

Spring 2018 WORKSHOP – Nuclear Committee Agenda - April 23-25, 2018
San Antonio, Texas

| Time | Session Title |
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| Monday | |
| 8:00 – 9:30 | GENERAL SESSION – EUCG President Welcome & Keynote Speaker |
| 9:30 – 10:00 | Break |
| 10:00 – 11:00 | NC1 - EUCG Introductions, General Business and 2018 Strategic Plan Update – David Ward |
| 11:00 – 12:00 | NC2 - Presentation of Member Issues - David Ward |
| 12:00 – 1:00 | Lunch |
| 1:00 – 2:00 | NC3 - South Texas Best Practice Presentation – Zero Based Budgeting Process - Connie Miller |
| 2:00 – 2:45 | NC4 – Discussion of Member Issues to Determine Major Topics & Breakout Team Assignments - David Ward |
| 2:45 – 3:00 | Break |
| 3:00 – 3:45 | NC5 - Issues Task Team Reports - Shari Bella <ul style="list-style-type: none"> 1. NextEra (Shari Bella) - Contract Administration Survey results 2. AEP - (Laura Fletcher/Anna Eaton) - Long Range Planning Survey results 3. PG&E (Kelly Young) - Key Performance Indicator Target Setting Survey results |
| 3:45 - 4:15 | NC6 - Major Nuclear Issues Discussion - Purpose / Scope / Team Lead - David Ward |
| 4:15 – 4:30 | NC7 - Day One Wrap Up and Next Day Plan - Phil Young (Group Picture) |
| Tuesday | |
| 8:00 – 9:00 | NC8 – NIID Enhancements / Data Definitions - Chris Messer – Database Manager |
| 9:00 – 9:45 | NC9 - Nuclear Industry Performance Indicator Central Database - David Ward |
| 9:45 – 10:00 | Break |
| 10:00 – 11:00 | NC10 – Procurement Engineering Prioritization Reporting & Obsolescence (PE PRO) Application - Jacob Denny - Duke Energy and Jon Thomas - Duke Energy |
| 11:00 – 12:00 | NC11 - PG&E Enterprise Contract Management Center of Excellence – Mike Meko |
| 12:00 – 1:00 | Lunch |
| 1:00 – 2:00 | NC12 - Delivering the Nuclear Promise Panel Discussion - Jeff Davis |
| 2:00 - 2:45 | NC13 – NEI’s Perspectives on DNP Current Progress and Future Opportunities - Harsh Desai |
| 2:45 – 3:00 | Break |
| 3:00 – 3:45 | NC14 - Major Issues Discussion / Finalize Wednesday Presentations – D. Ward - Chair |
| 3:45 – 4:00 | NC15 - Day Two Wrap up and Next Day Plan - Phil Young |
| Wednesday | |
| 8:00 – 9:00 | NC16 - Breakout Team Presentations |
| 9:00 – 10:30 | NC17 – Talen Innovation Central Overview and Innovation Submittal Process Discussion (includes break) - Shari Bella |
| 10:30 – 11:30 | NC18 - Summation of Spring 2018 Workshop, Overview of Fall 2018 Workshop Agenda & Roundtable - David Ward |
| 11:30 – 2:30 | Nuclear Leadership Team Meeting |

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| Monday |
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8:00 – 9:30 Session Title: EUCG General Session

1. Welcome Address
2. Keynote Speaker

9:30 – 10:00 BREAK

**10:00 – 11:00 Session Title: NC1 – Introductions, General Business & 2018 Strategic Plan Update
David Ward – Duke Energy, Nuclear Committee Chair**

David Ward will kick-off the Nuclear Committee session of the Spring 2018 Nuclear Workshop, by facilitating the introduction of the workshop attendees, highlighting the workshop agenda and providing members with an update on the Nuclear Committee's business and related issues including the highlights of the EUCG Nuclear Committee 2018 Strategic Plan.

**11:00 – 12:00 Session Title: NC2 – Presentation of Member Issues
David Ward – Duke Energy, Nuclear Committee Chair**

David Ward will present the issues submitted by members prior to the workshop. The request for issues was sent to each member company's Primary Representative and Management Sponsor. This is to present items only with more detailed discussion to occur in NC4. The process to collect, disseminate and resolve issues will be included in the NC11 session.

12:00 – 1:00 LUNCH

**1:00 - 2:00 Session Title: NC3 - South Texas Best Practice Presentation - Zero Based Budgeting Process
Presenter: Savannah Cornelius, Finance Manager, STP Nuclear Operating Company**

In response to the challenging market conditions, STP Nuclear Operating Company set out on a mission to reduce baseline O&M costs through the utilization of Zero Based Budgeting. Their first iteration of Zero Based Budgeting included the full scale approach. They have since completed Zero Based Budgeting "Smart" where they utilized EUCG data to help target specific areas to revisit the zero based approach. This presentation will outline the process they used, best practices they identified, and how EUCG data helped them to find a more efficient and effective way to execute this time and resource intensive budgeting process.

**2:00 – 2:45 Session Title: NC4 – Discussion of Member Issues
David Ward – Duke Energy, Nuclear Committee Chair**

David Ward will facilitate the discussion of the issues submitted and presented by members in NC2. This discussion on member issues serves to encourage member interaction with their peers during the workshop. Where possible, the answers to the issues can be provided during this session. If further discussion is required, members have an opportunity to meet with their counterparts at the conclusion of the day to discuss in more detail. If the issue is deemed a major one, it will be discussed further in NC6.

2:45 – 3:00 BREAK

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3:00 – 3:45 Session Title: NC5 – Ad Hoc Survey Results

Shari Bella - Talen Energy

This session allows EUCG Nuclear Committee members to provide results from Ad-Hoc survey requests their company requested since the last workshop. The following will provide updates on their respective Ad-Hoc surveys:

1. NextEra (Shari Bella) - Contract Administration Survey results
2. AEP - (Laura Fletcher/Anna Eaton) - Long Range Planning Survey results
3. PG&E (Kelly Young) - Key Performance Indicator Target Setting Survey results

3:45 – 4:15 Session Title: NC6 – Major Nuclear Issues Discussion - Purpose / Scope / Team Lead

David Ward – Duke Energy, Nuclear Committee Chair

David Ward will continue the discussion regarding the issues submitted by members in order to determine those deemed to be Major Issues. The issues will be discussed and ranked to effectively utilize the experienced resources present at the workshop. There are typically a maximum of 4 Major Issues addressed at each workshop, given the resources available. Workshop attendees will choose which issue they will work on and then the collected "breakout" teams will determine the purpose / scope / team logistics for the assigned Major Issue. The expectation is that the Breakout Team members will present their proposals / resolution at the close of the workshop on Wednesday morning during NC16 session.

4:15 – 4:30 Session Title: NC7 – Day One Wrap Up and Next Day Plan

Phil Young – Exelon

Phil Young will close the day's sessions with a wrap up and next day highlights. At the conclusion of this session it also allows an opportunity for members *to network* with their counterparts to discuss details/answers to questions raised in NC2 and NC4.

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| Tuesday |
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8:00 – 9:00 Session Title: NC8 - Nuclear Integrated Information Database (NIID) Enhancements

Christine Messer - Database Manager - Nuclear Committee

Christine Messer will present the latest upgrades to NIID. These include enhancements to the data definition, new reports, and training tools.

9:00 – 9:45 Session Title: NC9 – Nuclear Industry Performance Indicator Central Database

David Ward - Duke Energy, Nuclear Committee Chair

The nuclear industry is working on an industry standard indicator database via Efficiency Bulletin EB 17-17, Performance Indicator Central database with a 2019 implementation date. The entry point for the industry common database will be the INPO Consolidated Data Entry (CDE) System. David Ward will provide an update regarding the progress and status of this initiative.

9:45 – 10:00 BREAK

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10:00 – 11:00 Session Title: NC10 – Procurement Engineering Prioritization Reporting & Obsolescence (PE PRO) Application

Jacob Denny, Lead Procurement Engineer

Jon Thomas, Procurement Engineering Manager, at Duke Energy

Jacob Denny and Jon Thomas will present an overview of the PE PRO application. This application was developed and implemented within Procurement Engineering (Fleet Nuclear Design) at Duke Energy in March 2016. It interfaces with fleet data and assigns real-time priorities to all Fleet Procurement Engineering teams' work items (including obsolescence and critical spares), based on plant needs and equipment reliability classifications. Successfully coordinating and aligning the dynamic priorities across a fleet of nuclear plants requires efficient communication and organization—especially when the fleet is comprised of 11 operating reactors at six sites in two states. This application drives PE efficiencies across Duke Energy's nuclear fleet and demonstrates the innovation that will help the nuclear industry continue to compete in the 21st century. Time will be provided for an open discussion at the end of the presentation.

11:00- 12:00 Session Title: NC11 - PG&E Enterprise Contract Management Center of Excellence

Mike Meko, Director of Generation Supply Chain - Pacific Gas & Electric

Mike Meko will present the journey and benefits of establishing an Enterprise Contract Management Center of Excellence and the lessons learned of establishing this group and working with the Community of Practice at PG&E. Time will be provided for an open discussion at the end of the presentation.

12:00 – 1:00 LUNCH

1:00 – 2:00 Session Title: NC12 - Delivering the Nuclear Promise Program

Jeff Davis - DTE Energy

The 'Delivering the Nuclear Promise' Program (DNP) launched by the US nuclear energy industry is a multiyear initiative aimed to boost industry efficiency, safety and economic viability of the nuclear power plants. The EUCG Nuclear committed to maintain this program on its agenda for each Workshop to ensure that the members are appropriately informed and engaged in discussing and exchanging ideas related to the implementation of this program across the industry.

The session will consist of two segments:

1. Presentations on DNP cross-section initiatives – Arizona Public Service will discuss Palo Verde Generating Station’s value-based maintenance initiatives. This segment is open to other members to share their own experiences on these initiatives.
2. Member roundtable - allowing members to provide similar insights/issues on the progress of the DNP within their respective companies. Topics will include the transforming the organization initiatives and the standardized performance indicators initiative.

2:00 – 2:45 Session Title: NC13 – NEI's Perspectives on DNP Current Progress and Future Opportunities

Harsh Desai – Nuclear Energy Institute

Harsh Desai will provide updates on the nuclear operating costs for 2017 and discuss the impacts of the Delivering Nuclear Promise (DNP) thus far. There will be an open discussions on the future direction of DNP. Harsh will also discuss current state of play at federal and states level.

2:45 – 3:00 BREAK

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3:00 – 3:45 Session Title: NC14 – Major Issues Discussion / Finalize Wednesday Presentations

The Major Issues Breakout Teams continue developing Task Charter. They identify how they see the issue being resolved. The issues, problem statement, the expected end product and the benefit statement must be stated as best as can be with available information. Teams prepare a short presentation of findings and recommendations.

3:45 – 4:00 Session Title: NC15 – Day Two Wrap Up and Next Day Plan
Phil Young – Exelon

Phil Young will close the day's sessions with a wrap up and next day highlights. Breakout teams can utilize the time after this session to finalize presentations for Wednesday morning.

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| Wednesday |
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8:00 – 9:00 Session Title: NC16 – Breakout Team Presentations

The Breakout Team Leads present the findings and potential next steps for their respective issue. The attendees provide feedback on the presentations. The draft charters, if applicable, are provided to the Nuclear Chair for discussion with the Nuclear Leadership Team regarding disposition (resources, timelines etc.).

9:00 – 10:30 Session Title: NC17 – Talen Innovation Central Overview and Innovation Submittal Process Discussion (includes break)
Shari Bella - Talen Energy

Shari Bella will provide an overview of the recently implemented Innovation Central initiative at Talen Energy. Also included in the presentation will be the process by which innovative ideas and concepts will be submitted and discussed at future workshops.

10:30 – 11:30 Session Title: NC18 - Summation of Spring 2018 Workshop, Overview of Fall 2018 Workshop Agenda & Roundtable
David Ward - Duke Energy, Nuclear Committee Chair

David Ward will wrap up the workshop action items; provide an overview of the Fall 2018 Workshop agenda in Denver in September 2018; solicit member feedback on the workshop content and facilities; and officially close the workshop.

11:30 - 2:30 Nuclear Leadership Team Meeting
Nuclear Leadership Team members (only)