

ELECTRICAL T&D ASSET MANAGEMENT

July 17-18, 2017
W Chicago Lakeshore
Chicago, IL

   **TAG US #EUCIEvents**
FOLLOW US @EUCIEvents



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

OVERVIEW

Faced with complicated transmission and distribution systems and limited O&M budgets, utilities are being pressed to optimize their asset management investments while facing heavy scrutiny from both internal and external stakeholders. This annual program focuses on real experiences shared with attendees so they will leave with asset management tools to address problematic system components and justify their maintenance decisions to management, regulators, and external stakeholders.

Best practices in asset management and strategic investment decision are at the program's core and will be discussed throughout with a focus on getting the most out of your assets for the least cost and best value. Developing an asset health monitoring framework for measuring, tracking and monitoring value creation will be highlighted as well.

The program's format is meant to be as interactive as possible for attendees allowing them to engage in meaningful question and answer sessions during each section as well as a facilitated round table discussion that will bring forth any remaining questions and topics for open discussion among all attendees and speakers.

LEARNING OUTCOMES

- Review the components of whole life costing strategies for evaluating costs
- Describe the approach to developing risk matrices based on business values
- Discuss performance metrics, performance management strategies, root cause analysis techniques, and determining the levers that can be used to best improve operating performance
- Describe an approach to consider all these items in a decision-making framework, and how to weight them appropriately given the strategic priorities of the company
- Review the components of asset condition assessments for equipment focused asset management
- Expand on the use of performance metrics, asset management plans, and prioritization strategies in equipment asset management
- Review the risk-based process that ComEd uses to prioritize its Capital Investments
- Engage in facilitated table discussions on the benefits and challenges of the different asset management approaches

WHO SHOULD ATTEND

- Utility T&D planners, engineers and executives
- Managers, engineers, planners, and professionals involved in capital and strategic planning for electric utilities
- Professionals responsible for the analysis, planning, and management of the distribution asset base's aging, condition, and condition management
- Transmission and distribution equipment vendors
- Reliability engineers and managers
- Risk managers

AGENDA

MONDAY, JULY 17, 2017

8:00 – 8:30 am **Registration and Continental Breakfast**

8:30 am – 5:00 pm **Symposium Timing**

12:00 – 1:00 pm **Group Luncheon**

Strategic Asset Management Decision Making

Asset Management involves optimizing decisions across the three conflicting dimensions of cost, performance, and risk. This session will describe a detailed approach for evaluating each of these dimensions, and how to make informed decisions about capital investments, O&M spending, performance improvement, and risk mitigation.

- **Evaluating Costs**

Best practice asset management involves optimizing costs across the life of the asset. In many cases, the lowest cost short term approach might be the most expensive in the long run. This topic will describe whole life costing strategies; comparing capital versus O&M expenditures (e.g., repair versus replace); rate base considerations; and techniques for performing financial analysis of different investment alternatives.

- **Evaluating Risks**

Risk Management is a critical aspect of Asset Management and influences asset strategies, capital investment decisions, and practices for the operation and maintenance of mission-critical assets. This topic will describe the approach to developing risk matrices based on business values; identifying risks; analyzing risks; and evaluating risk mitigation actions.

- **Evaluating Performance**

While most utilities are very experienced in monitoring and reporting key performance indicators like reliability and operational efficiency, challenges remain with regards to determining the true drivers of performance and the root causes behind performance deficiencies. This topic will discuss performance metrics, performance management strategies, root cause analysis techniques, and determining the levers that can be used to best improve operating performance.

- **Making Optimal Decisions**

The right decision isn't always the lowest cost one, the one that eliminates the most risk, or the one that most improves performance – it is the one that best achieves the business values that are important to the company. These values typically include safety, customer satisfaction, environmental factors, regulatory requirements, and many other factors. This topic will describe an approach to consider all these items in a decision-making framework, and how to weight them appropriately given the strategic priorities of the company.

AGENDA

MONDAY, JULY 17, 2017 (CONTINUED)

Equipment Focused Asset Management

Developing a focused asset-management strategy permits utilities to maximize their current assets and plan for future expansion, as well as replacement due to age, condition, and failure.

This afternoon of content will introduce the concepts of asset condition assessment (ACA) and describe the strategy-focused aspects of T&D asset management. Performance metrics, asset management plans, and prioritization strategies will be introduced.

- Challenges
- Asset Condition Assessment Process and components
- Health Indexing
- Relating Health Index with Probability of failure
- Using risk assessment to prioritize assets within the same asset category and develop long-term flagged-for-action plans
- New development and expansion of ACA scope
- Asset Analytics tools
- Performance Metrics
- CIGRE AM activities

TUESDAY, JULY 18, 2017

8:00 – 8:30 am **Continental Breakfast**

8:30 – 11:45 am **Symposium Timing**

ComEd’s Asset Management Process – A path to smarter investing

The presentation will cover the risk-based process that ComEd uses to prioritize its Capital Investments. The process includes the Health Indexing process, Risk Score Model, and future enhancements that will help ComEd determine the smartest investments to make on its electrical grid.

Roundtable Discussion on Strategic Asset Management

Through facilitated table discussions, we will develop a shared understanding of the benefits and the challenges of the different approaches on the value measures and the decision processes and discuss steps to address those challenges.

SPEAKERS

Dale Player

Manager of Material Condition in the Asset Performance Group, ComEd

Tom Myers

Principal, UMS Group

Jeff Cummings

Senior Vice President, UMS Group

Yury Tsimberg

Director - Asset Management, Kinectrics, Inc.

INSTRUCTIONAL METHODS

Case studies and PowerPoint presentations will be used in this seminar.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

Participants must sign in/out each day and be in attendance for a minimum of four hours to be eligible for any 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.

EUCI is authorized by IACET to offer 1.0 CEUs for this symposium.

REGISTER 3, SEND THE 4TH FREE

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

EVENT LOCATION

A room block has been reserved at the W Chicago Lakeshore, 644 N Lake Shore Drive, Chicago, IL 60611, for the nights of July 16 - 17, 2017. Room rates are \$229 USD, plus applicable tax. Call **312-943-9200** for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is June 23, 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.**



REGISTRATION
to register [CLICK HERE](#) or

Call: 201 871 0474
fax: 253 663 7224
email: register@pmaconference.com
web: <http://pmaconference.com/>
Mail: POB 2303 Falls Church Va 22042

EVENT LOCATION

A room block has been reserved at the W Chicago Lakeshore, 644 N Lake Shore Drive, Chicago, IL 60611, for the nights of July 16 - 17, 2017. Room rates are \$229 USD, plus applicable tax. Call **312-943-9200** for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is June 23, 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.***

PLEASE REGISTER

ELECTRICAL T&D ASSET MANAGEMENT SYMPOSIUM
 JULY 17-18, 2017 | CHICAGO, IL: US \$1395,
 Early bird on or before June 30, 2017: US \$1195

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

Print Name Job Title

Company

What name do you prefer on your name badge?

Address

City	State/Province	Zip/Postal Code	Country
------	----------------	-----------------	---------

Phone Email

List any dietary or accessibility needs here

CREDIT CARD INFORMATION

Name on Card	Billing Address
Account Number	Billing City Billing State
Exp. Date	Billing Zip Code/Postal Code

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 June 16, 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 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 at (201) 871-0474.