

US EPA ARCHIVE DOCUMENT

**California Bioresources Alliance
(formerly, Pacific Southwest Organics Residual or PORS)
Sixth Annual Symposium**

“Moving Beyond Dialogue to Action”

September 13–14, 2011

Cal/EPA

Coastal Hearing Room

1001 I Street

Sacramento, California

Agenda

September 13, Tuesday

8:30-9:30 am

Welcome

Alexis Strauss, Director, Water Division, U. S. EPA Region 9

Ed Burton, CA State Conservationist, USDA Natural Resources Conservation Service

Keynote

James Boyd, Commissioner, California Energy Commission

Presentation of CBA Award

Allen Dusault, Sustainable Conservation

Opening Statement

Jim Houston, Deputy Secretary, California Department of Food & Agriculture

9:30– 12:15 Session 1: Pricing – The Final Issue?

Part 1: Pricing Overview

What governs the pricing of biogas and biogas-based energy? What factors influence pricing policy? What would the panelists identify as key issues? What are the panelists' recommendations to address or resolve these issues?

Co-Moderator: Dave Warner, San Joaquin Valley Air Pollution Control District

Panel

- Paul Martin, Director of Environmental Services, Western United Dairymen
- Michael Boccadoro, President, Dolphin Group

- Sarah Michael, Advisor to James Boyd, California Energy Commission

10:30 – 10:45 *Break*

Part 2: Feed-in-Tariff Issues and Barriers to Interconnection

What if the CPUC doesn't approve a premium price for renewable power from digesters? Or it only allows a very small increase? How do we pay for stringent water board liner requirements or strict air district emissions standards? Or if the new technologies to meet emissions standards actually work but the companies that make them don't have a viable business model? And what if interconnecting the engine generators with utilities continues to be a problem?

Co-Moderator: Allen Dusault, Sustainable Conservation

Panel

- Ted Ko, Associate Executive Director, Clean Coalition
- Jaclyn Marks, CA Public Utilities Commission
- Jody London, Renewable Energy Consultant, California Farm Bureau Federation

12:00-12:15 Q/A for morning session

12:15-1:15 *Lunch*

Host: Greg Kester, California Association of Sanitation Districts

Speaker: Peter Green, Professor, UC Davis: "Impacts of Volatile Organic Compounds from Compost on Ozone Formation"

1:15–4:30 **Session 2: Stationary and Mobile Source Issues**

Introduction: Anna Yen, Water Division, USEPA Region 9

1:15-2:45 *Part 1: Transportation Case Studies*

Moderator: Kathleen Ave, Energy Research & Development Department, Sacramento Municipal Utilities District

How do environmental impacts associated with transportation affect proposed bioresources projects? How can transportation be reduced or impacts associated with transportation minimized? How do, and how can, air regulations address these? How should transportation considerations be factored in regulatory or project decision making?

Panel

- Scott Olson, Black & Veatch, Food Waste Transportation Study
- Kevin Hardy, General Manager, Encina Joint Powers Authority
- Frank Caponi, Sanitation Districts of Los Angeles County

2:30–2:45 Q & A

2:45–3:00 *Break*

3:00–5:00 *Part 2: Stationary versus Mobile Source Emissions*

Moderator: Kerry Drake, Associate Director, Air Division, USEPA Region 9

Are projects and their alternatives being adequately evaluated to compare mobile and stationary source emissions? How can decisions be arrived at with lowest net air impacts?

Panel

- Richard Cory, Chief, Stationary Sources, California Air Resources Board
- Mike Waugh, Chief, Low Carbon Fuels, CARB
- Representative from South Coast Air Quality Management District (invited)
- Gerardo Rios, Manager, Air Division Permits Office, US EPA Pacific Southwest Region
- Nettie Drake, Ag Power Development
- Paul Martin, Director of Environmental Services, Western United Dairymen
- Frank Caponi, Sanitation Districts of Los Angeles County

4:30-5:00 Q & A

5:00-7:00 *Hosted Reception at the Blue Prynt (815 11th Street btw H and I)*

September 14, 2011 Wednesday

8:30-9:00 **Keynote:** Pamela Creedon, Executive Officer, Central Valley Regional Water Quality Control Board – “The Need for Effective Biomass Management from a Water Quality Perspective”

9:00-10:40 **Session 1: Utilities’ Viewpoints**

Moderator: Karl Longley, California Water Institute and Central Valley Regional Water Quality Control Board

How can energy utilities best promote the successful growth of bio-derived methane and electricity? What policy constraints do energy utilities encounter with feed-in of bio-derived methane and electricity into their distributions systems? From the vantage point of the energy utilities, what are the most significant technical hurdles facing the increased production of bio-derive methane and electricity?

Panel

- Jim Lucas, Project Manager - BioFuels Market Development, Southern California Gas Company
- PG&E (invited)
- Southern California Edison (invited)
- Ken Parks, Customer Generation Manager, Sempra Utilities

10:25-10:40 Q & A

10:40–10:55 *Break*

10:55–12:40 **Session 2: New Technologies**

Moderator: Greg Kester, California Association of Sanitation Districts

What new technologies are successfully moving forward and what are the effective mechanisms to accomplish this? How could the public and private sectors coordinated to finance these and move projects through permitting? What are the best ways to finance projects? What feasible policy changes would better facilitate project development?

Panel

- Ron Kent, Sempra Utilities: Escondido WWTP – Cleaning biogas to pipeline quality
- Dale Hinkens, Advanced Algae
- Kevin Mulvihill, CEO, JHS-International; Tom Kavookjian, Manager of Technical Services, JSH: Prodex-Biological Activity Enhancer
- Steve Hogg, City of Fresno: New Emissions Control Technology

12:20-12:40 Q & A

12:40–1:30 *Lunch*

1:30: Board bus for Cal-Denier Dairy

2:00 – 4:00: Fred Denier: tour of Cal-Denier dairy digester project

4:00: Return to Cal/EPA building