



INNOVATION | RNG

THE POWER OF WASTE:

RENEWABLE NATURAL GAS (RNG) FOR CALIFORNIA

October 2, 2018
8:30 a.m. - 4:00 p.m.

Energy Resource Center
9240 Firestone Blvd, Downey, CA 90241

ONE-DAY WORKSHOP HOSTED BY ENERGY VISION, SOCALGAS®, PG&E® AND GOVERNMENT, INDUSTRY AND NGO PARTNERS

AGENDA

7:30 a.m. - 8:30 a.m. **REGISTRATION, CHECK-IN AND BREAKFAST**

8:30 - 8:45 a.m. **WORKSHOP INTRODUCTION: MOVING TOWARDS A SUSTAINABLE ENERGY & TRANSPORTATION FUTURE**
Joanna D. Underwood, Founder, Energy Vision

8:45 - 9:30 a.m. **U.S. AND GLOBAL PERSPECTIVES ON THE RENEWABLE NATURAL GAS OPPORTUNITY**

The panelists will provide an introduction to renewable gas, how it is made, where it can be used, and the market outlook.

Mike Mitariten, Market Director, Air Liquide

Rex Parappilly, Business Development & Strategy, Xebec Adsorption

Brent Jaklin, VP Business Development & Technology, Greenlane Biogas North America



A  Sempra Energy utility®



9:30 - 10:30 a.m.

ULTRA-LOW CARBON RENEWABLE NATURAL GAS & ITS END-USE MARKETS

From fueling heavy-duty vehicles to providing a feedstock for hydrogen fuel cells, the panelists will discuss some of the end-use options for renewable gas and the associated environmental, public health, and sustainability benefits each offers.

Sahar Kamali, Director of Business Development,
Clean Energy Renewables

Paul Fukumoto, Director of Business Development,
Fuel Cell Energy

Chris Young, General Sales Manager - Bus Business,
Cummins Westport

Moderator: Matt Tomich President, Energy Vision

10:30 - 11:00 a.m.

COFFEE AND NETWORKING

11:00 a.m. - 12:00 p.m.

PROGRAMS, TECHNOLOGIES AND APPROACHES TO BRING RENEWABLE GAS TO MARKET

Panelists will discuss different programs, technologies and approaches to help develop more RNG projects and transport RNG to end-use customers.

Scott Gramm, Manager - Renewable Natural Gas, FortisBC

Daniel S. LeFevers, Director of State and Consumer Programs,
Gas Technology Institute

Matt Gregori, Technology Development Manager, SoCalGas

Steve Moorleghen, Wholesale Marketing & Business Development,
PG&E

Moderator: Nina Kapoor, Director of State Governmental Affairs,
RNG Coalition

12:00 - 1:00 p.m.

LUNCH AND NETWORKING

1:00 - 2:10 p.m.

ORGANICS DIVERSION AS A DRIVER FOR RNG PROJECT DEVELOPMENT

The panelists will discuss state and local policy drivers to divert organic waste from landfills and provide short case studies on projects producing RNG from diverted food waste and other organics in California.

Evan Johnson, Senior Environmental Scientist, CalRecycle

Mark McDannel, Energy Recovery Section Head,
LA County Sanitation Districts

Jeff Stander, Senior Project Developer, Ameresco

Thomas Gratz, Sales Manager - US, Hitachi Zosen Inova

Mike Silva, Civil Engineer and Project Manager, CR&R

Moderator: Julia Levin, Executive Director,
Bioenergy Association of California

2:15 - 3:15 p.m.

THE ROLE OF THE STATE AND LOCAL AGENCIES IN ADVANCING RNG IN CALIFORNIA

The panelists will discuss how state and local agencies are advancing the RNG industry, and the potential of RNG in California's energy mix for reducing greenhouse gas emissions, short-lived climate pollutants, and criteria pollutants.

Jamie Ormond, Senior Analyst - Renewable Natural Gas,
California Public Utilities Commission

Tim Olson, Senior Policy Advisor, California Energy Commission

Jim Duffy, Manager - Alternative Fuels,
California Air Resources Board

Phil Barroca, P.E., Program Supervisor - Technology Demonstration,
South Coast AQMD

Moderator: Michael Boccadoro, President, West Coast Advisors

3:15 - 3:30 p.m.

CLOSING REMARKS AND NEXT STEPS

This event was made possible with support from the following sponsors:

