



## Solar Power: Making High Penetration Possible

October 15, 2010 8am-noon

8:00-8:15am	Opening Remarks	Kevin Lynn and Jennifer DeCesaro, DOE Christy Herig, SEPA
8:15-8:35am	Solar Integration Studies – an overview of recent studies. How do PV and CSP impact grid operations? What are the mitigation options to accommodate increased variability and uncertainty? How does storage help?	Debbie Lew, NREL
8:35-9:05am	Discussion	
9:05-9:25am	Solar Forecasting – state of the art of solar forecasting, how can forecasts be improved? What are the metrics for forecasting?	Mark Ahlstrom, Windlogics/Nextera
9:25-9:55am	Discussion	
9:55-10:10am	Break	
10:10-10:30am	Solar Variability – what do we know about variability of solar output on different timescales?	Andrew Mills, LBNL
10:30-11:00am	Discussion	
11:00-noon	Utility Panel Discussion – what are utility needs/concerns to accommodate high penetrations of solar?	Jim Blatchford, CAISO Vladimir Chadliev, NV Energy Maryl Freestone, ComEd



Workshop presentations will be available at:

[http://www.nrel.gov/eis/renewable\\_energy\\_integration.html](http://www.nrel.gov/eis/renewable_energy_integration.html)