

Agenda
California Energy Commission
Transmission Research Program Discussion Group
Tuesday, September 29, 2009
8:30 AM –4:30 PM
Westin South Coast Plaza
686 Anton Blvd., Costa Mesa, CA 92626

Please register for workshop planning purposes. To attend, please provide your: **Name, Affiliation, Title, E-mail address, and Phone number**, to:

Gilda Garcia
California Institute for Energy and Environment
gilda.garcia@uc-ciee.org
(916) 769-4508

- 8:30 AM** **Registration**
- 9:00 AM** **Overview of the Day**
- *Jamie Patterson, Energy Commission*
- 9:30 AM** **Welcome from SCE Host**
- *SCE*
 - *SCE R&D and Future Initiatives.*
- 10:00 AM** **SDG&E Microgrid Project**
- *SDG&E*
 - *How Information-based technologies may increase asset utilization and reliability*
- 10:30 AM** **Break**
- 10:45 AM** **A Smarter California Transmission Grid: Synchrophasors for Enhanced Protection**
- *Virgilio Centeno, Virginia Tech*
 - *Using synchrophasors for protection relays.*
- 11:25 AM** **Extreme event research: Approaches for the Risk of Large Blackouts**
- *Ian Dobson, UWM*
 - *What is the risk of unusual and complicated chains of events?*
- 11:55 AM** **Lunch**
- 1:15 PM** **Grid Oscillation Detection, Analysis, & Application Developments**
- *Ning Zhou, PNNL*
 - *Dealing with power oscillations that restrict power flows.*
- 1:55 PM** **Wide-Area Energy Storage & Management System and On-Line Operating Tools for Renewables**
- *Kris Subbarao, PNNL*
 - *Managing intermittent renewables through shared resources and new operator tools.*
- 2:35 PM** **Fault Analysis in Underground Distribution Cables**
- *Igor Paprotny, UC Berkeley*
 - *Novel methods for in-service underground distribution cable diagnosis.*
- 3:05 PM** **Break**

- 3:20 PM** **Automated Demand Response for Ancillary Services**
- *Dave Watson, UC Berkeley*
 - *Using Demand Response to supply transmission ancillary services.*
- 3:50 PM** **Public Discussion**
- *Jamie Patterson, Energy Commission*
- 4:20 PM** **Closing Comments**
- *Jamie Patterson, Energy Commission*
- 4:30 PM** **Adjourn**

For hotel reservations visit: [Southern California Edison TRP PAC Meeting](http://www.starwoodmeeting.com/Book/SCETRPAC) (copy and paste the following link into a web browser)
<http://www.starwoodmeeting.com/Book/SCETRPAC>