

EUCG 2019 Spring Workshop
 April 7 – 10 • St. Petersburg, Florida

*Fossil Topics Under Consideration**

	Topic Title	Description
1	Fossil keynote	A representative from an FGC member utility or an outside organization will speak to Fossil delegates about the current major business, environmental, or regulatory issues or challenges facing his/her company and the fossil electric generating industry in general.
2	Fossil Best Practices Awards	The FGC will present Fossil Best Practices Awards to recognize processes and programs that have reduced cost, enhanced revenue, or improved performance, safety, or otherwise improved the health of EUCG member companies. Representatives of the award-winning organizations will be invited to make presentations about their best practices.
3	TVA's Solar Solutions Initiative	<i>Abstract pending</i>
4	Air In-Leakage in Fossil Steam Cycles	This session will feature a presentation from Arizona G&T on best practices for minimizing air in-leakage in fossil steam cycles and monitoring performance of associated air removal equipment.
5	Advanced F- & G-class GT retrofit product solutions: flexibility for current & future power market needs	Power companies are being tasked to meet the demands of a more environmentally conscious market while providing competitive prices in a power market that is unpredictable and that fluctuates daily. As a result, these challenges have emphasized the importance of effective portfolio and risk management, in particular with the installed base of gas turbine power plants. Identifying the right technology solutions available to retrofit into these power plant assets, which offer enhanced operational flexibility and reliability that meet business and strategic objectives, is the challenge. During this session, a guest speaker from PSM will describe two retrofits for F- and G-Class gas turbines that can be installed together or separately to increase flexibility and improve output and efficiency. The speaker will provide examples of these retrofits currently operating in F-Class gas turbine power plants.
6	Asset management best practices	This session will focus on best practices used to maintain safe and reliable operations at a combined cycle and coal facility. Topics include high energy piping programs, critical spare parts inventory levels, and proactive measures that members can take to ensure safe and reliable plant operation.

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7	Safety case studies	Representatives from FGC member utilities will present safety case studies. A presentation might focus on a specific event – its root cause, lessons learned, and corrective action taken – or it might highlight a general plant safety issue such as the use of improvised tools or the development of lone worker guidelines.
8	Operator training programs	<p>Panelists from FGC member utilities will discuss the operator training programs in place at their companies' plants. Panelists will address such topics as</p> <ul style="list-style-type: none"> • The key components of their operator training programs • Tools and resources used to develop these programs • Using outside vendors to implement these programs • Qualification and re-qualification processes • The challenges of keeping operating staff qualified
9	Outage best practices	This session will focus on the strategies that utilities use to prepare for large planned unit outages. These outages typically represent a large concentrated expenditure of resources (both labor and dollars). During the session, panelists will discuss how they are organized for planning outages as well as the tools they use to ensure they are prepared to execute those outages.
10	Plant closure transition case study	<i>Abstract pending</i>
11	Monitoring & diagnostic centers	Panelists from FGC member utilities will make short presentations on how their utilities use real-time performance monitoring and diagnostic data for early detection and diagnosis of plant equipment and performance issues.
12	Cybersecurity: what does your utility do?	<i>Abstract pending</i>
13	Supervisor in the field program	A representative from PG&E will describe the Leader in the Field program and explore methods used to promote active field participation by all levels of leadership. This participation allows for a better safety focus and a greater understanding of the risks that teams in the field face daily. Pre-job safety planning, job-specific training, safety observations, and supportive coaching are all elements to be discussed.
14	Capital project support teams	The focus of this session is staffing and alignment for teams responsible for executing capital projects. Panelists will discuss topics such as the engineering effort and how this need is met; the role that Subject Matter Experts play in the design process; and the role of the project manager and the teams that support the project manager such as supply chain, scheduling and quality assurance. Additional discussion will highlight what works well and what needs to be improved.

* Not all topics will appear on the final agenda

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15	Continuous improvement case studies	Representatives of FGC member utilities will present short presentations focused on continuous improvement success stories and lessons learned.
16	Panel: Predictive maintenance programs	A well-defined and -executed predictive maintenance program saves time and money by reducing unneeded time-based maintenance tasks and by identifying and addressing problems before unexpected equipment failures occur. In this session, panelists will describe their companies' predictive maintenance programs, present case studies from their respective programs, and explain the program's effect on cost, efficiency and availability.
17	Process safety management	<i>Abstract pending</i>