



Office of the Biomass Program

Peer Review

November 14 – 16, 2005

Hyatt Arlington, Virginia

Day One – Monday November 14, 2005

Session 1 – Biomass Program Overview

8:30 am – 2:50 pm

To demonstrate how the Program plans, measures and manages program activities and assesses progress in achieving programmatic goals.

Session 1A – Welcome and Program Approach

8:30 am – 8:35 am	Welcome	<i>Douglas Kaempf (OBP)</i>
8:35 am – 9:15 am	“A Look Back” Program Overview	<i>Douglas Kaempf (OBP)</i>
9:15 am – 9:55 am	Strategic Approach	<i>Cindy Riley (NREL) and Larry Russo (OBP)</i>
9:55 am – 10:10 am	Program Approach Q&A	<i>Doug (John Ferrell, Cindy Riley, Larry Russo)</i>
10:10 am – 10:25 am	Break	

Session 1B – Pathway Details

10:25 am – 10:55 am	Current Focus on Pathways	<i>Larry Russo and John Ferrell (OBP)</i>
10:55 am – 11:10 am	“Other” Pathways	<i>Larry Russo (OBP) and/or Cindy Riley (NREL)</i>
11:10 am – 11:25 am	Pathway Q&A	<i>John Ferrell (OBP)</i>
11:25 am – 12:30 pm	Lunch	

Session 1C – Program Planning, Analysis and Decision Making

12:30 pm – 1:00 pm	Systems Integration (SI - The tool for planning and decision support)	<i>Cindy Riley (NREL-Systems Integration Office)</i>
1:00 pm – 1:20 pm	Analysis	<i>Neil Rossmeissl (OBP)</i>
1:20 pm – 1:35 pm	Project Management Center (PMC - Making it happen)	<i>Jim Spaeth (Golden Field Office)</i>
1:35 pm – 1:55 pm	Program Planning, Analysis and Decision Making Summary	<i>Larry Russo (OBP)</i>
1:55 pm – 2:10 pm	Program Planning, Analysis and Decision Making Q&A	<i>John Ferrell (OBP), Larry, Cindy, Neil, Jim</i>
2:10 pm – 2:30 pm	Additional Programmatic and Management Q&A and for reviewers	
2:30 pm – 2:45 pm	Break	
2:45 pm – 2:50 pm	Introduction to Core Technology R&D Platforms	<i>John Ferrell (OBP)</i>



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Session 2 – Biomass Feedstock Interface

2:50 pm – 4:05 pm

To demonstrate how the work being conducted by the Feedstocks Platform fits within the parameters of the Program and helps achieve Program goals.

Session 2 – Biomass Feedstock Interface

2:50 pm – 3:05 pm	Feedstocks Platform Overview	<i>Sam Tagore (OBP)</i>
3:05 pm – 3:15 pm	Feedstocks Analysis Overview	<i>Shahab Sokhansanj (ORNL)</i>
3:15 pm – 3:45 pm	*Summary of Feedstocks Interface Effort	<i>Richard Hess (INL)</i>
3:45 pm – 4:05 pm	Feedstocks Q&A	<i>Sam Tagore (OBP)</i>

Session 3 – Thermochemical Conversion

4:05 pm – 6:00 pm

To demonstrate how the work being conducted by the Thermochemical Platform fits within the parameters of the Program and helps achieve Program goals.

Session 3 – Thermochemical Conversion

4:05 pm – 4:15 pm	Thermochemical Platform Overview	<i>Paul Grabowski (OBP)</i>
4:15 pm – 4:30 pm	Thermochemical Analysis Overview	<i>Rich Bain (NREL)</i>
4:30 pm – 4:50 pm	*Summary of Feed Processing & Handling Effort	<i>John Jechura (NREL)</i>
4:50 pm – 5:20 pm	*Summary of Thermochemical Processing Effort	<i>Don Stevens (PNNL)</i>
5:20 pm – 5:50 pm	*Summary of Clean-up and Conditioning Effort	<i>Dave Dayton (NREL)</i>
5:50 pm – 6:00 pm	Thermochemical Q&A	<i>Paul Grabowski (OBP)</i>

Day Two – Tuesday November 15, 2005

Session 4 – Biochemical Conversion

8:30 am – 2:15 pm

To demonstrate how the work being conducted by the Biochemical Platform fits within the parameters of the Program and helps achieve Program goals.

Session 4 – Biochemical Conversion		
8:30 am – 8:40 am	Biochemical Platform Overview	Amy Miranda (OBP)
8:40 am – 8:55 am	Biochemical Analysis Overview	Kelly Ibsen (NREL)
8:55 am – 9:30 am	*Summary of Targeted Conversion Effort	Mike Himmel (NREL)
9:30 am – 10:05 am	*Summary of Pretreatment & Enzymatic Hydrolysis Effort	Rick Elander (NREL)
10:05 am – 10:40 am	*Summary of Processing Integration Effort	Dan Schnell (NREL)
10:40 am – 11:00 am	Biochemical Q&A	Amy Miranda (OBP)
11:00 am – 12:00 pm	Poster Session	
12:00 pm – 1:00 pm	Lunch	
1:00 pm – 2:00 pm	Poster Session	
2:00 pm – 2:15 pm	Introduction to Applied R&D Areas	Valerie Reed (OBP)

Session 5 – Biobased Products

2:15 pm – 4:20 pm

To demonstrate how the work being conducted by the Products Platform fits within the parameters of the Program and helps achieve Program goals.

Session 5 – Biobased Products		
2:15 pm – 2:25 pm	Products Platform Overview	Valerie Reed (OBP)
2:25 pm – 2:40 pm	Products Analysis Overview	Joe Bozell (NREL)
2:40 pm – 2:55 pm	Break	
2:55 pm – 3:30 pm	*Summary of Chemicals and Materials Effort	Todd Werpy (PNNL)
3:30 pm – 4:05 pm	*Summary of Fuels Effort	Tom Foust (NREL)
4:05 pm – 4:20 pm	Products Q&A	Todd Werpy (PNNL)
4:20 pm – 5:30 pm	Poster Session	



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Day Three – Wednesday November 16, 2005

Session 6 – Integrated Biorefinery

8:30 am – 5:00 pm

To demonstrate how the work being conducted by the Integrated Biorefinery Platform fits within the parameters of the Program and helps achieve the Program goals.

Note: Each project presentation will consist of a 20-minute presentation followed by 10 minutes of Q&A and “quiet-time.”

Session 6 – Integrated Biorefinery		
8:30 am – 8:40 am	Integrated Biorefinery Overview	<i>Neil Rossmeissl (OBP)</i>
8:40 am – 9:10 am	Integrated Biorefinery Analysis Task	<i>Bob Wallace (NREL)</i>
9:10 am – 9:40 am	Integrated Corn-based Biorefinery Project	<i>Bill Provine (DuPont)</i>
9:40 am – 10:10 am	Making Industrial Bio-Refining Happen! Project	<i>Bob Wooley (NatureWorks, LLC)</i>
10:00 am – 10:30 am	Break	
10:30 am – 11:00 am	Collection, Commercial Processing, and Utilization of Corn Stover Project	<i>David Glassner (NatureWorks, LLC)</i>
11:00 am – 11:30 am	New Biorefinery Platform Intermediate Project	<i>Jim Millis (Cargill)</i>
11:30 am – 12:00 pm	A Second Generation Dry Mill Project	<i>Steve Lewis (Broin)</i>
12:00 pm – 1:20 pm	Lunch	
1:20 pm – 1:50 pm	Advanced Biorefining of Distiller's Grain and Corn Stover Blends: Pre-Commercialization of a Biomass-Derived Process Technology Project	<i>Patrick Mulvihill (Abengoa)</i>
1:50 pm – 2:20 pm	Separation of Corn Fiber and Conversion to Fuels and Chemicals: Phase II, Pilot-Scale Operation Project	<i>Nathan Fields (NCGA)</i>
2:20 pm – 2:40 pm	Break	
2:40 pm – 3:10 pm	Demonstration of BLG at Big Island Project	<i>Larry Rath (NETL - Representing Georgia Pacific)</i>
3:10 pm – 3:40 pm	Southeast Alaska Ethanol Project	<i>Fran Ferraro (Merrick)</i>
3:40 pm – 4:10 pm	City of Gridley Biofuels Project	<i>Dennis Schuetzle (TSS - Representing the City of Gridley)</i>
4:10 pm – 4:30 pm	Integrated Biorefinery Q&A	<i>Neil Rossmeissl (OBP)</i>

* Presentations denoted with an asterisk will cover multiple, previously reviewed projects addressing the specified barrier



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Session 7 – Closing Remarks and Overview

5:00 pm – 5:30 pm

To conclude our review by allowing our Steering Committee Members provide their initial thoughts and comments about the Biomass Program, as well as, allow them to ask any final questions.

Session 7 – Closing Remarks and Overview

4:30 pm – 4:45 pm	Summary and Reassessment of Peer Review	<i>Steering Committee</i>
4:45 pm – 4:55 pm	Q&A	<i>Larry Russo (OBP), John Ferrell (OBP), Cindy Riley (NREL), and Jim Spaeth (GFO)</i>
4:55 pm – 5:00 pm	Closing	<i>Douglas Kaempf (OBP)</i>