



California Public Utilities Commission  
505 Van Ness Ave., San Francisco

**FOR IMMEDIATE RELEASE**

**MEDIA ADVISORY**

Media Contact: Terrie Prosper, 415.703.1366, [news@cpuc.ca.gov](mailto:news@cpuc.ca.gov)

## **CPUC TO HOLD TWO-DAY ELECTRICITY RATE DESIGN FORUM**

SAN FRANCISCO, November 20, 2017 - The California Public Utilities Commission (CPUC) today announced it is hosting a two-day forum to discuss innovative rate design concepts to facilitate integration of renewable energy, lower costs for electricity consumers, and incentivize more efficient use of storage, other demand management technologies, and electric vehicle charging.

**When:** December 11, 2017, 9 a.m.-5 p.m. and December 12, 2017, 9 a.m.-12:30 p.m.

**Where:** CPUC Auditorium, 505 Van Ness Ave., San Francisco; also available via webcast at [www.adminmonitor.com/ca/cpuc/](http://www.adminmonitor.com/ca/cpuc/)

The forum includes leading rate design experts from Stanford, UC Berkeley, California utilities, Spain, and Illinois, as well as representatives from the solar, storage, demand response, and electric vehicle industries. The first day features panels on the use of demand charges for non-residential customers and other approaches to recovering the costs of providing adequate system capacity to ensure reliable electric service. The second day focuses on real time pricing and other dynamic rates, including a discussion of the technologies that enable customers to respond to dynamic rates and customer experiences in other states and countries. See the draft agenda below.

In conjunction with the forum, CPUC staff asked the Regulatory Assistance Project (RAP) to prepare a report on non-residential rate design. The report discusses core principles of rate design, compares California's rate structures to other jurisdictions, and offers recommendations for future modifications to California rates. It is scheduled for release the first week of December.



More information, including a final agenda, the RAP report, and other documents will be posted to [www.cpuc.ca.gov/electricrateforum2017](http://www.cpuc.ca.gov/electricrateforum2017) as they become available.

While a quorum of Commissioners and/or their staff may attend, no official action will be taken.

If specialized accommodations are needed to attend, such as non-English language interpreters, please contact the CPUC's Public Advisor's Office at [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov) or toll free at 866-849-8390 at least five business days in advance of the hearing.

The CPUC regulates services and utilities, protects consumers, safeguards the environment, and assures Californians' access to safe and reliable utility infrastructure and services. For more information on the CPUC, please visit [www.cpuc.ca.gov](http://www.cpuc.ca.gov).

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## **CPUC ADVANCED RATE DESIGN FORUM**

**December 11 and 12, 2017**

**~ DRAFT SCHEDULE & AGENDA ~**

**DAY 1:**

***Demand Charges for Non-Residential Customers***

<b>Session</b>	<b>Speakers</b>	<b>Time</b>
<b>Introductory Remarks</b>	<b>Commissioner Carla J. Peterman</b>	<b>9- 9:15 a.m.</b>
<b>Key Economic Concepts Underlying Electric Rate Design</b>	<b>Severin Borenstein (UC Berkeley)</b>	<b>9:15- 10 a.m.</b>



<p align="center"><b>Review of Current Commercial and Industrial Rate Structures the Rates and Tariff Elements of the DER Action Plan</b></p>	<p align="center"><b>Bob Levin</b> (CPUC) Senior Analyst, Retail Rates</p>	<p align="center"><b>10-10:20 a.m.</b></p>
<p align="center"><b>Regulatory Assistance Project (RAP) Whitepaper on Commercial Rate Design</b></p>	<p align="center"><b>Carl Linvill &amp; Jim Lazar</b> (RAP)</p>	<p align="center"><b>10:20-11 a.m.</b></p>
<p align="center"><b><u>Panel Discussion</u></b></p> <p align="center"><i>Recovering System Level Capacity Costs: Generation and Transmission</i></p>	<p align="center"><b>Moderator:</b> <b>Paul Phillips</b> (CPUC) Supervisor, Retail Rates</p> <p align="center"><b>Panelists:</b> <b>Severin Borenstein</b> (UC Berkeley) <b>Cathy Yap</b> (CLECA) <b>Ahmad Faruqui</b> (Brattle) <b>Russ Garwacki</b> (SCE) <b>Tom Beach</b> (Crossborder Energy)</p>	<p align="center"><b>11 a.m.-Noon</b></p>
<p align="center"><b>Lunch</b></p>		<p align="center"><b>Noon-1 p.m</b></p>
<p align="center"><b><u>Panel Discussion</u></b></p> <p align="center"><i>Deep Dive to Transmission Rates: To What Extent is Transmission Capacity Determined by Peak Load?</i></p>	<p align="center"><b>Moderator:</b> <b>Bob Levin</b> (CPUC) Senior Analyst, Retail Rates</p> <p align="center"><b>Panelists:</b> <b>Neil Millar</b> (CAISO) <b>Chris Devon</b> (CAISO) <b>Barbara Barkovich</b> (CLECA) <b>Tom Beach</b> (Crossborder Energy)</p>	<p align="center"><b>1-2 p.m.</b></p>



<p style="text-align: center;"><b><u>Panel Discussion</u></b></p> <p style="text-align: center;"><b><i>Distribution Cost Recovery: Recovering Geographically Diverse Time-Varying Costs with Geographically Uniform Tariffs</i></b></p>	<p style="text-align: center;"><b>Moderator:</b> <b>Scott Murtishaw</b> (CPUC) Energy Advisor to President Picker</p> <p style="text-align: center;"><b>Panelists:</b> <b>Frank Wolak</b> (Stanford University) <b>Javier Reneses</b> (IIT/LBNL) <b>Cyndee Fang</b> (SDG&amp;E) <b>Dan Cross-Call</b> (RMI)</p>	<p style="text-align: center;">2-3 p.m.</p>
<p><b>Break</b></p>		<p><b>3-3:15 p.m.</b></p>
<p style="text-align: center;"><b><u>Panel Discussion</u></b></p> <p style="text-align: center;"><b><i>Distribution Energy Resource Providers' Perspectives</i></b></p>	<p style="text-align: center;"><b>Moderator:</b> <b>Patrick Doherty</b> (CPUC) Senior Analyst, Customer Generation</p> <p style="text-align: center;"><b>Panelists:</b> <b>Jim Baak</b> (STEM) <b>Doug Ledbetter</b> (Opterra Energy) <b>Juliana Mendel</b> (GreenCharge)</p>	<p style="text-align: center;">3:15-4 p.m.</p>
<p style="text-align: center;"><b>Additional Q&amp;A on Day 1 Panels</b></p>	<p style="text-align: center;"><b>Moderator:</b> <b>Bob Levin</b> (CPUC)</p>	<p style="text-align: center;">4-4:30 p.m.</p>
<p style="text-align: center;"><b>Concluding Remarks and Next Steps</b></p>	<p style="text-align: center;"><b>CPUC President</b> <b>Michael Picker</b></p>	<p style="text-align: center;">4:30-5 p.m.</p>



**DAY 2:**

***Real Time Pricing, Other Advanced Rates, and Load Management Technologies***

Session	Speakers	Time
<b>Introductory Remarks and Recap of Day 1</b>	TBD	9-9:15 a.m.
<b><u>Panel Discussion:</u>  <i>Design and Implementation of Real Time Pricing and Other Advanced Dynamic Rates</i></b>	<b>Moderator:</b> <b>Steve St. Marie</b> (CPUC) Senior Analyst, Policy & Planning  <b>Panelists:</b> <b>Frank Wolak</b> (Stanford University) <b>Chris King</b> (Siemens) <b>Snuller Price</b> (E3) <b>Rob Thomas</b> (SCE) <b>Cyndee Fang</b> (SDG&E)	<b>9:15-10:15 a.m.</b>



<p style="text-align: center;"><b><u>Panel Discussion</u></b></p> <p style="text-align: center;"><i>Prices to Devices: Load Management Technologies and Their Interaction with Dynamic and Real Rates</i></p>	<p style="text-align: center;"><b>Moderator:</b> <b>Simi George (CPUC)</b> Senior Analyst, Policy &amp; Planning</p> <p style="text-align: center;"><b>Panelists:</b> <b>Sam Harper</b> (Gerdau Steel) <b>Aaron Berndt</b> (NEST) <b>Erika Diamond</b> (Energy Hub) <b>David Schlosberg</b> (eMotorWerks) <b>Jamie Fine</b> (EDF)</p>	<p style="text-align: center;"><b>10:15–11:15 a.m.</b></p>
<p style="text-align: center;"><b><u>Panel Discussion</u></b></p> <p style="text-align: center;"><i>Experience with RTP and other Advanced Rates in Other Jurisdictions: Strategies to Promote Adoption in California</i></p>	<p style="text-align: center;"><b>Moderator:</b> TBD (CPUC)</p> <p style="text-align: center;"><b>Panelists:</b> <b>Ahmad Faruqui</b> (Brattle Group) <b>Javier Reneses</b> (IIT/LBNL) <b>David Kolata</b> (Citizens Utility Board) <b>Doug Staker</b> (Demand Energy)</p>	<p style="text-align: center;"><b>11:15 a.m.–12:15 p.m.</b></p>
<p style="text-align: center;"><b>Concluding Thoughts and Next Steps</b></p>	<p style="text-align: center;"><b>TBD</b></p>	<p style="text-align: center;"><b>12:15–12:30 p.m.</b></p>

