaker Presentations - Treasure Island Ballroom A&B**  
12:45pm - 1:30pm      Hoover Dam Hydropower and River Operations  
*Mark R. Cook, Manager | Hoover Dam*
- 1:30pm - 2:15pm      Long-Term Planning and Integration of Renewables at a Mid-Sized Utility  
*Lee Alter, Senior Analyst, Resource Planning | Tucson Electric Power*
- 2:15pm - 2:30pm**      **Closing Remarks - Treasure Island Ballroom A&B**

### **3pm – 6pm Afternoon Networking Activities**

**TopGolf** - From aspiring golf pros to those who have never walked 18 holes, it's anyone's game. Players hit micro-chipped golf balls that track each shot's accuracy and distance while awarding points for hitting targets in the outfield. Enjoy this competitive, fun, sleek way to play along with top-notch food and drink.

**The Mob Museum** - Experience a world-class, interactive journey, with an insider's look at the authentic history and the continuing battle between organized crime and the law. The group will work together to prevent a crime from being committed while enjoying tasty food and drinks!

**Lip Smacking Foodie Tour** - A culinary walking tour that visits four of Vegas' most highly acclaimed restaurants, samples the best signature dishes by award-winning chefs, and includes insider information about Las Vegas and the sights along the way. Bon appétit!

*Transportation will be provided for all participants - meet in the lobby for shuttle departures at 3pm. Approximate return time is 6pm.*

# Conference Agenda (continued)

Friday, Sept. 8, 2017 - Applied Market Forecasting

- 7am - 8am**      **Breakfast - Phil's Italian Steak House**
- 7:45am - 8:15am**      **Registration - Treasure Island Ballroom A&B**
- 8:15am - 8:30am**      **Opening Remarks – Treasure Island Ballroom A&B**
- 8:30am - 11:45am**      **Speaker Presentations - Treasure Island Ballroom A&B**  
8:30am - 9:15am      Modeling Battery Storage in Aurora: An ISO-NE Case Study  
*Alex Mattfolk, Executive Consultant | Levitan & Associates*
- 9:15am - 10am      Modeling Ancillary Services with Aurora  
*Todd Levin, Ph.D, Energy Systems Engineer | Argonne National Laboratory*
- 10am - 10:15am      Break
- 10:15am - 11am      The ERCOT Experience with Integrating Renewables  
*Chen-Hao Tsai, Ph.D, Senior Energy Economist | University of Texas at Austin*
- 11am - 11:45am      Modeling of Clean Energy policies and rising electrification in New York and New England  
*Marcelo Sáenz, Sr. Consultant | Pace Global*
- 11:45am - 12:45pm**      **Conference Closing Remarks - Treasure Island Ballroom A&B**  
*Drawing for registration giveaway - must be present to win*  
Boxed lunches provided
- 1pm - 5pm**      **Hoover Dam Tour** - The Power Plant Tour offers a combination of presentations by Reclamation guides, audio and film presentations, exhibits and other media that provide a comprehensive view of the massive dam and its operations, as well as highlight many of the unique features around the site.

**No food or drink is permitted inside the Visitor Center except water. The Power Plant tour is not recommended for those with pacemakers or claustrophobia. No weapons, including pocket knives, are allowed inside the Visitor Center.**

*Transportation will be provided for all participants - meet in the lobby for prompt departures at 1pm. Approximate return time is 5pm.*