

**California Bioresources Alliance  
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 Bottom Line?**

*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 Commissioner 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*

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?

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

**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*

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?

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

**Panel**

- Richard Cory, Chief, Stationary Sources, California Air Resources Board
- Mike Waugh, Chief, Low Carbon Fuels, CARB
- Ian MacMillan, Program Supervisor, CEQA Intergovernmental Review, South Coast Air Quality Management District
- 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 11<sup>th</sup> 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**

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?

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

**Panel**

- Jim Lucas, Project Manager - BioFuels Market Development, Sempra Utilities
- Andrew Yip, PG&E
- Paul Klapka, Southern California Edison

10:25 – 10:40: Questions and Answers

10:40–10:55 *Break*

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

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?

**Moderator:** Greg Kester, California Association of Sanitation Districts

**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, 10715 Arno Rd., Galt, CA 95632

2:00 – 4:00: Fred Denier, owner, Cal-Denier Dairy: tour of Cal-Denier dairy digester /electricity production project

4:00: Return to Cal/EPA building