

EUCI Presents a Conference on:

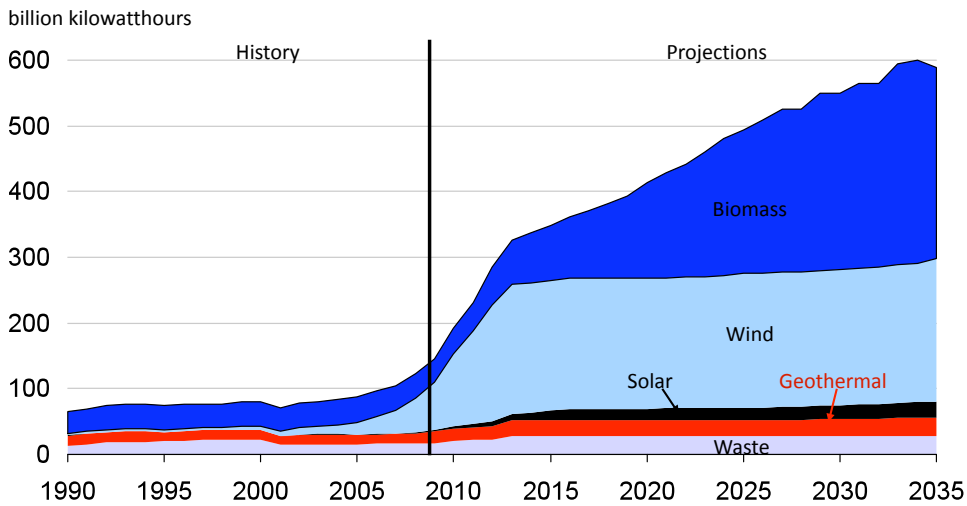
# RENEWABLE BIOMASS FOR AFFORDABLE POWER GENERATION

March 23 – 24, 2010

• Hyatt Regency

• Minneapolis, MN

## Nonhydropower renewable sources meet 41% of total electricity generation growth from 2008 to 2035



Richard Newell, SAIS,  
December 14, 2009

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Source: From the EIA Annual Energy Outlook 2010

Pre-Conference Workshop  
**BIOMASS IMPACTS ON GENERATION SYSTEMS – THE TECHNICAL ISSUES OF BIOMASS CO-FIRING**  
Tuesday, March 23, 2010

Dinner Workshop  
**ACCELERATING GROWTH AND DEVELOPMENT IN BIOMASS PRODUCTION**  
Tuesday, March 23, 2010

Post-Conference Workshop  
**FINANCING BIOMASS – WORKSHOP AND CASE STUDIES**  
Thursday, March 25, 2010

Break Sponsor:



EUCI is authorized by IACET to offer 1.3 CEUs for the conference, 0.4 CEUs for the pre-conference workshop, 0.3 CEUs for the dinner workshop and 0.4 CEUs for the post-conference workshop.

# RENEWABLE BIOMASS FOR AFFORDABLE POWER GENERATION

March 23 – 24, 2010

## OVERVIEW

Biomass-coal co-combustion represents a near-term, low-risk, rapidly deployable, sustainable, highly scalable, renewable energy option. Unlike other alternatives, no breakthroughs are needed.

Technology has been proven in over 100 successful field demonstrations in 16 countries and reduces investment risk. Co-combustion also creates **dispatchable** power that complements and supports both wind and solar.

This conference features utility experts who have already adopted biomass and co-fire strategies. They will explain the technical, logistical, and regulatory challenges along with the "lessons learned". Conference experts also drill into the technical challenges of co-combustion, and will explain the details of recent breakthrough technologies, which vastly improve sustainability while lowering front-end costs.

## WHO SHOULD ATTEND

- Agri-business professionals
- Coal by-product specialists
- Coal producers
- Emissions specialists
- Renewable and Cleantech project developers
- Environmental and technical consultants
- Finance and investment professionals
- Forestry professionals
- Governmental agencies involved in resource management and land use permitting
- Individuals involved in the biofuels supply chain
- Maintenance engineers
- Employees who work at, or deal with, coal-fired power plants
- NGO's
- Plant engineers
- Public utilities and regulatory staffers
- Regulators, communications staff, and others involved with coal-fired power plant operations
- Sales professionals who must understand biomass systems and be able to answer why biomass power is renewable energy
- Siting and permitting attorneys
- Sustainable fuel and feedstock interests
- Utility executives with renewable energy responsibilities
- Utility fuel purchasing
- Utility strategists

## LEARNING OUTCOMES

This conference features a pair of panel sessions that spur participants to interact, discuss, and brainstorm solutions to their biggest biomass to power issues. Guided facilitation enables these peer groups to not only share experiences and challenges, but to also foster solutions as they succeed in getting the toughest questions answered from some of the industry's most active and experienced professionals.

Another highlight to this conference is the presentation by Neil Rossmessl of the DOE Biomass Program, who has experience as a Plant Manager for a Virginia, co-fired 70 MW coal fueled Non-Utility Generator, which provided electricity under contract to Virginia Power.

In addition, attendees to this conference will:

- Review and assess utility biomass research, testing, demonstrations, and implementation
- Distinguish system options
- Analyze and discuss results of early adoption
- Examine key technical challenges to co-fire and biomass combustion
- Analyze innovative strategies

## IACET



EUCI has been approved as an

Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. In obtaining this approval, EUCI has demonstrated that it complies with the ANSI/IACET Standards which are widely recognized as standards of good practice internationally.

As a result of their Authorized Provider membership status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.

EUCI is authorized by IACET to offer 1.3 CEUs for this conference.

### Requirements for Successful Completion of Program

Participants must sign in/out each day and be in attendance for the entirety of the conference to be eligible for continuing education credit.

### Instructional Methods

Case Studies, PowerPoint Presentations, and exercises.

Register today! Call (201) 871-0474

## PROGRAM AGENDA

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### TUESDAY, MARCH 23, 2010

**12:30 - 1:00 p.m.**      **Conference Registration**

**1:00 - 1:15 p.m.**      **Welcoming Address from the Chair**  
– *Bill Johnson, Manager Biofuels Development, Alliant Energy*

### SESSION 1: The Fit of Biomass for Renewable Power Generation

**1:15 - 1:45 p.m.**      **Sustainable Biomass is Green for Tomorrow's Utility: Why Biomass Makes Sense for Utilities**

- Under the current economic conditions
- Within the current State and Federal regulatory policies for renewable generation
- Current legislative initiatives to manage carbon dioxide and other greenhouse gases

– *David Donovan, Manager, Regulatory Policy, Xcel Energy*

**1:45 - 2:15 p.m.**      **Step #1 in Co-Firing and Repowering – Let's Ask the Right Questions**

- Upstream – The fuel production facility
  - Fuel type and availability
  - Raw material supply
  - Pellet production
  - Handling
  - Storage
  - Quality control
- From the production facility to generating station
  - Transport to generating facility
- Storage
  - Handling
  - Quality control
  - Consumption
- Commercial considerations
  - Evolving markets
  - Procurement
  - Contracts
  - Emerging fuel technologies

– *Sandy Drysdale, Manager, Fuel and Transportation Contracts, Ontario Power Generation*

**2:15 - 2:45 p.m.**      **Panel Q & A**  
*Moderator*

– *Bill Johnson, Manager Biofuels Development, Alliant Energy*

**2:45 - 3:00 p.m.**      **Afternoon Break**  
Sponsored by:



## PROGRAM AGENDA

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### TUESDAY, MARCH 23, 2010 (CONTINUED)

#### SESSION 2: DOE's Role in Biomass to Power

3:00 - 3:45 p.m.

##### **Lessons Learned from Existing Projects**

- Financing
- NEPA
- Technology readiness
- Startup and commissioning

– Neil P. Rossmeissl, Technology Manager, Office of Biomass Program, DOE

#### SESSION 3: Experience of Early Adoption at Utilities in the South

3:45 - 4:30 p.m.

##### **Progress Energy Florida Biomass Projects**

- Existing renewable facilities
  - MSW, biomass, cogeneration
- Long term planning projections
  - Nuclear, gas generation, conservation goals, slow load growth
- Energy crop projects
  - "Egrass" dedicated energy crop
- Other biomass
  - Wood, MSW, energy cane
- Future projects
  - PPA with ownership options
  - Greenfield biomass plants
  - Co-fire existing plants

– Bob Niekum, Director PEF Renewable and Wholesale Power, Progress Energy

4:30 - 5:15 p.m.

##### **Biomass in Florida**

- GRU's 100 MW biomass plant that will be built and owned by American Renewables
- After six years of research, the City Commission approved the biomass plant as the most cost-effective, long-term option currently available in Florida
- It will add 400 construction jobs and 45 new jobs at the plant; and supporting nearly 500 permanent jobs in the forestry industry – north central Florida's principle agriculture industry
- Fueled by forestry waste that is primarily leftover from timber operations, as well as urban wood waste, the plant will add more than \$5.5 million per year to the local property-tax base
- Innovative program to promote forest stewardship and sustainable fuel supplies
- Contract designed to only pay for performance and manage GRU's risk

– Ed Regan, Assistant General Manager for Strategic Planning, Gainesville Regional Utilities (GRU)

5:15 - 6:00 p.m.

##### **Networking Reception**

## PROGRAM AGENDA

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### WEDNESDAY, MARCH 24, 2010

7:30 - 8:00 a.m.      **Continental Breakfast**

#### SESSION 4: Technical Challenges Across Systems and Feedstocks and Lessons Learned from the EU

8:00 - 8:45 a.m.      **Current Worldwide Test Results and Lessons Learned on Co-Combustion**

- Utility scale experiences that are applicable to the US
- Characteristic effects on combustion of various types of feedstocks (herbaceous, woody, animal-waste, etc)
- Typical effects on both plant and various boilers systems (tangential, wall, and cyclone fired)
- Corrosion, efficiency, ash, SCR performance, and emissions

– *Larry Baxter, Professor, Chemical Engineering, The Combustion Laboratory at Brigham Young University*

#### SESSION 5: Optimizing Biomass - Wrap the Right Technology with the Right Business and Operating Strategies

8:45 - 9:30 a.m.      **Optimizing the Fit of Biomass into the US Utility Fuel Power Mix**

- GRE's fuel strategies
- Biomass fuel availability
- Tailoring the fit to create a cost competitive biomass mix
- Our view of the biomass role in emissions mitigation

– *Greg Ridderbusch, VP Business Development and Strategy, Great River Energy*

9:30 - 9:45 a.m.      **Morning Break**

#### SESSION 6: Extensive Testing of Feedstock and Systems in Two Diverse Geographic Regions

9:45 - 10:30 a.m.      **Southern Company Biomass to Energy Research**

- Direct injection at plant Gadsden
- Plant Mitchell biomass conversion
- Co-milling of coal and biomass
- Further plans and implementation strategy for Southern Company

– *Jeremiah Haswell, Research Engineer, Southern Company Services*

10:30 - 11:15 a.m.      **Development of a Biofuel Supply Chain**

- Site-specific identification of biofuels, their harvest, transportation, storage, processing and supply chain business development
- Switchgrass burn research outcomes
- Site specific fuel requirements
- Production, harvest and processing research
- Contract and stewardship considerations

– *Bill Johnson, Manager Biofuels Development, Alliant Energy*

11:15 a.m. - 12:15 p.m.      **Panel Q & A**  
*Moderator*  
– *Bill Johnson, Manager Biofuels Development, Alliant Energy*

12:15 - 1:00 p.m.      **Group Luncheon**

## PROGRAM AGENDA

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### WEDNESDAY, MARCH 24, 2010 (CONTINUED)

#### SESSION 7: USDA Incentives and Programs / BCAP Biomass Program

1:00 - 1:45 p.m.

##### **USDA Incentives and Programs for Renewable Energy / BCAP Biomass Programs**

- Agricultural and rural assistance programs to producers and businesses
  - USDA Programs that address development, construction, and deployment of energy systems
  - USDA Programs focused on planting, collection, harvesting, storage and transportation
  - Program qualifications and payments for biofuels and biopower
  - BCAP Program
- *Billy Hagy, Special Assistant – Director of Alternative Energy Policy, USDA and USDA Liason, DOE Biomass R&D Technical Advisory Committee*
- *Lynn Tjeerdsma, Assistant Deputy Administrator for Farm Programs, USDA FSA*

#### SESSION 8: System Options

1:45 - 2:30 p.m.

##### **Issues and Options for Co-Firing and Repowering**

- Benefits of biomass-derived generation and national potential for co-firing/repowering
  - Advantages of co-firing/repowering over standalone options
  - Challenges associated with co-firing and repowering
  - Process options for co-firing and repowering
  - Examples of co-firing and repowering
- *Jim Easterly, Project Manager, Renewable Energy, Black & Veatch*

2:30 – 2:45 p.m.

##### **Afternoon Break**

#### SESSION 9: Torrefied Pelletization - Economics and Timeline

2:45 - 3:30 p.m.

##### **Torrefaction-Based BO<sub>2</sub>-Technology for Upgrading Biomass into Commodity Solid Fuel**

- Principles and characteristics
  - Comparison and tradeoffs versus wood, wood pellets, and Ag / Forestry biomass
  - Current and emerging technology dramatically improving the energy balance
  - Market status
  - Torrefied pellets values: (Energy density, durability, water resistance, and grindability)
- *Dr. Jaap Kiel, Program Manager, Biomass & Coal, ECN, The Netherlands*

3:30 - 4:15 p.m.

##### **Biocoal for Renewable Biomass Power Generation**

- Company background and project team
  - Biomass harvesting
  - Bench and pilot plant production results
  - Co-firing trial results
  - Economic analysis
  - Torrsys commercialization plans
- *Kevin P. Grotheim, CEO, Torrsys*

## PROGRAM AGENDA

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**WEDNESDAY, MARCH 24, 2010 (CONTINUED)**

### **SESSION 10: Biomass Gasification**

**4:15 - 5:00 p.m.**

#### **Biomass Gasification**

- Biomass gasification as an option for existing coal-fired boilers
- Technical issues associated with gasification-based repowering
- Gasification technologies
- Gasification-based repowering
- Suitable feedstock types
- Feedstock moisture effects
- Auxiliaries, non-labor O&M (consumables), side products (ash or char-ash)
- Gasification product gas cleanup and conditioning

– *T. J. Paskach, PhD, Manager of Business Development, Frontline BioEnergy*

**5:00 - 5:15 p.m.**

#### **Closing Remarks**

– *Bill Johnson, Manager BioFuels Development, Alliant Energy*

# RENEWABLE BIOMASS FOR AFFORDABLE POWER GENERATION

March 23 – 24, 2010

## Pre-Conference Workshop

### BIOMASS IMPACTS ON GENERATION SYSTEMS – THE TECHNICAL ISSUES OF BIOMASS CO-FIRING

**Tuesday, March 23, 2010**

Workshop Registration and Continental Breakfast : 7:30 – 8:00 a.m.

Workshop Timing: 8:00 a.m. – 12:00 p.m.

#### OVERVIEW

Extensive testing in over 100 successful field demonstrations in 16 countries have proven that, although challenging, biomass for power is a proven option for carbon mitigation. This program features one of the top international experts paired with one of the most active US utilities to interpret and analyze state-of-the-art technologies and results.

#### WHO SHOULD ATTEND

- Emissions specialists
- Environmental and technical consultants
- Finance and investment professionals
- Maintenance engineers
- Plant engineers
- Regulators, communications staff, and others who need a basic understanding of coal-fired power plant operations
- Siting and permitting attorneys
- Sustainable fuel and feedstock interests
- Utility executives with renewable energy responsibilities
- Utility fuel purchasing
- Utility fuel mix and RPS specialists

#### LEARNING OUTCOMES

- Review key technical test data covering all aspects of biomass combustion on utility plant systems
- Distinguish the greatest barriers to successful integration of biomass
- Examine test results on a variety of feedstocks utilized across commonly used boilers systems in the US

#### AGENDA

- o Biomass-coal co-firing: an overview of technical issues
- o Introduction
- o The major technical challenges associated with biomass co-firing include:
  - Fuel preparation, storage, and delivery
  - Ash deposition
  - Fuel conversion
  - Pollutant formation
  - Corrosion
  - Fly ash utilization
  - Impacts on SCR systems
  - Formation of striated flows
  - Fuel characteristics
  - Fuel preparation and transportation
  - Implementation
  - Pollutant production
  - Carbon conversion
  - Ash deposition
  - Corrosion
  - Fly ash utilization
  - Impacts on SCR systems
  - Conclusions and case studies

**EUCI is authorized by IACET to offer 0.4 CEUs for this workshop**

#### Instructional Methods

Case Studies and PowerPoint Presentations

#### Requirements for Successful Completion

Participants must sign in/out each day and be in attendance for the entirety of the workshop to be eligible for continuing education credit.

Register today! Call (201) 871-0474

# RENEWABLE BIOMASS FOR AFFORDABLE POWER GENERATION

March 23 – 24, 2010

## INSTRUCTORS

### **Larry Baxter, Professor, Chemical Engineering, The Combustion Laboratory at Brigham Young University**

Professor Baxter joined the BYU faculty in 2000 after working 14 years at Sandia National Laboratories' Combustion Research Facility. His research focuses on sustainable energy issues and his teaching and research programs involve students in hands-on applications of engineering. Professor Baxter collaborates with industrial and university research centers around the U.S. and in six foreign countries. He is a member of ASME's Board of Research and Technology and was the U.S. delegate to two International Energy Agency tasks related to biomass.

Professor Baxter has authored 80 journal articles, peer-reviewed encyclopedia articles or book sections, and similar major peer-reviewed archival literature, as well as >300 total technical publications, most accompanied by presentations (including conference proceedings and similar secondary literature but excluding progress reports, contract proposals, etc.).

- Member, ASME Board on Research and Technology Development and Energy Committee
- Member, ASTM C9 and D5 committees (responsible for fly ash and fuel characterization standards, respectively)
- Chair, ASME Research Committee on Corrosion and Deposits from Combustion Gases
- Editorial Board, Progress in Energy and Combustion Science

### **Bill Johnson, Manager Biofuels Development, Alliant Energy**

Bill is responsible for biofuel planning and development for the company's baseload power plants. Prior to his current position Bill was Manager of Agricultural Customer Services being responsible for stray voltage, commodity and non-commodity sales, electrical wiring programs, rural safety, demand side management and agriculture renewable energy programs for Alliant Energy's 53,000 farm customers.

Before coming to Alliant Energy he was Dean of Agriculture and General Education for at Blackhawk Technical College, Janesville, WI, where he also taught comparative anatomy & physiology.

Mr. Johnson is a graduate of Southern Illinois University and the UW of Wisconsin-Madison, with degrees in Animal Science and Reproductive Physiology-Endocrinology. He is published in several peer reviewed scientific journals.

# RENEWABLE BIOMASS FOR AFFORDABLE POWER GENERATION

March 23 – 24, 2010

## Dinner Workshop

### ACCELERATING GROWTH AND DEVELOPMENT IN BIOMASS PRODUCTION

**Tuesday, March 23, 2010**

Registration: 5:30 – 6:00 p.m.

Workshop Timing: 6:00 – 9:00 p.m.

Dinner will be served

#### OVERVIEW

Utilities have a stake in establishing sustainable biomass supply systems. This workshop starts with building a firm foundation of existing and added "purpose grown" biomass supply. In addition, structuring a portion of that supply, can control a sizeable portion of the price risk, which is one of the key strategic hurdles to successful biomass for power combustion.

Attend this workshop as Janet Hawkes, an acknowledged biomass expert, guides you through the steps to successful creation and adoption of "purpose grown" supply which can address the uncertainty and volatility surrounding a biomass price-risk mitigation strategy.

#### WHO SHOULD ATTEND

- Agri-business professionals
- Renewable and cleantech project developers
- Environmental and technical consultants
- Finance and investment professionals
- Forestry professionals
- Governmental agencies involved in resource management and land use permitting
- Individuals involved in the biofuels supply chain
- NGO's
- Public utilities and regulatory staffers
- Regulators, communications staff, and others who need a basic understanding of coal-fired power plant operations
- Siting and permitting attorneys
- Sustainable fuel and feedstock interests
- Utility executives with renewable energy responsibilities
- Utility fuel purchasing
- Utility strategists

#### LEARNING OUTCOMES

- Analyze and distinguish the role of purpose grown biomass
- Discuss the methodology for non-genetic acceleration of biomass supply
- Distinguish the key aspects of sustainable supply
- Examine how the integration of a managed supply system can be accomplished and encouraged by existing incentives

#### AGENDA

- o Accelerating Growth and Development in Biomass Production
  - Purpose-grown biomass production systems
  - Achieving accelerated biomass growth and productivity through an array of techniques and practices
  - Integrating compatible and value-added land uses within biomass supply chain
  - Ensuring sustainability of biomass supply systems
  - Incentives, credits, trading opportunities related to biomass production

#### INSTRUCTOR

##### **Janet E. Hawkes, PhD, Strategic Partner and CTO, RPM Ecosystems, DR1**

Janet Hawkes has extensive experience in horticulture, agriculture, agro-forestry, and environmental sciences. She was recently Director of the Cornell Educational Resources Program in the College of Agriculture and Life Sciences at Cornell University. A consultant since 1986, she has worked with a wide array of businesses, organizations, agencies, and governments on environmental and agricultural projects and programs. She currently serves on the Advisory Board for the United Nations Food and Agriculture "The Growing Connections" Program and as an advisor to Stone Barns Center for Food and Agriculture among other board positions. Janet is currently a Strategic Partner and CTO of RPM Ecosystems LLC.

**EUCI is authorized by IACET to offer 0.3 CEUs for this workshop**

#### Instructional Methods

Case Studies and PowerPoint Presentations

#### Requirements for Successful Completion

Participants must sign in/out each day and be in attendance for the entirety of the workshop to be eligible for continuing education credit.

# RENEWABLE BIOMASS FOR AFFORDABLE POWER GENERATION

March 23 – 24, 2010

## Post-Conference Workshop **FINANCING BIOMASS – WORKSHOP AND CASE STUDIES**

**Thursday, March 25, 2010**

Registration and Continental

Breakfast: 7:30 – 8:00 a.m.

Workshop Timing: 8:00 a.m. – 12:00 p.m.

### OVERVIEW

This program brings leading investment bankers and a leading clean tech private placement attorney to interpret and analyze the key variables in successful renewables financing for biomass to power.

Speakers will address case examples of financing for different types of renewables, reflecting their physical and legal characteristics, consider how these may utilize types of tax exempt finance, and focus on the extent to which the Federal DOE loan guarantee or programs of other Federal agencies provide the additional credit strength to make projects financeable.

### WHO SHOULD ATTEND

- Consultants, lawyers and finance professionals
- Lenders and potential investors in renewable energy resources
- Independent power producers
- Long term energy planners
- PUC staff and commissioners
- NGO's and green advocacy groups looking to foster renewable adoption
- Government staff responsible for green program strategy and planning
- Renewable and clean-tech project developers

### LEARNING OUTCOMES

- Analyze and distinguish various successful approaches to financing biomass power development across different energy segments
- Classify and analyze bonds as an attractive alternative or adjunct to traditional bank debt and tax equity
- Differentiate the attractive nature of bonds, coupled with, or separated from federal government funding options
- Identify the potential of these federal alternatives in light of regulatory concerns

### AGENDA

- o Elements of a Financeable Project
  - Feedstock
  - Technology
  - EPC
  - Off-takes
  - O&M contract
  - Equity sponsorship
- o Overview of Credit Enhancing Techniques
  - Federal programs
  - State programs
  - Other forms of credit enhancement
  - Case studies
- o Federal Incentives for Renewable Energy Projects –Converting Biomass to Power
  - Status of biomass
  - ARRA
  - Key Tax Incentives
  - DOE, USDA Loan Guarantees
- o Balance Sheet Financing vs. Project Financing
  - Tax-exempt bonds
  - Tax-credit bonds
  - Bonds vs. Bank debt
  - Ownership structuring options
  - Bridging the grant in lieu of ITC
  - Use of prepay PPAs
  - Due diligence
  - Timetable
- o Shared Strategies of Biofuels and Biopower
  - Integrated Biorefineries--advanced biofuels and biomass-to-power operations
  - Pilot and demonstration manufacturing facilities grants
  - DOE and USDA loan guarantees
  - Use of ITC grants, New Market Tax Credits, etc. as part of a financing structure
  - Effect of multiple statutory/regulatory definitions of biomass on financing

**EUCI is authorized by IACET to offer 0.4 CEUs for this workshop**

#### Instructional Methods

Case Studies and PowerPoint Presentations

#### Requirements for Successful Completion

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# RENEWABLE BIOMASS FOR AFFORDABLE POWER GENERATION

March 23 – 24, 2010

## INSTRUCTORS

### **Les Krone, Senior Vice President, Stern Brothers & Company**

Prior to joining Stern Brothers & Co., Mr. Krone was a Managing Director in the Energy and Power Investment Banking Group with Wachovia Securities. Previously he was a Managing Director and Head of the Utility Group at A.G. Edwards & Sons, Inc., which was acquired by Wachovia in 2007. He joined A.G. Edwards in 1987 and he played a key role in establishing the Utility Group in 1992 to serve U.S. investor-owned electric, gas and water utilities. At A.G. Edwards he helped more than 60 investor-owned utilities to raise over \$30 billion of debt and equity capital in more than 200 transactions.

### **John M. May, Managing Director, Stern Brothers & Company**

John is responsible for developing and growing the Firm's Renewable Energy Practice. He is a seasoned project finance investment banker who has financed over \$1 billion in loan and par values for over 100 clients in his 15-year banking career.

He developed one of the first tax-exempt subordinated bond structures sold to major U.S institutional investors to fund ethanol projects. He has also pioneered the use of State guarantees of debt for biofuels financings. He secured a \$15 million full faith and credit guarantee from the State of Illinois for a biodiesel project. He also underwrote one the country's first tax-exempt bond issues to fund a landfill gas-to-electricity project. One of his current interests is in the development of tax-exempt solid waste bonds for use in funding gas to liquids projects. He has been involved in financing renewable projects in ten Midwestern and Western states.

Stern Brothers & Co. has pioneered the use of tax-exempt bonds as an alternative to bank debt in the biofuels and landfill gas areas.

### **Mark Riedy, Member, Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.**

Mark is a member in Mintz Levin's Washington, D.C. office, in the firm's Corporate and Energy and Clean Technology practices. He focuses on the project finance, government funding and private placement representation of renewable and conventional energy, clean technology, communications, infrastructure, environmental, and investment fund clients.

A Founder and Original General Counsel:

- Renewable Fuel Association –1979-1984
- Clean Fuels Development Coalition – since 1985
- Clean Fuels Foundation – since 1990
- American Council on Renewable Energy – since 2001
- Latin American Council on Renewable Energy - since 2009

A Key Lobbyist for The Renewable Fuels And Renewable Power Industries in the 1978 Public Utility Regulatory Policies Act, 1983 Caribbean Basin Economic Recovery Act, 1990 Clean Air Amendments (and Reformulated Gasoline Regulations thereto), 1992 Energy Policy Act, 2005 Energy Policy Act, and the 2007 Energy Independence and Security Act, 2008 Food, Conservation and Energy Act, and 2009 American Recovery and Reinvestment Act.

PROCEEDINGS

A copy of the conference proceedings will be distributed to attendees at the event. If you are unable to attend or would like to purchase additional copies, flash drives are available 2 weeks after the conference is complete. The cost per Flash Drive is US\$495 [add US\$50 for international shipments]. Flash Drives include visual presentations only. Upon receipt of order and payment the Flash Drive will be shipped to you.

NOTE : All presentation flash drive sales are final and are non-refundable.

CONFERENCE LOCATION

A room block has been reserved at the Hyatt Regency Minneapolis, 1300 Nicollet Mall, Minneapolis, Minnesota, USA 55403, for the nights of March 22-24, 2010. Room rates are US \$109 single/double guest rooms. Call 1-612-370-1234 for reservations and mention the EUCI conference to get the group rate. Make your reservations prior to March 1, 2010. There are a limited number of rooms available at the conference rate. Please make your reservations early.

REGISTRATION INFORMATION

REMEMBER, EVERY 4TH REGISTRANT IS FREE

for instant registration, call (201) 871-0474 or fax the Registration form to (253) 663-7224.

Register 3, Send 4th Free!!

Any organization wishing to send multiple attendees to this conference may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.

All cancellations received on or before February 19, 2010 will be subject to a US\$195 processing fee. Written cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI conference or publication. This credit will be good for six months. In case of conference cancellation, Electric Utility Consultants' liability is limited to refund of the conference registration fee only. for more information regarding administrative policies such as complaint and refunds, please contact our offices at (201) 871-0474.

EUCI reserves the right to alter this program without prior notice.

MAIL DIRECTLY TO:

The Power Marketing Association (PMA)
P.O. Box 2303
Falls Church, VA 22042

FAX TO: (253) 663-7224
PHONE: (201) 871-0474

PLEASE REGISTER THE FOLLOWING

- Renewable Biomass for Affordable Power Generation Conference Only, US \$1395
Early Bird Before March 12, 2010, US \$1195
Renewable Biomass for Affordable Power Generation Conference and One Workshop, US \$1795
Early Bird Before March 12, 2010, US \$1595
Renewable Biomass for Affordable Power Generation Conference and Two Workshops, US \$2195
Early Bird Before March 12, 2010, US \$1995
Renewable Biomass for Affordable Power Generation Conference and all Workshops,
March 23 - 24, 2010, US \$2595
Early Bird on or Before March 12, 2010, US \$2395
I'm sorry I cannot attend, but please send me the conference proceedings at US \$495.
(Please add US \$50 for international shipping)

ENERGIZE WEEKLY

When you sign up for "Energize Weekly" you will receive a new conference presentation each week via email on a relevant industry topic. The presentations are selected from a massive library of over 1000 current presentations that EUCI has gathered during its 22 years organizing conferences.

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(Direct email, Colleague, Speaker(s), etc.)

Name Job Title
Name Preferred for Badge E-Mail
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