

**Bio-Derived Liquids to Hydrogen Distributed Reforming Working Group
(BILIWG)
& Hydrogen Production Technical Team Research Review**

Agenda for Tuesday, November 6, 2007

***Location: BCS Incorporated, 8929 Stephens Road, Laurel, MD. 20723
410-997-7778***

8:30 – 9:00 Continental Breakfast

- 9:00 DOE Targets, Tools and Technology
- *Bio-Derived Liquids to Hydrogen Distributed Reforming Targets*
DOE, Arlene Anderson
 - *H2A Overview*, **NREL**, Darlene Steward
 - *Bio-Derived Liquids to Hydrogen Distributed Reforming Cost Analysis*
DTI, Brian James
- 10:00 Research Review
- *Low-Cost Hydrogen Distributed Production Systems*, **H2Gen**, Sandy Thomas
 - *Integrated Short Contact Time Hydrogen Generator*,
GE Global Research, Wei Wei
 - *Distributed Bio-Oil Reforming*, **NREL**, Darlene Steward
 - *High Pressure Steam Ethanol Reforming*, **ANL**, Romesh Kumar

12:00 - 12:30 Lunch

- 12:30 Research Review Continued
- *Investigation of Bio-ethanol Steam Reforming over Cobalt based catalysts*,
Ohio State University, Umit Ozkan
 - *Bio-Derived Liquids Reforming*, **PNNL**, David King
 - *Hydrogen Generation from Biomass-Derived Carbohydrates via Aqueous Phase Reforming*, **Virent Energy Systems**, Greg Keenan
 - *Distributed Reforming of Renewable Liquids using Oxygen Transport Membranes*, **ANL**, Balu Balachandran
- 2:30 *DOE Hydrogen Quality Working Group Update and Recent Progress*,
ANL, Romesh Kumar
- 3:15 *Hydrogen Production Technical Team BILI Roadmap*, **DOE**, Roxanne Garland
- 3:45 *Common Metrics and Measures of Success - Facilitated Group Discussion*,
DOE, Mark Paster