

INNOVATION | RNG

THE POWER OF WASTE:

RENEWABLE NATURAL GAS (RNG) FOR CALIFORNIA

October 27, 2016
8 a.m. - 4:15 p.m.

SoCalGas Energy Resource Center
9240 Firestone Blvd, Downey CA 90241

AGENDA

ONE-DAY WORKSHOP HOSTED BY SOCALGAS® AND ENERGY VISION

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- 8 - 8:45 a.m. **REGISTRATION, CHECK-IN AND BREAKFAST**
- 8:45 - 8:50 a.m. **WORKSHOP INTRODUCTION: MOVING TOWARD A SUSTAINABLE
ENERGY & TRANSPORTATION FUTURE**
Joanna Underwood, founder, Energy Vision
- 8:50 - 9:00 a.m. **WELCOME ADDRESS**
Lisa Alexander, vice president of customer solutions and
communications, SoCaGas



9:00 - 10:30 a.m.

CASE STUDIES: TURNING WASTE INTO VEHICLE FUEL OR RNG

Biogas to RNG at Point Loma Wastewater Treatment Facility
BioFuels Energy, LLC | Frank Mazanec, managing director

Municipal Organics, Anaerobic Digestion & RNG
CR&R | Mike Silva, civil engineer and project manager

Food Waste Anaerobic Digestion Demonstration Project
Sanitation Districts of Los Angeles County | Mark McDannel,
section head - energy recovery section

Developing Dairy RNG Projects in the Nation's Largest Dairy State
California Bioenergy | Neil Black, president

Developing RNG Projects for Economic Success
Baker Tilly | Jessica Giffey, senior consultant

Moderator: Matt Tomich, president, Energy Vision

10:30 - 10:45 a.m.

COFFEE AND NETWORKING

10:45 - 11:45 a.m.

THE ROLE OF STATE AGENCIES IN ADVANCING RNG

South Coast Air Quality Management District | Dr. Philip Fine,
deputy executive officer, Planning, Rule Development and Area
Sources Division

California Air Resources Board | Ryan McCarthy, science and
technology policy advisor

CalRecycle | Scott Beckner, senior environmental scientist

California Energy Commission | Elizabeth John, biofuels unit
supervisor

Moderator: Ken Chawkins, public policy manager, SoCalGas

11:45 a.m. - 12:45 p.m.

LUNCH AND NETWORKING

12:45 - 2:00 p.m.

FROM BIOGAS TO RNG: OVERVIEW OF BIOGAS UPGRADING TECHNOLOGIES & UTILITY INTERCONNECTION

Greenlane Biogas | Brent Jaklin, managing director,
Xebec | Gary Blizzard, vice president

Air Liquide | Mike Mitariten, market director

Puregas Solutions | Goran Eriksson, vice president,
SoCalGas | Jim Lucas, Market Development Manager

Moderator: Scott Olson, director of strategic planning for
renewables and energy efficiency, Black and Veatch Corporation

2:00 - 2:10 p.m.

COFFEE AND NETWORKING

2:10 - 3:20 p.m.

BIOGAS/RNG END USE APPLICATIONS

ICF | Jeffrey Rosenfeld, senior technical specialist

Clean Energy Renewable Fuels | Nicholas Lumpkin, Director of
Business Development

Bloom Energy | Todd Little, director - Gas Management

PG&E | Dave Lewis, director - Wholesale Marketing and Business
Development

Cummins Westport | Doug Sperry, Transit Account Manager

Moderator: Matt Tomich, president, Energy Vision

3:20 - 3:50 p.m.

EXPLORING THE ECONOMIC/POLICY LANDSCAPE

Coalition for Renewable Natural Gas | Johannes Escudero, CEO
and executive director

Bioenergy Association of California | Julia Levin, executive
director

3:50 - 4:10 p.m.

THE ROLE OF RENEWABLE GAS IN A RENEWABLE FUTURE

Diane Moss, founder and director of the renewables | 100 Policy Institute

4:10 - 4:15 p.m.

CLOSING REMARKS

Joanna Underwood, founder, Energy Vision

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