RENEWABLE NATURAL GAS CONFERENCE

RNG ADOPTION FROM LAB TO MARKET – ADVANCING TECHNOLOGICAL INNOVATION AND EFFICIENCY GAINS

The University of California, Riverside ◆ CENTER FOR RENEWABLE NATURAL GAS
Bourns Technology Center ◆ 1200 Columbia Avenue ◆ Riverside, CA 92507

Agenda for May 17, 2017

8:00 – 8:30 AM Breakfast and Attendee Check In

8:30 – 8:40 AM Introductory Remarks: Matthew Barth, Director, CE-CERT

8:40 – 9:00 AM CRNG Overview: Arun Raju, Director, CRNG

9:00 – 9:30 AM Decarbonizing the Pipeline
Keynote Presentation by George Minter, Regional Vice President, External Affairs and Environmental Strategy, SoCalGas

9:30 – 10:00 AM Renewable Hydrogen – Nexus of Fuels and Power
Keynote Presentation by Keith Wipke, Fuel Cell & Hydrogen Technologies Program Manager, National Renewable Energy Laboratory

10:00 – 11 AM Panel Discussion 1 – Thermochemical RNG Production – Barriers & Opportunities

The panelists will discuss the major challenges that must be addressed to enable widespread RNG production & utilization through thermochemical pathways.

Moderated by: Arun Raju, Director, CRNG

Panelists:
• Ron Kent, Advanced Technology Development Manager, SoCalGas
• Julia Levin, Executive Director, Bioenergy Association of California
• James Oyler, President, Genifuel Corporation
• Donald Taylor, Chief Executive Officer, Taylor Energy

11 – 11:30 AM Natural Gas in California: Challenges and Opportunities for Decarbonization
Keynote Presentation by Rob Oglesby, Executive Director, California Energy Commission

11:30 – 11:45 AM Break

11:45 – 12:15 PM RNG – SCAQMD Perspective
Keynote Presentation - TBD, South Coast Air Quality Management District

12:15 – 1:15 PM Lunch
1:15 – 2 PM **Panel Discussion 2 – Commercial Scale Power To Gas**

The panelists will discuss the need for utility scale power to gas projects in California, the barriers to building plants and the long-term benefits.

*Moderated by: Jeff Reed, Director of Business Strategy and Advanced Technology, SoCalGas*

*Panelists:*
- Jack Brouwer, Associate Professor, University of California, Irvine
- Stephen Jones, Managing Director, ITM Power
- Keith Wipke, Fuel Cell & Hydrogen Technologies Program Manager, National Renewable Energy Laboratory

2 – 2:30 PM **Mitigating Short Lived Climate Pollutants - RNG’s Role**

*Keynote Presentation by Ryan McCarthy, Science, & Technology Policy Advisor, California Air Resources Board*

2:30 – 3:15 PM **Panel Discussion 3 – RNG Policy in California – Past & Future**

The panelists will discuss the major challenges to commercial RNG production including regulatory barriers, need for private and public investment, and technology demonstration.

*Moderated by: Cliff Gladstein, President, Gladstein Neandross & Associates*

*Panelists:*
- Johannes Escudero, Chief Executive Officer, Coalition for Renewable Natural Gas
- Amy Jaffe, Executive Director of Energy and Sustainability, University of California Davis Graduate School of Management
- Paul Relis, Senior Vice President, CR&R

3:15 – 3.45 PM **Ribbon Cutting Ceremony**

3:45 - 4:30 PM **Panel Discussion 4 – Challenges to Expediting Commercial RNG Production**

The panelists will discuss the major challenges to commercial RNG production including regulatory barriers, need for private and public investment, and technology demonstration.

*Moderated by: Johannes Escudero, Chief Executive Officer, Coalition for Renewable Natural Gas*

*Panelists:*
- Harrison Clay, Vice President Strategic Development, Global Environmental Products, British Petroleum
- Evan Williams, President, Cambrian Energy
- Grant Zimmerman, Chief Executive Officer, ampCNG
4:30 – 4:45 PM Closing Remarks
   Mike Pazzani, Vice Chancellor for Research and Economic Development, University of California, Riverside

4:45 PM CE-CERT Tour