

2017 PLANT RETIREMENT: MITIGATION OF RISK, PROJECT EXECUTION, AND REDEVELOPMENT

March 1-2, 2017
Sheraton Suites Galleria Atlanta
Atlanta, GA



EUCI is authorized by IACET to offer 1.0 CEUs for this conference

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In Pursuit of Progress



OVERVIEW

Generation owners of aging coal or oil fueled stations have already done so or are still planning on closing facilities due to various U.S. Environmental Protection Agency rules like the Mercury and Air Toxics Standards with some impacts by many other rules as well. While these rules have been a major force in changing the landscape of coal powered generation, there have also been the economic influences of less demand and natural gas prices while non-critical and aging plants simply are no longer economically viable.

For those companies that are still engaged in planning after the decision was made to close, what happens next? How does an owner essentially cover the costs associated with closing a plant and how that impacts the decision to simply mothball, demolish, convert fuels or sale of the property? For those owners that have closed a facility, there are issues that are left behind after the brick and mortar presence has left the community. Some of those issues are community engagement and development approaches to assist those left without a job, to the opportunities to be “a good neighbor” in the community with physical reuse opportunities or sale of the property for redevelopment. This conference will answer and discuss some of these questions and issues.

Additionally, the conference will provide owners with the next step in the plant closure process by sharing vital information and lessons that have been acquired by the generation owners in the program by discussing: comprehensive beginning to end closure projects, the preparation involved in selling a plant, environmental liability transfer options, and plant redevelopment options and possibilities.

LEARNING OUTCOMES

- Examine Duke Energy’s decommissioning progress with a focus on costs, risks, and lessons learned over the past 5 years
- List Southern Company’s lessons learned that help mitigate risks associated with the dismantlement process, safety, and environmental compliance
- Review a completed Dominion project from beginning to completion covering planning process, vendor selection, scope planning through to final completed execution
- Discuss the experience and knowledge gained from the successful demolition of Santee Cooper’s Grainger Generating Station
- Engage in a panel discussion on the challenges facing generation owners after closing a plant
- DTE Energy as they systematically retire most of their fossil generation fleet
- Describe Wisconsin Power and Light’s (Alliant Energy) work to prepare their power station for a conversion to a new student union and athletic facility for Beloit College
- Examine Exelon Generation’s complexities of preparing a retired power plant site for sale
- Discuss the benefits of an environmental liability transfer during power plant closure
- Review American Electric Power’s decommissioning processes for regulated and deregulated assets evaluating demolishing vs liability transfer, risk appetite and how to mitigate risk
- Examine the process involved in re-developing a former power plant as discussed in the successful redevelopment of Austin’s Seaholm Power Plant



“The quality of the presentations was outstanding! The topics covered were very relevant and the information shared will be very helpful to me.”

Manager-Decommissioning, DTE Energy

AGENDA

WEDNESDAY, MARCH 1, 2017

8:00 – 8:30 am

Registration and Continental Breakfast

8:30 – 8:40 am

Introductions

8:40 – 9:25 am



Duke Energy – Demolition Program Update

The presentation will focus on the current and future demolition program at Duke Energy, including a focus on costs, risks, and lessons learned over the past 5 years.

Danny Wimberly, Regional Manager - Plant Decommissioning and Demolition, Duke Energy

9:25 – 10:05 am



An Organizational Structure for Dismantling Power Plants

This presentation will review suggestions for positions and responsibilities that help mitigate risks associated with the dismantlement process, safety, and environmental compliance and communications as learned through Southern Company's decommissioned projects.

Billy Aiken, Project Manager, Southern Company Services

10:05 – 10:35 am

Networking Break

10:35 – 11:15 am



From Conception to Completion: An Owner's View of Decommissioning and Demolition

- Planning process for decommissioning and demolition
- Vendor selection and contracting process
- Scope development and supporting documentations
- Execution – team requirements and interactions
- Lessons learned – what was valuable, what was not necessary and what would be done different the next time

Christine Harris, Director – Power Generation Projects, Dominion Resources Services, Inc.

Bob Jackson, Decommissioning - Demolition Consultant, Golder Associates Inc.

11:15 am – 12:00 pm



Demolishing Santee Cooper's 164 MW Grainger Generating Station

This presentation will discuss the experience and knowledge gained through the successful demolition of Santee Cooper's 164 MW Grainger Generating Station.

- Engineer selection and defining the scope
- Contractor bid review and award
- Managing the demolition process
- Summary of the demolition phases by the contractor
- Lessons learned to be applied on the next project

David Ralston, Director of Sales and Business Development, National Salvage & Service Corporation

12:00 – 1:00 pm

Group Luncheon



"Hearing other companies talk about the decommissioning process and their "lessons learned" is a valuable resource to the newcomers in this type of work. Knowing what not to do helps guide us to knowing what to do."

Senior Engineer, Santee Cooper

AGENDA

WEDNESDAY, MARCH 1, 2017 (CONTINUED)

1:00 – 2:15 pm

Generation Owner Panel Discussion: Facing the Challenges of Plant Closure and Reuse

This moderated answer and question session will dive into the various unknowns and challenges facing generation owners after closing a plant and options for what to do with the asset after it has ceased operations. Attendees should feel free to ask their questions of these expert panelists.

Julea Hovey, Asset Manager, Exelon Generation

Brian Weisker, VP of Coal Combustion Products (CCP) O&M, Duke Energy

Chris Beam, Vice President, Projects, Controls & Construction, American Electric Power

Jill Stevens, Manager of Decommissioning and Environmental Services, Alliant Energy

Jeffery L. Pope, Practice Leader, Facility Decommissioning & Demolition

2:15 – 3:00 pm

The Economic Development Impacts and Opportunities of Power Plant Decommissioning

This session will focus on the issues associated with Economic Impacts and Economic Development opportunities for plant decommissioning. Engagement strategies with communities to address issues associated with workforce transitions, tax and user fee revenue losses, as well a process to discuss potential land and facility reuse opportunities.

Robert J. Osborn, Esq., Corporate Economic Development, Xcel Energy

3:00 – 3:30 pm

Networking Break

3:30 – 4:15 pm



A Fossil Generation Fleet Retirement at DTE Energy

This presentation will share the recent DDD experiences of DTE Energy as they systematically retire most of their fossil generation fleet. Topics that will be discussed include:

- Sale of retired power plants
- Owner managed demo and site clean up
- Repurposing retired power plant buildings/sites
- Decommissioning activities at operating facilities

Neil Mortensen, Project Manager - Deconstruction & Decommissioning, DTE Energy

Kirk McGinn, Manager - Capital Projects Fossil Plant Decommissioning, DTE Energy

4:15 – 5:00 pm



Blackhawk Transformation Project

The retired Blackhawk Station in Beloit Wisconsin is located adjacent to Beloit College. Wisconsin Power and Light (WPL) (a subsidiary of Alliant Energy) has entered a partnership with the College. WPL will be removing the equipment from the plant and Beloit College will re-construct the facility into a new student union and athletic facility called "The Powerhouse."

Jill Stevens, Manager of Decommissioning and Environmental Services, Alliant Energy

5:00 – 6:00 pm

Networking Reception



"Rather than a typical conference with consultants & contractors vying for client contacts/opportunities, this conference provided great insight into major utility's successes and best practices for plant decommission."

Principal Engineer, Anchor QEA



"Very informative sessions and enjoyed the discussion."

Plant Manager, Newfoundland Hydro/Nalcor Energy

AGENDA

THURSDAY MARCH 2, 2017

8:00 – 8:30 am

Continental Breakfast

8:30 – 9:15 am



New Boston Station Success Story – Positioning for Redevelopment

This case study will review the complexities of preparing a retired power plant site for sale, managing stakeholders, and maximizing the value. This South Boston area plant has had power operations for over 100 years and Exelon is setting it up for redevelopment by a new owner.

Julea Hovey, Asset Manager, Exelon Generation

9:15 – 10:00 am

Post Closure Environmental Liability Transfer Strategy for Remediation and Repurposing of Retired Power Plants

When retired power plants are impacted by unresolved environmental issues, the associated environmental liability can be transferred to an outside party through a liability buyout transaction, also known as an Environmental Liability Transfer (ELT). ELTs are designed to create a financed pathway for the complete removal environmental risk while also creating incentives for environmental clean-up and redevelopment of the distressed site through the private sector. This presentation will discuss the benefits of this strategic transaction during power plant closure and its impact on major retired assets from companies including AEP, DTE Energy, Shell Global, and others.

Randall Jostes, CEO, Environmental Liability Transfer, Inc.

10:00 – 10:30 am

Networking Break

10:30 – 11:15 am



Post Closure Options Developed by American Electric Power

This presentation will focus on the path taken by American Electric Power (AEP) for regulated and deregulated assets after the closure date. Discussion will focus on decommission efforts, evaluating demolishing vs liability transfer, risk appetite and how to mitigate risk. It will conclude with an update on AEP's self-demo effort and liability transfers.

Chris Beam, Vice President, Projects, Controls & Construction, American Electric Power

11:15 am – 12:00 pm



Seaholm Power Plant Re-Development

The re-development of the Seaholm Power Plant is the anchor of a new Seaholm District, forming the southwest quadrant of downtown Austin. Taking this historic decommissioned power plant and repurposing it while developing the land around it has created a place to live, work, play, shop, eat and sleep on the shore of Lady Bird Lake, and is connected with a major intermodal transportation network. This presentation will wrap up the conference with a comprehensive look at the process involved in re-developing a former power plant.

John C Rosato, Principal, Southwest Strategies Group Inc

12:00 pm

Conference Adjourns



"I really enjoyed the conference and have a much better understanding of all of the constituents needed to decommission/mothball a power plant."

Sr. Business Analyst, Southern Company

INSTRUCTIONAL METHODS

Case studies, PowerPoint presentations, and group discussion will be used in this event.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

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

IACET CREDITS



EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

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EVENT LOCATION

A room block has been reserved at the Sheraton Suites Galleria Atlanta, 2844 Cobb Parkway SE, Atlanta, GA 30339 for the nights of February 28-March 1, 2017. Room rates are US \$169 plus applicable tax. Call **844-535-7255** for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is February 8, 2017 but as there are a limited number of rooms available at this rate, the room block may close sooner. **Please make your reservations early.**

REGISTER 3, SEND THE 4TH FREE

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



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PLEASE SELECT

- 2017 PLANT RETIREMENT: MITIGATION OF RISK, PROJECT EXECUTION, AND REDEVELOPMENT CONFERENCE:**
MARCH 1-2, 2017 US \$1495,
EARLY BIRD on or before FEBRUARY 10, 2017: US \$1295
- I'M SORRY I CANNOT ATTEND, BUT PLEASE EMAIL ME A LINK TO THE CONFERENCE PROCEEDINGS FOR US \$295

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

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OR Enclosed is a check for \$ _____ to cover _____ registrations.

Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before January 27, 2017 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of conference cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at (201) 871-0474.