

2020 PLANT RETIREMENT

Lessons Learned on Comprehensive Project Execution

September 21-22, 2020
Online | Central Time



"The event was a great learning experience for owners, engineers and contractors to share lessons learned in demo/decon."

Manager, Generation Projects,
Dominion Energy

POST-CONFERENCE WORKSHOP

**Planning and Implementation
of Power Plant Retirements**

TUESDAY, SEPTEMBER 22, 2020



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EUCI is authorized by IACET to offer 1.0 CEUs for the conference, and 0.4 CEUs for the post-conference workshop



OVERVIEW

Environmental regulations have been a major force in changing the landscape of coal powered generation. Over the past decade the closing of coal facilities has markedly increased and will continue to for years to come. Some of these causes for closure are regulation and public outcry but the economic influences of less demand and natural gas prices have further caused non-critical and aging plants to become no longer economically viable.

This annual 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 this program. The conference will wrap up with a question and answer session of what owners should know during the process followed by a separate post-conference workshop on the comprehensive planning and process that goes into closing a facility.

LEARNING OUTCOMES

- Review the steps taken in the closure of Salt River Project's Navajo Generating Station
- Understand what it took for the successful completion of Great River Energy's Stanton Station
- Discuss some challenges met and lessons learned during Detroit Edison's Conner's Creek Power Station
- Explore how to reposition sites for redevelopment and work jointly with the community to create a win/win scenario for all stakeholders involved
- Discuss a Cooperative's decommissioning and closure steps taken by Tri-State Generation and Transmission
- Engage in a generation owners panel discussion on the challenges of decommissioning and closure
- List Dominion Energy's steps in reviewing decommissioning value engineering plans for successful projects
- Review a thorough description of the process and steps for the novice, to accomplish a successful project
- Engage in a contractor's question and answer session sharing what generation owners should know before, during and after the decommissioning and demolition process.



"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



"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



"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

MONDAY, SEPTEMBER 21, 2020 - CENTRAL TIME

8:45 – 9:00 am	Login
11:45 am – 12:30 pm	Lunch break
9:00 am – 4:30 pm	Conference Timing
9:00 – 9:10 am	Introductions
9:10 – 9:30 am	Welcome Opening Remarks <i>Kevin Hlavaty, Director, Major Enterprise Project, DTE Energy</i>
9:30 – 10:30 am	Steps Taken Leading Up to the Closure of Navajo Generating Station The Owners of NGS (Navajo Generating Station) announced in February of 2017 that the station will be closing December of 2019. This presentation discusses the steps taken to prepare for the closure. Steps taken include keeping safety #1, operational and maintenance changes, communication with impacted communities, redeployment of employees and use of contractors. <i>Kenneth (Joe) Frazier, Plant Manager – Navajo Generating Station, Salt River Project</i>
10:30 – 10:45 am	Break
10:45 – 11:45 am	Great River’s Stanton Decommissioning This presentation will review what has been accomplished and some conclusions of this successful closure project. <i>Rich Garman, Senior Project Manager, Great River Energy</i>
12:30 – 1:30 pm	Lessons Learned on Conner’s Creek Power Station This presentation will discuss the challenges met and lessons learned during the final closure and completion of this site that stopped production over a decade ago. <i>Neil Mortensen BSCM, MAOM, PMP, MEP Project Manager, DTE Energy</i>
1:30 – 2:30 pm	Plant Abatement and Demolition – Lessons Learned from an Owner’s Engineer This presentation will discuss the challenges faced in a full closure of a site and the lessons learned along the way. These valuable lessons will be shared in detail by the utility and their owner’s engineer giving you both perspectives. <i>Keith Kotimko, Decommissioning and Demolition Specialist, Wood</i>
2:30 – 2:45 pm	Break



“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

AGENDA

2:45 – 3:30 pm

Nucla Station Decommissioning Overview

1. Tri-State background
2. Nucla Station background and history
3. Decision Process behind the plant closure
4. Decommissioning Activities
5. Regulated Materials Survey
6. Demolition Plan
7. Site Closure Plan

Terry Nelson, Senior Manager of Generation Project Construction, Tri-State Generation and Transmission Association

3:30 – 4:30 pm

Panel Discussion: Facing the Challenges of Plant Closure

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.

Neil Mortensen BSCM, MAOM, PMP, MEP Project Manager, DTE Energy

Donald Smith, Project Manager, Dominion Energy

Kenneth (Joe) Frazier, Plant Manager – Navajo Generating Station, Salt River Project



“Very informative sessions and enjoyed the discussion.”

Plant Manager, Newfoundland Hydro/Nalcor Energy



“Great experience. Conference was very informative. Would recommend to others.”

Senior Electrical Engineer,
East Kentucky Power Cooperative



“An excellent conference to gain knowledge and share experiences with other stakeholders in the power industry.”

General Manager, Business Support & Administration, Jamaica Public Service

AGENDA

TUESDAY, SEPTEMBER 22, 2020 - CENTRAL TIME

8:45 – 9:00 am

Login

9:00 am – 12:00 pm

Conference Timing

9:00 – 9:45 am

Demolition, Decommissioning, Environmental Clean-up and Liability and What Makes Sense for You

- Owners role in the closure
- Contractor role in the closure
- Early planning process and why it is critical
- Who should be involved from your company to get the ball rolling and stay rolling smoothly
- Staying in control and updated on environmental liabilities and clean-up
- How to qualify demolition contractors; what to look for/questions to ask when making a decision on which contractor is right for you and your project
- Why having a hand in managing your project can be important to you
- Case Study: Florida Power & Light and Jacksonville Electric Authority's 1280MW Johns River Power Park

Frank Bodami, Managing Member, Total Wrecking & Environmental, LLC

9:45 – 10:30 am

Managing (Identifying) Decommissioning Value Engineering Plans to Enable Effective Environmental Assessments, Permits, and Risk Reviews

- Selecting the right Owners Engineer as a strategic partner
- Completing the regulated materials survey to understand the pending financial liability
- Understanding the complexity with utility separation planning with remaining on-site generating assets
- Examining the environmental permits necessary for decommissioning and demolition
- Developing high level cost estimates for financial planning
- Developing the detailed demolition scope and solutions to establish contracting strategies

Donald Smith, Project Manager, Dominion Energy

10:30 – 10:45 am

Break

10:45 am – 12:00 pm

Panel Discussion: What Owners should know

This moderated answer and question session will discuss the lessons learned during the process and what owners should know. Attendees should feel free to ask their questions of these expert panelists.

Moderator TBD

Frank Bodami, Managing Member, Total Wrecking & Environmental, LLC

Paul N. Conway, Estimating & Marketing Manager, GSD Companies

12:00 pm

Conference Adjourns



"This was a great introduction to and overview of utility experience in decommissioning and repurposing closed coal sites. I learned a lot for a new job role."

Sr. Program Manager, Wastewater Treatment, TVA

POST-CONFERENCE WORKSHOP

Planning and Implementation of Power Plant Retirements

TUESDAY, SEPTEMBER 22, 2020 - CENTRAL TIME

12:45 – 1:00 pm

Login

1:00 – 4:30 pm

Workshop Timing

OVERVIEW

New, cheaper natural gas generation and increasing use of renewable energy sources have continued to precipitate the retirement of fossil-fuel power plants around the United States. This acceleration of retirements has forced utilities to determine the fate of these plants will be following shutdown. As the announcement are made, utilities must begin planning for decommissioning and either retirement-in-place or full demolition of these plants. The planning and implementation process present a unique challenge to utilities and plant operators. Successfully navigating the overall process to safely and cost effectively conduct the retirement activities requires a step by step approach.

Planning and implementation of the retirement process requires stepwise approach to: decide on the approach for retirement; determine the end use of the property; the development of a conceptual scope of work; coordination with utilities' operations, environmental, security, safety, management and other stakeholders to finalise scope; and to conduct a bid process to hire a contractor to successfully complete the project.

This workshop is focused on presenting the steps in the process necessary to plan and implement the retirement process starting from the announcement of retirement to completion of the project.

LEARNING OUTCOMES

- Review the steps in pre-planning for a closure project
- List what is involved in the scope development
- Dive deeper into what is involved in project implementation



“Presentations provided valuable information on a timely subject affecting the power industry.”

General Manager, Wisconsin Public Service

WORKSHOP AGENDA

TUESDAY, SEPTEMBER 22, 2020 - CENTRAL TIME

- Pre-Planning
 - Different approaches
 - End use determination
 - Financial considerations
- Scope Development
 - Regulatory and environmental factors
 - Environmental assessments
 - Asbestos and hazardous materials
 - Coordination with utility operations
 - Stakeholders finalizing scope
- Project Implementation
 - Bid process to hire a contractor
 - Coordination with utility operations
 - Security
 - Safety
 - Monitoring project progress
 - Project closure

WORKSHOP INSTRUCTOR



Jeffery L. Pope PE
**Manager, Facility Decommissioning & Demolition Services,
Burns & McDonnell Engineering Co., Inc**

INSTRUCTIONAL METHODS

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

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.

EUCI is authorized by IACET to offer 1.0 CEUs for the conference and 0.4 CEUs for the post-conference workshop

ONLINE COURSE DELIVERY & PARTICIPATION DETAILS

We will be using Microsoft Teams to facilitate your participation in the upcoming event. You do not need to have an existing Teams account in order to participate in the broadcast – the course will play in your browser and you will have the option of using a microphone to speak with the room and ask questions, or type any questions in via the chat window and our on-line administrator will relay your question to the instructor.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

Participants must login for the entirety of course to be eligible for continuing education credit.

REGISTER 3, SEND THE 4TH FREE

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

COURSE RECORDING

A recording of this program will be available for three days from either the end of the program (or three days from the date of purchase, if you purchase the recording after the session ends). It is presented in four-hour sessions and can be watched an unlimited number of times for three days (for the registrant). There is no additional cost beyond the registration fee.

To Register Click Here, or

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SEPTEMBER 21-22, 2020: US \$1195
- POST-CONFERENCE WORKSHOP ONLY:
PLANNING AND IMPLEMENTATION OF POWER PLANT RETIREMENTS**
TUESDAY, SEPTEMBER 22, 2020: US \$395

Online Course Delivery & Participation Details

See page 8 for information

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

Print Name

Job Title

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CREDIT CARD INFORMATION

Name on Card

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Account Number

Billing City

Billing State

Exp. Date

Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

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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 August 20, 2020 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 course 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. EUCI reserves the right to alter this program without prior notice.