

CPUC ADVANCED RATE DESIGN FORUM

December 11 and 12, 2017

SCHEDULE & AGENDA

DAY 1:

Cost Drivers in the Electric Industry and the Use of Demand Charges for Non-Residential Customers

Session	Speakers	Time
Introductory Remarks	Commissioner Carla J. Peterman	9-9:15 a.m.
Key Economic Concepts Underlying Electric Rate Design	Severin Borenstein (UC Berkeley)	9:15-10 a.m.
Review of Current Commercial and Industrial Rate Structures and the Rates and Tariff Elements of the DER Action Plan	Bob Levin (CPUC) Senior Analyst, Retail Rates	10:00-10:20 a.m.
Regulatory Assistance Project (RAP) Whitepaper on Commercial Rate Design	Carl Linvill & Jim Lazar (RAP)	10:20-11 a.m.
<u>Panel Discussion</u> <i>Recovering System Level Capacity Costs: Generation and Transmission</i>	Moderator: Paul Phillips (CPUC) Supervisor, Retail Rates Panelists: Severin Borenstein (UC Berkeley) Cathy Yap (CLECA) Ahmad Faruqui (Brattle) Russ Garwacki (SCE) Tom Beach (Crossborder Energy)	11 a.m.-Noon
Lunch		Noon-1 p.m.

<p><u>Panel Discussion</u></p> <p><i>Deep Dive into Transmission Rates: To What Extent is Transmission Capacity Determined by Peak Load?</i></p>	<p>Moderator: Bob Levin (CPUC) Senior Analyst, Retail Rates</p> <p>Panelists: Neil Millar (CAISO) Chris Devon (CAISO) Barbara Barkovich (CLECA) Tom Beach (Crossborder Energy) Margot Everett (PG&E)</p>	<p>1-2 p.m.</p>
<p><u>Panel Discussion</u></p> <p><i>Distribution Cost Recovery: How do Cost Drivers Change at Different Levels of the System and How Should Geographically Diverse Time-Varying Costs Be Recovered with Uniform Tariffs?</i></p>	<p>Moderator: Scott Murtishaw (CPUC) Energy Advisor to President Picker</p> <p>Panelists: Javier Reneses (IIT/LBNL) Cyndee Fang (SDG&E) Dan Cross-Call (RMI) Lon Huber (Strategen Consulting)</p>	<p>2-3 p.m.</p>
<p>Break</p>		
<p><u>Panel Discussion</u></p> <p><i>Distributed Energy Resource Providers' and Customers' Perspectives</i></p>	<p>Moderator: Patrick Doherty (CPUC) Analyst, Customer Generation</p> <p>Panelists: Jim Baak (Stem) Doug Ledbetter (Opterra Energy) Marc Kolb (Tesla) Andrew Papson (Foothill Transit)</p>	<p>3:15-4 p.m.</p>
<p>Additional Q&A on Day 1 Panels</p>	<p>Moderator: Bob Levin (CPUC)</p>	<p>4-4:30 p.m.</p>
<p>Concluding Remarks and Next Steps</p>	<p>CPUC President Picker</p>	<p>4:30-5 p.m.</p>

DAY 2:
Real-Time Pricing, Other Advanced Rates, and Load Management Technologies

Session	Speakers	Time
Introductory Remarks	Commissioner Andrew McAllister California Energy Commission	9-9:15 a.m.
<u>Panel Discussion</u> <i>Design and Implementation of Real-Time Pricing and Other Advanced Dynamic Rates</i>	Moderator: Steve St. Marie (CPUC) Senior Analyst, Policy & Planning Panelists: Chris King (Siemens) Snuller Price (E3) Cyndee Fang (SDG&E) Rob Thomas (SCE) Jamie Fine (EDF)	9:15-10:15 a.m.
<u>Panel Discussion</u> <i>"Prices to Devices" and Other Load Management Technologies: Interaction with Dynamic and Real-Time Rates</i>	Moderator: Simi George (CPUC) Senior Analyst, Policy & Planning Panelists: Aaron Berndt (NEST) David Schlosberg (eMotorWerks) Tyler Rogers (EnergyHub) Jennifer Chamberlin (CPower Energy Management) Sam Harper (Gerdau Steel)	10:15-11:15 a.m.
<u>Panel Discussion</u> <i>Experience with Advanced Dynamic Rates in Other Jurisdictions</i>	Moderator: Diane Fellman (CPUC) Senior Analyst, Policy & Planning Panelists: Ahmad Faruqui (Brattle Group) Javier Reneses (IIT/LBNL) David Kolata (Citizens Utility Board) Doug Staker (Demand Energy)	11:15 a.m.- 12:15 p.m.
Concluding Thoughts and Next Steps	Scott Murtishaw (CPUC) Energy Advisor to President Picker	12:15-12:30 p.m.