

BIOMASS TO POWER

NORTH AMERICA

JULY 10 - 11, 2019
RALEIGH, NC, USA

Unlocking the Potential of Latest Developments and Innovations

KEY TOPICS

- Analysis of Biomass Developments
- Sourcing & Sustainability Supply
- Technological Advancements of Biomass to Power
- Biomass Handling & Storage
- Investment Opportunities in Biomass Energy Sector
- Case Studies: Biomass to Power Projects in North America
- Policy & Regulation
- The Latest Biomass Conversion Developments Stimulating & Transforming The Biomass Industry
- Sustainability of Biomass to Energy

SITE VISIT

Exclusive Site Visit: NOVEC Energy Production, Halifax County Biomass
On Tuesday July 9 a limited number of conference delegates will receive a unique opportunity to visit NOVEC Energy Production, Halifax County Biomass plant. There is no extra charge to attend the site visits, but spaces are strictly limited and allocated to conference delegates on a first-come, first-served basis, so it is highly recommended to book early to guarantee availability.

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Krisztina Gyulavari on
+1 929 331 6835 or kvari@acieu.net



Biomass to Power North America

Raleigh, NC, USA

July
10-11
2019

Broadening horizons on the growing Biomass Power industry for almost a decade at the sell-out Biomass to Power conference in Europe, ACI is thrilled to announce the expansion of its Energy portfolio of events across the Atlantic with the release of **Biomass to Power North America** will be taking place in **Raleigh, NC, USA July 10-11 2019**.

This year's show will play host to an audience of owners and operators of biomass power facilities, utilities, producers and distributors of biomass feedstocks and many more, providing a focal point to discuss the latest advancements in the field.

Over the two days, the event will give you in-depth look into case studies giving practical examples of planning, finance and technology strategies utilized for biomass cogeneration projects.

Once again, the conference will bring together senior executives from the entire value chain, such as power producers, regulatory bodies, raw materials providers and researchers, as well as other influential stakeholders.

Join us in Raleigh, NC to exchange your point of view with your peers and engage in excellent networking opportunities.

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Opportunities to Meet your Target Audience

Showcase your technologies to the industry and demonstrate the capabilities of your latest products and services; gain direct access to our senior level audience and have an increased level of visibility & exposure through branding and networking at the conference. This will allow you to attract new business and forge lasting commercial relationships.

For information on available commercial opportunities, please contact:

**Krisztina Gyulavari + 36 30 855 0782 or
kvvari@acieu.net**

Speaking Opportunities

If you would like to be considered as a speaker, for a 30-45mins presentation, at the event please submit an abstract for consideration to:

**Mikhail Kryukov +44 20 3141 0649 /
mkryukov@acieu.net**

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Registration is Simple

If you would like to register for this event or wish to find out more information, please contact:

**Marcin Janecki + 48 61 646 7047
mjanecki@acieu.net**

DAY 1

Wednesday July 10, 2019

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**

09:15 **ON-STAGE INTERVIEW**

Advantages of Biomass Energy

- Implementing effective way to phase out of coal while retaining benefits of a flexible power
- Diversification of biomass use: chemicals, materials, 2nd generation fuels

09:45 **SESSION ONE**

Analysis of Biomass Developments

- Evaluating the supply and demand in a global outlook and the upcoming industry trends
- Assessing total current and potential biomass capacity in North America
- Changing landscape of the industry players
- Identifying potential market opportunities

William Strauss
President
FutureMetrics, LLC

11:00 **MORNING REFRESHMENTS**

11:30 **SESSION TWO**

Sourcing & Sustainability Supply

- Sustainability framework for Energy-from-biomass uses
- Maximizing smart blending and feedstock diversification
- Future proofing feedstock supply
- Optimizing biomass power supply chain

Brian Baldwin
Professor
Mississippi State University

Emily Heaton
Associate Professor
Iowa State University

John Fike
Associate Professor
Virginia Tech

13:20 **LUNCH**

14:20 **SESSION THREE**

Technological Advancements of Biomass to Power

- Optimization of new and existing filtration systems
- Enhancing efficiency by investing in the right solution
- Innovative concepts: sustainability, efficiency and resource capacity
- Optimized adaptive control for biomass power generation

Darcey Bailey
West Production Manager
Ontario Power Generation

Trevor Taylor
Engineering Specialist
Coal Milling Projects

Jacob Welch
Director Of Engineering
Detroit Stoker Company

16:10 **AFTERNOON REFRESHMENTS**

16:40 **CONFERENCE PRESENTATION**

Biomass Handling & Storage

- Illustrating flow & handling problems related to flaky or fibrous biomass feedstocks
- Best practice for biomass pellets through the supply chain to minimize pellet breakage and dust generation
- Dealing with risks of dust explosions, self heating, off gassing during storage

17:25 **CONFERENCE PRESENTATION**

Coal to Biomass Fuel Flow Control Challenges

- Recent experiences of coal to biomass conversions in 600MW and 1000 MW units
- Controlling raw fuel feed rate and primary airflow under various conditions
- Integrating sensors in the existing pipe work

Stephan Larmann
CEO
PROMECON USA, Inc.

18:10 **CLOSE OF DAY ONE**

DAY 2

Thursday July 11, 2019

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**

09:05 **SESSION FOUR**

CHP Projects: Case study examples

- Advantages and disadvantages for plants using both waste and biomass in CHP plants
- Opportunities for small-scale CHPs: different tech types, key applications and markets
- CHP plants: retrofitting from fossil, newly build CHP, or extension

Art Samberg
Assistant Director
U.S. DOE Southeast CHP TAP

Dan Wilson
Board Chair
BTEC

10:20 **MORNING REFRESHMENTS**

10:50 **SESSION FIVE**

Case Studies: Biomass to Power Projects in North America

- Maximizing capacity when considering technology
- Small scale vs. large scale developments
- Challenges & opportunities while implementing a plant
- Exploring political, economic and investment strategies
- Lesson learned & pitfalls to avoid

Fred D. Circle
President CEO
FDCE

Jon Puckett
Procurement Manager
Ameresco Inc.

12:05 **CONFERENCE PRESENTATION**

Policy & Regulation

- Overview of the different strategies & support in place for renewable energy sources
- Sustainability requirements for biomass to energy in US regulatory framework
- Updates on US Renewable Fuel Standard and California Low Carbon Fuel Standard

Paul Newall
President
Newall Consulting Inc.

12:50 **LUNCH**

13:50 **SESSION SIX**

Sustainability of Biomass to Energy

- Sustainability Certification systems of woody biomass
- Advanced combustion methods and boiler technologies, augmenting boiler's output
- Industrial market of wood pellets
- Bioenergy and carbon capture: Importance, opportunities & challenges

Donald Smith
Distinguished James McGill Professor
McGill University
CEO and Scientific Director
BioMass Canada

Joseph Aquino
Head Of Sustainability
Pinnacle Renewable Energy Inc.

15:05 **END OF CONFERENCE & AFTERNOON REFRESHMENTS**

Commercial & Exhibition Opportunities

Showcase your technologies to the industry by gaining direct access to our senior level audience and increasing your visibility through branding and networking.

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 +48 61 646 7047

 mjanecki@acieu.net

 <http://www.acieu.net>

 Postal Address:

ACI Europe, 10 Gough Square, London, EC4A 3DE

Registration is Simple

Conference (Includes Access to All Documentation) July 10-11 2019	\$2,395.00
Documentation Packet Only	\$615.00

Please Note.

Members and customers of all supporting organizations are entitled to a discount off their conference package.

For more information please call **Marcin Janecki** on +48 61 646 7047

Documentation Packet Available

We are selling Biomass to Power North America papers at just \$585 (+\$30 shipping & handling). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago with offices all around the States, ACI opened its European head office at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, oil & gas, cosmetics, chemicals & media.

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Terms & Conditions

Payment

Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

Discounts are available for multiple/group bookings. Please call **Marcin Janecki** on +48 61 646 7047 for more information.

Cancellations

Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

Accommodation

The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.