

## AGENDA

### Staff Workshop On Selecting Climate Scenarios for the California Energy Sector

Friday, February 27, 2015

CALIFORNIA ENERGY COMMISSION  
1516 Ninth Street  
First Floor, Art Rosenfeld Hearing Room  
Sacramento, California

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|---------------|---|
| 9:30 – 9:40   | Welcome and introductions   |
| 9:40 – 9:45   | Meeting objectives (Susan Wilhelm, Energy Commission)   |
| 9:45 – 10:05  | Climate scenarios for the California energy system: expected outcomes (Guido Franco, Energy Commission) |
| 10:05 – 10:15 | Climate scenarios for the water sector (Elissa Lynn, California Department of Water Resources)          |
| 10:15 – 10:25 | Discussion  |

#### **Selecting Climate Scenarios For The Energy Sector**

This session is designed to present and discuss the scenarios that would be used for the energy sector and what additional data may be needed (e.g., locations where streamflows should be estimated to include hydropower units that have not been studied in the past).

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| 10:25 – 10:45 | Climate scenarios for California using LOCA (Localized Constructed Analogs) (David Pierce, Scripps Institution of Oceanography)            |
| 10:45 – 11:00 | Developing climate scenarios of the energy sector at UCLA (Alex Hall, UCLA)  |
| 11:00 – 11:10 | Initial ideas on how to develop scenarios with prolonged droughts for California (Dan Cayan, Scripps Institution of Oceanography and USGS) |
| 11:10 – 11:50 | Discussion   |

11:50 – 1:00            Break for Lunch

### **Other Climate Scenarios That May Be Used for the Energy Sector**

Other groups are developing climate scenarios that would be useful to consider for adaptation studies. This session is designed to find out about their status and the potential advantages in considering them for studies for the energy sector.

1:00 – 1:10            Probabilistic scenarios developed by the U.S. Bureau of Reclamation (Subhrendu Gangopadhyay, USBR)  
1:10 – 1:20            Climate scenarios with high spatial resolution (Alan & Lorraine Flint, USGS)  
1:20 – 1:50            Discussion  
1:50 – 2:00            Break

### **Secondary Scenarios For The Energy Sector**

The purpose of this session is to receive preliminary input on proposed approaches to develop secondary scenarios for the energy system

2:00 – 2:15            Developing “probabilistic” climate and sea-level rise scenarios for California: A proposed approach (Dan Cayan)  
2:15 – 2:30            Developing new wildfire scenarios for the energy sector: a proposed approach (LeRoy Westerling, UC Merced)  
2:30 – 3:15            Discussion  
3:15 – 3:25            Final Remarks (Guido Franco)