DAY 1 - 23 Feb 2011, Wednesday

07:30 Registration & Coffee

08:30 Opening Address by:
Governor Nathan Deal of Georgia (Invited)

08:45 Chairman’s Welcome & Remarks
Jill Stuckey, Director, Center of Innovation for Energy

Drivers of Biomass Utilization in the US - EU, Regulatory Directions & Commercial Perspectives

Cathy Zoi, Acting Undersecretary of Energy (Invited)

09:15 Latest Updates & Issues Arising from EU Biomass Regulatory Framework
Eibhlin Manning, Policy Director
European Biomass Industry Association EUBIA

09:35 EPA Rules for Biomass Power Generation (e.g. IB MACT)
Jim Eddinger, U.S. Environmental Protection Agency (Office of Air Quality Planning & Standards)

09:55 Harmonizing the Regulatory, Utility & User Relationship – Gaining Support from Ground Level
Richard Clark, New Technologies Manager, Regulatory & Technical Services, Ogilthorpe Power Corp.
Roni Just, Environmental Affairs Manager
Georgia Power Corporation

10:40 Discussion followed by Networking Coffee

11:20 International Biomass Trade Flows, with Special Focus on Wood Chips & Pellets
- Key drivers for market growth
  Prof. Andre Faaq, Task Leader, IEA Bioenergy Task 40
  University of Utrecht

11:40 Development of Sustainability Criteria for Biomass Export to Various EU Countries
Dr. Martin Junginger, University of Utrecht

12:00 Sustainable Certifications: The Practicalities, Constraints & Challenges
Mieke Vandeweal, Marketing Manager Fuels
Peterson Control Union Group

12:30 Discussion followed by Networking Lunch

13:45 Afternoon’s Chairman
Peter-Paul Schouwenberg, Senior Officer - Regulator Affairs, Essent’s Corporate Affairs, Essent

13:50 Conversion & Operational Experience on Large Scale Co-Firing of Biomass & Expectations on Imports of Wood Pellets from Americas
- Wood chips versus wood pellets for co-firing - pros & cons
- Pre-processing & blending of fuel feedstocks
  Roger Miesen, Director, Essent Production, Essent
  Jane Todd, OPG Program Manager
  Ontario Power Generation
  Ronald Meijer, Managing Principal Clean Fossil Power
  KEMA Netherlands Ltd

14:45 Canadian & Brazilian Biomass/Pellets Productions & Exports - How Can They Compete Or Complement with US Biomass/Pellets?
- Douglas Bradley, President
  Canadian Bioenergy Association (CANBIO)
- Pedro Tolellino, Marketing Manager
  Suzano Renewable Energy

15:20 Discussion followed by Networking Tea

15:50 Latest Developments in Southeast (Georgia/Florida) Biomass Value Chain: Biomass Raw Material to Woodfuel, Power Conversion & Distribution

16:45 Talks & Discussions

17:05 Wood Fuel Pellet Value Chain Management
Sam Kang, Chief Financial & Operational Officer
Georgia Biomass, LLC

- a) Non-Wood Manufacturing Operations
  Robert Stamback, Plant Manager, CEMEX
- b) Wood Manufacturing Operations
  Robert B. Jordan, President
  Jordan Forest Products, LLC

18:00 Discussion followed by End of Day One

18:05 Networking Cocktail & Reception
DAY 2 - 24 Feb 2011, Thursday

08:30 Chairman’s Remarks
Prof. Andre Faaij, Task Leader, IEA Bioenergy Task 40
University of Utrecht

08:35 Project Financing & Funding Options to Support Investment/Operating Capital Needs in the Total Biomass Value Chain

a) Updates on BCAP and How it Can Boost US’ Bioenergy Production and Domestic Usage Growth
Jonathan Coppess, Administrator, co-author of BCAP Program
USDA Farm Service Agency

b) Financing Options and Strategic Use of Industrial Revenue Bonds
Capital Investment (Equity)
Senior Representative, Atlantic Power

Debt Financing
Megan Browning, Senior Vice President, George K. Baum & Company

Industrial Bonds
Daniel M. McCrae, Partner, Seyfarth, Shaw Attorneys, LLP

c) Panel Discussion
Moderated By: Daryn Beringer, Principal
Global Green Engineered Fuels, LLC

Handling (Pretreatment) & Logistics of Biomass (Wood Pellets)

09:45 Logistics Setup (Transportation, Storage & Handling) in Biomass Value Chain - Challenges, Bottlenecks & New Concepts
J. Richard Hess, Agriculture Engineer
Idaho National Laboratory Biological Sciences Department
Page Siplon, Executive Director, Georgia Logistics Innovation Center

10:15 Freight Market Outlook & Economics of Ocean Shipping between US to Europe
Marcel Gons, Commercial Manager Bulk Logistics, Port of Amsterdam

10:50 Discussion followed by Networking Coffee

11:10 Projection on Future Demand for Lignocellulosic (Biomass) Feedstock for 2nd Generation Biofuels Production & Assessing its Impact on Biomass Prices & Applications (e.g. Power Generation)
Anne Rahikainen, Director, Bioenergy Services, RISI

11:35 Merits of Biomass Torrefaction Compared to Existing Densification Technologies

12:00 Energy Crops: From Crop to Energy Products, for Domestic Use & Exports

a) Value Proposition & Case Studies
Santha Peruri, Manager of Business Development, Ceres, Inc.

b) Utilities’ Perspective Towards this Emerging Biomass for Energy Applications
Dean Tissen, President, New Energy Farms

c) Meeting the Needs for the Southeast: Prospects of Energy Crops Rotation in the Georgia (or Southeast) Agricultural Portfolio
Peter Germishuizen, Director of Technology
Lewis Taylor Farms Incorporated

13:00 Final Discussion followed by Closing Lunch

14:00 End of Conference

WORKSHOP

Post Conference Workshop : Biomass Properties, Processes & Conversion to Energy Sources

Conducted & Led by: KEMA

Ronald Meijer, Managing Principal, Clean Fossil Power
Chip O’Donnell, Vice President, Power Generation Services
Robert Welch, Vice President, Sustainable Generation Solutions

(24 Feb 2011, Thursday)

13:45 Registration

14:00 Workshop Overview - Objectives and Program

14:15 Biomass Fuels for Power: Potential Biomass Based Fuel Sources as Candidates for Power Generation

- Biomass characteristics - chemical, physical
- Considerations for different markets

15:15 Biomass Fuel Condition: Review of All Available Technologies to Condition Biomass in Preparation for Conversion to Energy

- Densification - process and characteristics
- Torrefaction - process and characteristics
- Gasification - process and characteristics
- Desiccation and Storage - process and characteristics

16:15 Biomass as a Fuel Summary Statements & Feedback

- Next Steps and follow up with feedback report
- Tomorrows objective around fuel conversion

17:30 Adjourned – End of Workshop Session 1

(Part 2 - 25 Feb 2011, Friday)

08:30 Biomass Fuel Handling

- Transportation
- Storage
- Injection points

09:45 Combustion Aspects

- Injection points
- Proportion (%) co-firing and combustion modifications
- Complete fuel switching
- Heat rate calculations
- Combustion controls

10:45 Flue Gas Characterization and Treatment

- SCR catalyst effects

11:45 Co-firing Example

- Technical process steps
- Economic process steps
- Implementation example

12:45 Final Discussion, Closing Remarks & End of Workshop

23–25 Feb 2011 / Atlanta