7th Annual California Power Market Forum

Setting the Bar on the Renewable Portfolio Standard, Distributed Generation and Emerging Energy Technology

December 8-9, 2011 — The San Francisco Marriott Union Square Hotel – San Francisco, CA

DAY 1: Thursday, December 8, 2011
7:30 Conference Registration and Continental Breakfast

8:30 Chair’s Welcome and Opening Remarks
Jerry Bloom, Partner, Winston and Strawn LLP

Panel Discussion
8:45 Renewable Integration
  • What are the latest estimates of renewable integration requirements?
  • What portfolio of generation and non-generation resources — renewable and non-renewable — are required to meet the 33% RPS?
  • How will California grid operators and load-serving entities address renewable intermittency issues?
  • What are the GHG impacts of renewable integration? Are there technical solutions to reduce emissions?
Moderator: Andrew Wang, Director, Development, SolarReserve, LLC
Matt Barmack, Director, Market & Regulatory Analysis, Calpine
Mark Rothleder, Executive Director of Market Analysis and Development, CAISO
Todd Strauss, Senior Director, Energy Policy, Planning & Analysis, Pacific Gas and Electric
Udi Helman, Director of Economic Pricing Analysis, Brightsource Energy

10:15 Networking & Refreshment Break

Panel Discussion
10:45 Distributed Generation and CHP — Are the Governor’s Goals Achievable?
  • Addressing the Governor’s goal of 6,500 MW of CHP and 12,000 MW of DG
  • The relationship between DG and RPS policy
  • Impact on the distribution system
  • The role of Feed-in-Tariffs and net metering
Jerry Bloom, Partner, Winston and Strawn LLP
Carl Lenox, Principal Engineer, SunPower
Ted Ko, Associate Executive Director, Clean Coalition

Keynote
11:45 California’s Progress on Clean Energy Goals
Senator Alex Padilla, D-San Fernando Valley, California State Senate

12:00 Networking Luncheon w/Opening Remarks by:
Lisa Cottle, Partner, Winston and Strawn LLP

1:30 Virtual Bidding and CAISO Markets
- Looking back on CAISO markets over the past year
- How well are CAISO markets functioning?
- Obstacles to better functioning and integrated marketplace
  - lack of price convergence between day-ahead, hour-ahead, and real-time prices
  - lack of capacity market in California
- What has been done to address these obstacles and their likelihood of success?
- CRR market enhancements
- Increased data transparency
Frank A. Wolak, Professor, Department of Economics, Stanford University
Chris Carpenter, Director, DC Energy

2:15 Impact of the Dodd-Frank Act on California Power Markets
- What is central counterparty clearing?
- Why do global governments want to see more central counterparty clearing?
- How will the new act impact California Power Markets?
- When will these impacts occur?
- Will the CRR markets be impacted, if so how?
Paul Cusenza, Chief Executive Officer, Nodal Exchange, LLC
Randi Abernethy, Director, Nodal Exchange Clearing, LCH.Clearnet

2:45 Networking & Refreshment Break

3:15 Dynamic Pricing for Retail Customers
- Gaining customer acceptance
- Utility frustration
- Dynamic pricing structures
- Intelligent policy implications
- Principles of a new electricity constitution
- Perfect Power seal of approval
Kurt Yeager, Executive Director, Galvin Electricity Initiative
Panel Discussion

4:00 Progress on Implementation of AB 32
  • AB 32 program overview and implementation status
  • Carbon market update
  • Impacts on the power markets, regulated entities, and retail customers

Moderator: Frank A. Wolak, Professor, Department of Economics, Stanford University
Harry Singh, Vice President, Goldman Sachs
Alex Jackson, Staff Attorney, Energy Program, Natural Resources Defense Council
John Battaglia, Vice President, GHG Americas, Evolution Markets, Inc.
Kedin Kilgore, Head, US Emissions Trading, Barclays Capital

5:15 – 6:15 Cocktail Reception

DAY 2: Friday, December 9, 2011

7:45 Continental Breakfast:

8:30 Chair’s Review of Day One
Jerry Bloom, Partner, Winston and Strawn LLP

Panel Discussion

8:45 New Developments in California Transmission Planning
  • Impact of FERC Order 1000
  • Will this increase demand for renewables that necessitate new and upgraded transmission?
  • Removing federal right of first refusal for facilities in a regional transmission plan
  • What contingency plans need to be developed by providers to offset delays due to siting and permitting?

Moderator: Udi Helman, Director of Economic Pricing Analysis, Brightsource Energy
David Mead, Senior Vice President, Southern California Edison Company
Timothy A. Simon, Commissioner, California Public Utilities Commission
Wayne Stevens, Managing Director, Critical Path Transmission
Don Furman, Senior Vice President of External Affairs, Iberdrola Renewables
Lisa Szot, Vice President, Transmission, Enel Green Power North America

Case Study
10:00 Palmdale Hybrid Power Project
  • Integrating natural gas-fired, combined-cycle system equipment system equipment with parabolic solar thermal generating technology
  • 570 MW hybrid power plant

Laurie Lile, Assistant City Manager, City of Palmdale

10:30 Networking & Refreshment Break
Case Study
11:00 CPV Sentinel Energy Center
- 800 MW summer peaker and renewable integrator
- $900M financing pioneers the re-emergence of the project finance syndication market
- Overcoming development challenges in California

William Mitchell, Director, Competitive Power Ventures, Inc.

11:30 Emerging Alternate Fuel Technology and Implementation
- Advent of electric vehicles and development of charging stations
  - what does it mean to the grid?
  - practicality of electric vehicles
- Where does energy storage fit as electric vehicle infrastructure needs grow?

Mateo Jaramillo, Director of Powertrain Business Development, Tesla
Jason Wolfe, Vice President of North America, Better Place

12:30 Close of Conference