**EUCG 2022 Spring Workshop**

**April 25-27, 2022**

**The Westin Riverwalk, San Antonio**

**San Antonio, Texas**

*Fossil Generation Committee*

***Monday, April 25, 2022***

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| **Time Blocks** | **Session Title** |
| 8:00 – 9:00 CT | ***Breakfast*** |
| **Time Block 1**9:00 – 10:30 CT  | **EUCG General Session Panel Discussion – Transportation Electrification – Panel Discussion****Speakers from TVA, Duke Energy, & PG&E.**  |
| 10:30 – 11:00 CT | ***Break*** |
| 11:00-12:00 CT | **FP-01 Introductions/Opening comments/ Hot Topics Discussion** * **Name, Company name and description, position or role, at least one item that you wish to take away from this workshop.**
* **Discussion of Hot Topics that provide benchmarking value to your company.**
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| 12:00 – 12:30 CT | **FP-02 New Technologies – Robotic Dog****John Kapland - TVA**John Kapland from TVA will present case studies on how their company utilizes Robotic Dogs to improve Safe Work practices & Operational Excellence. |
| 12:30 -1:00 CT | **FP-03** **CC/GT Database** **Brian White – Southern Califonia Edison****Joyce Jackson - Cook-Jackson, Inc. / Austin, Texas**The CC/CT Database Task Team will present a general overview of 2021 database survey changes in definitions. Also a report out on the current data submittal status and a look forward at the Fall Workshop report out. A Q&A session will follow the team’s presentation. |
| 1:00 – 2:00 CT | ***Lunch***  |
| 2:00 – 2:30 CT | **FP-04** **NERC Compliance –** **Site Security with CIP Standards** **Frank Lee - Pacific Gas and Electric** Frank will present a general overview of PG&E’s journey for Plant Site Sercurity per NERC CIP standards including some challenges and success examples. A Q&A session will follow the team’s presentation. |
| 2:30 – 3:00 CT | **FP-05 Assessment of Fossil Fleet****Gabriel Jones – Tennessee Valley Authority**Gabe wil present the Operational Assessment process utilized by TVA Power Operations to measure operational programmatic adherence/performance in it’s Coal, Gas and Hydro plants  |
| 3:00 – 3:30 CT | ***Break*** |
| 3:30 – 4:00 CT | **FP-06 Decarbonization Options for Existing Assets** **Andrew Campbell – TVA**Discussion on challenges and oppertunities around developing decarbonization options for existing utility assets. Technologies discussed will include capture, storage, and utilization. |
| 4:00 – 4:45 CT | **FP-07 GADS/Performance Data – Panel** **Leeth DePriest – Southern Company****Ben Zimmerman – Tennessee Valley Authority****Leeth DePriest** will discuss Southern Company’s in-house Generating Availability Data System (GADS) program, features, reporting capabilities, and data use cases. Leeth will also touch on past and future planned enhancements to the program.**Ben Zimmerman** will discuss TVA’s Fossil operating unit performance metric journey over the past twenty years.  |
| 6:30 -9:00 CT | ***Monday Evening Networking Event*** |

***Tuesday, April 26, 2022***

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| **Time Blocks** | **Session Title** |
| 8:00 – 9:00 CT | **Breakfast** |
|  9:00 – 10:00 CT | **FP-08 Safety Case Studies****Deanthony Willis - Southern Company****Joey Sales - Tennessee Valley Authority****Josh Harris, PG&E**Representatives of FGC member utilities will present safety case studies, lessons learned and corrective actions taken to improve safety, followed by a round table discussion on Safety Improvement ideas. |
| 10:00 -11:00 CT | **FP-09 Onboarding – Panel (TVA, AECC, SCE & SoCo)****Tiffany Coker - Tennessee Valley Authority** **Bryan Sikes - Arkansas Electric Coop****Heath Shore – Southern California Edison****Sara Steiner – Southern Company**Representatives of FGC member utilities will answer the following questions:Does your company have a formal onboarding process (bootcamp) for new hires? If so, please provide some detail. What tools are available for new supervisors?What challenges have you faced with the onboarding process during COVID and/or working remotely? What changes have you implemented with the onboarding process during COVID and/or working remotely? What kind/type of goals do you set for new employees?How do you gather feedback on the program and measure its success?  |
| 11:00 – 11:30 CT | ***Break***  |
| **Time Block 9**11:30 – 1:00 CT | **FP-10 Safe work Practices** *(Joint Session with Solar and T&D)* *Lone worker, LOTO - Roundtable discussion from each utlity how are we managing work on our sites, energy isolation, Working at night benefits/risks? What is eveyone using to determine lone work vs multiple workers. PPE - ARC Flash requirements.* *DTE study on ARC flash calculation - Updates on EPRI 1500v study if available.*  |
| 1:00 – 2:00 CT | ***Lunch*** |
| **Time Block 10**2:00 – 3:30 CT | **FP-11 Monitoring and Diagnostic (M&D) Centers – Overview, Benefits & Good Catches (Joint Session with Hydro)****Dan Foster-Roman, OPG****Jason Satterfield, TVA** **Alex Banicki, PGN**M&D Centers provide oversight of a utility’s power generation assets. These functions, which include routine monitoring, and potential abnormal condition reporting. Utility representatives will provide an overview of their company’s M&D center, how it supports the asset management program and an example of a “good catch”. One presenter will share the support their company’s wind generation fleet from the M&D center.  |
| 3:30 – 4:00 CT | ***Break*** |
| **Time Block 11**4:00 - 5:00 CT | **FP-12 Continous Improvement Programs – Panel (TVA, OPPD)** **Leah Christensen - Tennessee Valley Authority** **Clinton Zavadil - Omaha Public Power District** Continuous Improvement efforts are vital for organizations to survive and stay competitive. Representatives of FGC member utilities will present on their companies’ Continuous Improvement Programs and efforts to enhance business operations.  |
| 5:00 - 5:30 CT | **FP-13 2022 Fall Workshop Agenda Development** |

***Wednesday, April 27, 2022***

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| **Time Blocks** | **Session Title** |
| 8:00 – 9:00 CT | ***Breakfast*** |
| **Time Block 12**9:00 – 10:30 CT | **FP-14 Asset Management – Panel (SCE, OPPD, PGN, AECC, TVA)** **Kishore Billapati** **- Southern California Edison****Clinton Zavadil - Omaha Public Power District** **Lee Archer - Portland General Electric****Bryan Sikes - Arkansas Electric Coop****Ben Zimmerman – Tennessee Valley Authority****Andrew Campbell – TVA**Operating and maintaining operating assets is essential to the success of each utility. Each panel member will present a short presentation on their companies’ Asset Management Program and/or Strategy. |
| 10:30 – 11:00 CT | **Final review for proposed Fall 2022 Workshop Agenda and summarize Key Take-aways for Spring 2022 workshop** |
| 11:00 – 11:30 CT | ***Break***  |
| **Time Block** 11:30 -1:00 CT | **Fossil Generation Committee – Steering Meeting (all Member Representatives Welcome)** |
| 1:00 CT | ***Workshop Adjourns*** |
| **Time Block 15**1:30 – 4:00 CT | **EUCG Board Meeting** |