

AGENDA

2010

CA Energy & Air Quality

Virtual Conference

Oct. 12, 2010: MAXIMIZING GREENHOUSE GAS & AIR QUALITY CO-BENEFITS

California Energy Commission - 1516 Ninth Street, Sacramento, CA 95814

2nd Floor Conference Room

9:00am - 12:30pm

Introductions/Opening Remarks, *Marla Mueller*

Key Note Speaker Commissioner Eggert, California Energy Commission

Session Chair, *Guido Franco*

Presentations:

- ▶ Climate Change Impacts on Air Quality in California *Nehzat Motallebi*
- ▶ Realistic Application and Energy and Air Quality Implications of Distributed Generation-Combined Heat & Power *Vince McDonell*
- ▶ Multi-episodic and Seasonal Evaluation of Impacts of Heat Island Control and Solar Power Generation on Meteorology and Air Quality *Haider Taha*
- ▶ Greenhouse Gas and Air Emissions Reductions through Energy and Peak Load Reductions and Renewable Generation *Chris James*
- ▶ Greenhouse Gas and Air Quality Implications of Renewable Energy Options, An Overview *Jack Brouwer*

Oct. 19, 2010: AIR QUALITY IMPACTS OF DIVERSIFYING THE GRID

South Coast Air Quality Management District - 21865 Copley Drive, Diamond Bar, CA 91765

Conference Room CC8

9:00am - 12:30pm

Introductions/Opening Remarks, *Marla Mueller*

Key Note Speaker John White, Center for Energy Efficiency And Renewable Technologies

Session Chair, *Laki Tisopoulos*

Presentations:

- ▶ Air Pollution and Environmental Justice: Guidance for Regulatory Decision-Making *Manuel Pastor*
- ▶ Improving Certification Test Methods for Low Emissions Distributed Generators *Wayne Miller*
- ▶ Assessing Near Field Impact of Distributed Generation through Tracer Studies and Comparing to Central Station Generation *Akula Venkatram*
- ▶ Meteorology-induced Variations in the Spatial Behavior of Summer Ozone Pollution in Central California *Nancy Brown*
- ▶ Behavior of Buoyant Emissions in Urban Areas; Field and Laboratory Studies *Marko Princevac*

Presentations will be posted at
http://www.energy.ca.gov/research/notices/cae_conference/

(over)

Oct. 26, 2010: HOW ENERGY EFFICIENCY AFFECTS INDOOR AIR QUALITY

Lawrence Berkeley National Laboratory - 1 Cyclotron Road, Berkeley, CA 94720

Building 90, Room 3122

9:00am - 1:00pm

Introduction/Opening Remarks, *Marla Mueller*

Session Chair, *Peggy Jenkins*

Presentations:

- ▶ Energy-Related Indoor Environmental Quality Research: Small and Medium Commercial Buildings, Field Study *Deborah Bennet*
- ▶ Energy-Related Indoor Environmental Quality Research: Small and Medium Commercial Buildings, Survey *Michael Apte*
- ▶ ASHRAE 62.1 Indoor Air Quality Procedure: A Suitability Study for California Title 24 and Healthy Zero Energy Buildings Program, An Overview *Michael Apte*
- ▶ Energy and Indoor Environmental Quality (IEQ) Retrofits In Low-Income Apartments *Federico Noris*
- ▶ Natural Gas Variability in California: Environmental Impacts and Device Performance: Experimental Evaluation of Pollutant Emissions from Residential Appliances *Brett Singer*
- ▶ Healthy Homes - Exposure to Unvented Combustion Gases, An Overview *Brett Singer*
- ▶ Residential Energy Savings from Air-tightness and Ventilation, An Overview *Brett Singer*

Nov. 2, 2010: AIR QUALITY IMPLICATIONS OF INCREASING ALTERNATIVE FUEL USE

University of California, Irvine - Engineering Laboratory Facilities, CA 92697

Building 323

9:00am - 12:30pm

Introductions, *Linda Spiegel*

Key Note Speaker Commissioner Boyd, California Energy Commission

Session Chair, Kevin Shea

Presentations:

- ▶ Natural Gas Variability in California: Environmental Impacts and Device Performance *David Rue*
- ▶ Effect of Natural Gas Fuel Composition on Vehicle Emissions and Performance *Tom Durbin*
- ▶ Gaseous Fuel Interchangeability Criteria Development *Vince McDonnell*
- ▶ Air Quality Impacts of Liquefied Natural Gas in the South Coast Air Basin in California *Marc Carresas-Sospedra*
- ▶ Air Quality Impacts of Hydrogen Infrastructure and Fuel Cell Vehicles *Donald Dabdub*

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