



May 20, 2014

The City Club
San Francisco, CA

REGISTRATION FEES:

PANC Members: \$125/person
Non-Members: \$175/person
Govt Employee Rate: \$95/person

\$10 Late Fee after May 19th or at the door.
VISA and MasterCard accepted.

No Refunds after May 19th

**The City Club of
San Francisco**

155 Sansome Street
San Francisco, CA 94104

The City Club of San Francisco is located at 155 Sansome Street (between Bush & Pine) in downtown San Francisco. The Seminar will be held in the Main Dining Room –located on the 11th Floor. For driving directions and parking information, please visit: www.cityclubsf.com



PARKING

We recommend **St. Mary's Square Garage** located on Kearny Street with entrances on Kearny, Pine and California Streets. The cost is \$4 per hour from 9-3pm.

PROGRAM AGENDA

8:30am Registration Opens
Continental Breakfast

9:00am **KEYNOTE ADDRESS:**
**The Future of the Utility
Business Model**

RALPH CAVANAGH
Co-Director, Energy Program
Natural Resources Defense Council

9:30am **PANEL 1: The Impact of Increased
Renewable Generation: Emissions,
Reliability & Rates**
(Moderator: Jan Pepper, Silicon Valley Power)

What if California increases its renewable portfolio standard (RPS) to 40% or 50% renewables? What are the positive and negative implications of such a move? This panel will provide different perspectives on the implications of a higher RPS on electric operations, customer rates, and meeting state emissions goals.

NANCY RYAN
Director of Policy & Strategy
Energy & Environmental Economics

TODD STRAUSS
Senior Director, Energy Policy
Planning & Analysis
Pacific Gas & Electric Co.

V. JOHN WHITE
Executive Director
Center for Energy Efficiency &
Renewable Technologies (CEERT)

11:00am Break

11:15am **PANEL 2:**
**Resource Adequacy Issues for
California - Cost and Risk**
(Moderator: Stephen St. Marie, CPUC)

Coal is gone, SONGS is retired, the OTC plants are on a firm retirement schedule, and, at least according to the CEC, California is fully resourced for the next decade. So, what are the Cost and Risk issues we face regarding Resource Adequacy for California?

MATTHEW BARMACK
Director, Market & Regulatory Analysis
Calpine Corporation

KARL MEEUSEN
Market Design/Regulatory Policy Lead
California ISO

KEVIN WOODRUFF
Principal
Woodruff Expert Services

12:30pm Luncheon / Networking

1:00pm **LUNCHEON ADDRESS:**
**High Speed Rail - A Case Study
of California Infrastructure
Investment**

DAN RICHARD
Chairman
California High-Speed Rail Authority

2:00pm Seminar Adjourns

RESERVATIONS REQUIRED by May 19th

Name _____ First Name (for badge) _____

Company _____

Address _____

City _____ State _____ Zip _____

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If paying by check, please mail to:

**Power Association Of
Northern California**
356 Montserrat Drive
Redwood City, CA 94065



Reservations also
accepted by **Phone:**

(650) 591-7262 (PANC)

ADDITIONAL REGISTRANTS:

Name _____ First Name (for badge) _____

Name _____ First Name (for badge) _____

Total Enclosed \$ _____ VISA MasterCard

Card# _____ Exp. Date _____

Name (on card) _____ Signature _____

FAX reservation form to: **(650) 654-2075**