

TENTATIVE

SECA Core Technology Program Review

Purpose:

- To present the status of the on going SECA CTP sponsored research and development programs at universities, national laboratories and other research organizations
 - To solicit SECA industry team input on the CTP sponsored technical activities for peer review, prioritization and relevancy
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Agenda

Wednesday, February 19

7:30	Registration and continental breakfast	
8:00	Welcome and Introduction	Singh/Collins
8:05	SECA Program Status	Wayne Surdoval

SECA Thrust Area Activities

(20 min Presentation + 5 min Q&A + 5 min. evaluation form preparation)

Materials & Manufacturing

(Moderators: Lane Wilson and Jeff Stevenson)

8:15	PNNL Activity Overview	Jeff Stevenson
8:45	Argonne Activity Overview	Michael Krumpelt
9:15	University of Washington (Cathodes)	Stuart Adler
9:45	NIST Activity (Cathode / Anode interface)	Andrew Allen*
9:55	Break	
10:10	Functional Coating Technologies, LLC (Cathodes)	Ilwon Kim
10:40	University of Utah (Cathodes)	Anil Virkar
11:10	University of Missouri-Rolla (Cathodes)	Harlan Anderson
11:40	Georgia Tech Research Corporation (Cathodes)	Meilin Liu
12:10	Lunch	

* *Not for Review*



TENTATIVE

Afternoon

(Moderators: Wayne Surdoval and Prabhakar Singh)

1:00	Ceramatec, Inc (Interconnects)	S. Elangovan
1:30	Southwest Research Institute (Interconnects)	James Arps
2:00	University of Pittsburgh (Interconnects)	Gerry Meier
2:30	NETL (Interconnects)	Christopher Johnson
3:00	Albany Research Center (Interconnects)	John Dunning*
3:15	Break	
3:30	NexTech Materials, Ltd. (Materials manufacturing)	Matthew Seabaugh
4:00	University of Utah (Materials manufacturing)	Anil Virkar
4:30	Industry team input - Priority, Adequacy, Technical Input	
5:00	Adjourn	
6:00	Welcome Reception and Dinner Presentation	James Boyd

Thursday, February 20

7:30 Registration and Continental Breakfast

Simulation and Modeling

(Moderators: Donald Collins and Moe Khaleel)

8:00	PNNL Activity/ Program Overview	Moe Khaleel
8:30	ORNL Activity Overview	Edgar Lara-Curzio
9:00	University of Florida (Failure analysis)	Eric Wachsman
9:30	Georgia Tech Research Corporation (Failure analysis)	Jiamin Qu
10:00	LBNL Activity Overview	Steve Visco
10:30	Break	
10:45	TIAX (Manufacturing model)	Eric Carlson
11:15	Industry team input - Priority, Adequacy, Technical Input	

Fuel Processing

(Moderators: David Berry and David King)

11:45	Overview of fuel processing status	Rod Borup/David Berry
12:15	Lunch	

Afternoon

1:15	Northwestern University (Sulfur Tolerant Anode)	Scott Barnett
1:45	Gas Technology Institute (Sulfur Tolerant Anode)	Kevin Krist

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TENTATIVE

Power Electronics, Sensors, Controls & Diagnostics

(Moderators: Donald Collins and Donald Adams)

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| 2:15 | University of Illinois (Power Conditioning) | Sudip Mazumder |
| 2:45 | Texas A&M University (Converters) | Prasad Enjeti |
| 3:15 | Break | |
| 3:30 | Virginia Polytechnic Institute & State University (Converters) | Jasan Lai |
| 4:00 | NexTech Materials, Ltd (Sulfur Sensor) | Abdul Azad |
| 4:30 | Ohio State University (Laser Dilatometry & Photo Optometry) | John Lannutti |
| 5:00 | Industry team input - Priority, Adequacy, and Technical Input – Overall comments/assessment and relative importance | |
| 5:30 | Concluding remarks and adjournments | |

