

High Penetration Solar Forum 2013

Feb 13-14, San Diego, CA

A Joint CPUC - DOE Event

AGENDA

Day 1 – Wed, Feb 13, 2013

Time	Agenda/topic area	Speaker
7:30 – 8:30 am	Breakfast and Registration	
8:30 – 8:50 am	Welcome by UCSD	Byron Washom, UCSD
8:50 - 9:10 am	Welcome by CPUC and Perspective	Melicia Charles, CPUC
9:10- 9:30 am	Welcome by DOE and Perspective	Kevin Lynn, DOE
9:30 - 10:30 am	Utilities Perspective	Thomas Bialek, SDG&E Robert Sherick, SCE Andrew Yip, PG&E
10:30 – 11:00 am	Morning break	
11:00 - 11:45 am	Solar Forecasting and Grid Integration	Jan Kleissl, UCSD
11:45 - 12:30 pm	Integrating PV into Utility Planning and Operation Tools	Tom Hoff, Clean Power Research
12:30 - 1:30	Lunch / Keynote Speaker	Jim Blatchford, CAISO
1:30 - 2:15 pm	High Penetration Solar PV Test Cases in the Florida Grid	Rick Meeker, FSU
2:15 -3:00 pm	HIP-PV: PV Visualization and Integration Update	Dora Yen Nakafuji, HECO and Elaine Sison-Lebrilla, SMUD
3:00 - 3:30 pm	Afternoon Break	
3:30-4:15 pm	Evaluation of High Penetration PV on Distribution Circuits	Jack Brouwer and Josh Payne, UCI
4:15 - 5:00 pm	Modeling, Simulation, Testing and Demonstration of A 500kW Commercial Roof-Top PV System on SCE's Distribution System	Barry Mather, NREL
5:00 – 6:30 pm	Reception	

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Day 2 – Thurs, Feb 14, 2013

Time	Agenda/topic areas	Speaker
7:30 – 8:30 am	Breakfast and Registration	
8:30 – 9:15 am	Alternative Screening Methods PV Hosting Capacity in Distribution Systems	Jeff Smith, EPRI
9:15 – 10:00 am	High Penetration of Photovoltaic Generation Study – Flagstaff Community Power	David Narang, Arizona Public Service
10:00 - 10:30 am	Morning Break	
10:30 - 11:15 am	Value of Energy Storage With PV – Initial Findings	Mark Rawson, SMUD
11:15 - 12:00 pm	High-Penetration PV Modeling, Monitoring, and Analysis	Jason Lai, Virginia Polytechnic Institute
12:00 – 12:45 pm	<ul style="list-style-type: none"> Plug-and-Play Solar Photovoltaics for American Homes Cost Effective Residential Plug and Play Photovoltaic System 	<ul style="list-style-type: none"> Christian Hoepfner, Fraunhofer Doug Danley, North Carolina State University
12:45 - 1:45 pm	Lunch / Networking	
1:45 - 2:30 pm	Development and Demonstration of Smart Grid Inverters for High-Penetration PV Applications	Leon Roose, University of Hawaii
2:30 – 3:15 pm	Transforming PV Installations Toward Dispatchable, Schedulable Energy Solutions	Michael Mills-Price, AE Solar
3:15 – 3:30 pm	Recent DOE Solar Forecasting Awards	Kevin Lynn, DOE
3:30 – 4:00 pm	Final Discussion and Wrap-up Closing Remarks and Next steps	CPUC DOE