WORKSHOP OBJECTIVES:

- Discuss current state-of-the art for biogas and waste-to-energy technologies for fuel cell applications.
- Identify key challenges (both technical and non-technical) preventing or delaying the widespread near term deployment of biogas fuel cells projects.
- Identify synergies and opportunities for biogas and fuel cell technologies.
- Identify and prioritize opportunities to address the challenges, and determine roles and opportunities for both government and industry stakeholders.
- Develop strategies for accelerating the use of biogas for stationary fuel cell power and/or hydrogen fueling infrastructure for motive power fuel cells.

WORKSHOP POCs:

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MONDAY, JUNE 11

1:00 – 2:00 PM  Registration

2:00 – 2:15 AM  Welcome

- Dale Gardner, National Renewable Energy Laboratory

2:15 – 3:30 PM  DOE Perspective


3:30 – 5:15 PM  Markets and Legislative Outlook

- Michael Hicks, Fuel Cell and Hydrogen Energy Association
  - Fuel Cell and Biogas Industries Perspectives
- Norma McDonald, Organic Waste Systems
  - State Policy and Legislative Outlook
- Patrick Serfass, American Biogas Council
  - National Policy and Legislative Outlook

5:15 – 5:45 PM  General Discussion about Workshop

- Pete Devlin, Fuel Cell Technologies Program
- Shawna McQueen, Energetics
  - Overview of Topics of Workshop
  - Overview of Goals and Tasks

6:00 – 7:30 PM  Information Brainstorming Session

- Dale Gardner, National Renewable Energy Laboratory

TUESDAY, JUNE 12
WEDNESDAY, JUNE 13

8:00 – 8:30 AM Continental Breakfast

8:30 – 9:00 AM Critical Questions and Next Steps
   ▪ How can government actions catalyze private investment in deployments?
   ▪ What are the critical questions or topics for further analysis?

8:30 – 9:30 AM NREL Tour
   ▪ Walking tour of the Integrated Biorefinery Research Facility and the Thermochemical Users Facility