

DOD-DOE Workshop
Aircraft Petroleum Use Reduction: Can Fuel Cells be a Game Changer?
U.S. Department of Energy, Washington, DC
4th Floor Conference Room (4A-104)
September 30, 2010
8:30 am to 5 pm

Agenda

8:30 am Welcome, introductions and mtg logistics: *Pete Devlin* (DOE EERE FCTP)

Overall Purpose

- To begin discussing collaboration across DOD and DOE in keeping with the MOU
- To motivate RD&D for APU applications and identify R&D challenges
- To identify the next steps and potential collaboration

Background Materials Provided

- DOD-DOE MOU
- NASA/UTC SOFC APU Feasibility Study for Long Range Commercial Aircraft

9:00 am **DOE Perspective** – *Henry Kelly*
(US DOE Dep. Principal Asst. Sect. of Energy)

9:15 am **MOU Overview** – *Richard Kidd* (DOE EERE FEMP)

9:30 am **The Office of the Secretary of Defense** – *James Short* (DOD OSD)

9:50 am **DOE FCTP Overview** – *Sunita Satyapal* (DOE EERE FCTP Program Director)

10:10 am **Industry Perspective** – *Joe Breit* (Boeing)

10:30 am **USFCC Aerospace Task Force** – *Robert Wichert* (USFCC Technical Director)

10:50 am **USAF Perspective** – *Thomas L. Reitz* (USAF AFRL)

11:20 am **Sandia National Lab** – Low Temp FC – *Lennie Klebanoff/JW Pratt* (Sandia)

- 11:40 am **Pacific Northwest National Lab** – High Temp FC – *Larry Chick* (PNNL)
- 12:00 pm **Lunch**
- 1:00 pm **Facilitated Discussion:**
- Challenges and Barrier Identification**
 What are the challenges and barriers?
- General Technology Issues
- 2:45 pm **Break** - 15 minutes
- 3:00 pm **Analytics, Research, Development & Deployment Needs (RD&D)**
- What actions are needed?
 - What are the gaps in the analytics and technical development?
- 4:00 pm **Role of Government and Industry**
- What does the government do now?
 - What does industry do now?
- 4:45 pm Closing discussion and recap of action items
- 5:00 pm Adjourn
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Location

U.S. Department of Energy Headquarters
1000 Independence Ave, (SW)
Washington, DC, 20585
Room: 4th Floor, North Building, (4A-104)

POC

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