



**California Energy Commission
IEPR Lead Commissioner Workshop**

California Energy Commission

DOCKETED

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TN # 71061

MAY 31 2013

CLIMATE CHANGE AND THE ENERGY SECTOR

June 4, 2013 – 10 a.m.

Hearing Room A

AGENDA

Introduction

Suzanne Korosec, IEPR Lead

Opening Comments

Chair Robert B. Weisenmiller, Energy Commission

Commissioner Karen Douglas, J.D., Siting Lead Commissioner

Workshop Overview

Laurie ten Hope, Energy Commission

Climate Projections and the Energy and Transportation Sectors

Potential use of probabilistic summer forecasts as a climate readiness tool for the energy sector – **David Pierce, Scripps Institution of Oceanography**

Trends in and projections of climate extremes of importance to the energy sector – **Dan Cayan, Scripps Institution of Oceanography**

The rising tide: Why Californians should care about Antarctica and Greenland – **Joshua Willis, Jet Propulsion Lab, and Dan Cayan, Scripps Institution of Oceanography**

Potential impacts to the transportation infrastructure system – **Garth Hopkins, CalTrans**

Lunch (12:10 p.m. to 1:10 p.m.)

Impacts of Climate Change on Energy Supply

Climate change and hydropower generation for PG&E – **Craig Bolger, PG&E**

Potential effects of sea-level rise on energy infrastructure in the Sacramento-San Joaquin Delta – **Gregory Biging and John Radke, UC Berkeley**

Endangered species, climate change, and renewable energy – **Todd Esque and Ken Nussear, USGS**

Break

Energy Sector Responses to Climate Change

Thermal power plants and hot days – **John Maulbetsch, Consultant**

LADWP prepares for climate impacts – **Gretchen Hardison, LADWP**

Climate readiness/adaptation options for SMUD – **Kathleen Ave and Obadiah Bartholomy, SMUD**

Energy Assurance for California: CaLEAP and other programs – **Andrew Petrow, ICF International**

Public Comments

Adjourn (~5:00 p.m.)