

# EUCG 2023 Fall Workshop

September 17-20, 2023

## Solar Committee Schedule

Monday, September 18, 2023

Time Blocks	Session Title
8:00-9:00 CT	<b>Breakfast</b>
Time Block 1 7:00 – 8:30 PT 8:00 – 9:30 MT 9:00 – 10:30 CT 10:00 – 11:30 ET	General Session.  Opening Remarks & Presentation: <b>Andrew Campbell</b> , TVA, <i>EUCG President</i>  Keynote Speaker & Presentation: TBD
10:30-11:00 CT	<b>Break</b>
Time Block 2 9:00-9:45 PT 10:00-10:45 MT 11:00-11:45 CT 12:00-12:45 ET	<b>(CLOSED SESSION)</b>  <b>SOLAR COMMITTEE BUSINESS MEETING</b> <b>Welcome, Introductions, and Safety Moment</b> <b>Jeremy Garcia (APS) / <span style="background-color: yellow;">Scott Trombley (Duke)</span> – Solar Committee</b>  <i>This session will include introductions of attending utilities and a discussion of their expectations for the week. Other items included in this session will be: Updates on Solar Committee business and laying the groundwork for future Solar Sessions.</i> <ul style="list-style-type: none"> <li>• Welcome and Introductions</li> <li>• Current solar vs. future installations</li> <li>• Success Stories</li> </ul>
Time Block 3 10:00-11:00 PT 11:00-12:00 MT 12:00-1:00 CT 1:00-2:00 ET	<b>(CLOSED SESSION)</b>  <b><u>Retirement Unit Catalog – Capital vs. O&amp;M</u></b>  <i>This will be a panel discussion to discuss what items and thresholds constitute a capital expenditure vs. O&amp;M. Will also discuss how much money should be allocated for capital expenses throughout the year.</i>
1:00-2:00 CT	<b>Lunch</b>
Time Block 4 12:00 – 1:00 PT 1:00 – 2:00 MT 2:00 – 3:00 CT 3:00 – 4:00 ET	<b>(CLOSED SESSION)</b>  <b><u>DC Arc Flash Methodologies</u></b>  <i>The session will focus on the different methodologies behind determining DC Arc Flash. The different levels of PPE required per calculation and their impact on safety due to weather conditions, ability to maneuver, and label requirement.</i>
3:00-3:30 CT	<b>Break</b>

<p>Time Block 5  1:30 – 2:30 PT  2:30 – 3:30 MT  3:30 – 4:30 CT  4:30 – 5:30 ET</p>	<p><b>(CLOSED SESSION)</b></p> <p><b><u>Technologies (Drones, IA, PIVision)</u></b></p> <p><i>This session will discuss the different types technologies that can assist with efficiencies and economical impact on O&amp;M and maintenance at utility scale solar sites.</i></p>
<p>6:30-9:00 CT</p>	<p><b><i>Networking Event</i></b></p>

**Tuesday, September 19, 2023**

<b>Time Blocks</b>	<b>Session Title</b>
8:00-9:00 CT	<b><i>Breakfast</i></b>
Time Block 7 7:00 – 11:00 PT 8:00 – 12:00 MT 9:00 – 1:00 CT 10:00 – 2:00 ET	<b><u>HOLD – BESS Discussion</u></b>  Excerpt: Discussion
1:00-2:00 CT	<b><i>Lunch</i></b>
Time Block 10 12:00 – 1:00 PT 1:00 – 2:00 MT 2:00 – 3:00 CT 3:00 – 4:00 ET	<b>(CLOSED SESSION)</b>  <b><u>Trackers and Preference</u></b>  This session will be a discussion on what different types of tracking systems are being used and the maintenance and frequency.
3:00-3:30 CT	<b><i>Break</i></b>
Time Block 11 1:30-2:30 PT 2:30-3:30 MT 3:30-4:30 CT 4:30-5:30 ET	<b>(CLOSED SESSION)</b>  <b><u>QAQC in Commissioning</u></b>  This discussion will cover lessons learned in commissioning of utility scale solar sites. As sites are continuing to increase in size what steps should be taken to ensure a quality project.

**Wednesday, September 20, 2023**

<b>Time Blocks</b>	<b>Session Title</b>
8:00-9:00 CT	<b><i>Breakfast</i></b>
Time Block 12 7:00-8:00 PT 8:00-9:00 MT 9:00-10:00 CT 10:00-11:00 ET	<b>(CLOSED SESSION)</b>  <b><u>CIP Requirements for Utility Scale Solar Sites</u></b>  This session will be used to discuss what is the determining factor in a site becoming CIP. We will also focus on the restrictions and requirements that will need to be put in place at energization and throughout Operations and Maintenance.
Time Block 13 8:00-9:00 PT 9:00-10:00 MT 10:00-11:00 CT 11:00-12:00 ET	<b>(CLOSED SESSION)</b>  <b><u>Performance Calculations (Availability and Performance</u></b>  This session will focus on how availability is calculated and when it is tracked. What is the impact on performance numbers in regards to outages, extension of outages, and inverter module failures that do not take down an entire inverter.
11:00-11:30 CT	<b><i>Break</i></b>
Time Block 14	<b>(CLOSED SESSION)</b>

<p>9:30-10:30 PT  10:30-11:30 MT  11:30-12:30 CT  12:30-1:30 ET</p>	<p><b><u>SCADA Functionality</u></b></p> <p>This session will focus on SCADA systems. What systems are being used and the capability of the systems such as breaker operation, curtailment, and remote resets.</p>
<p>Time Block 15  10:30-12:00 PT  11:30-1:00 MT  12:30-2:00 CT  1:30-3:00 ET</p>	<p><b>(CLOSED SESSION)</b></p> <p><b>Solar Topics/Roundtable</b>  <b>Jeremy (APS)/Scott (Duke) – Solar Committee</b>  <i>Time will be taken to discuss the Weeks activities: Were expectations met? What additional information might be of help? What new topics have come up as a result of these discussions?</i></p> <p><b>Spring 2024 Agenda Build</b>  <i>Planning ahead for the Fall Workshop. Topic discussions and ideas will be gathered.</i></p>
<p>2:00 CT</p>	<p><b>Workshop Adjourns</b></p>
<p>Time Block 16  11:00 – 1:00 PT  12:00 – 2:00 MT  1:00 – 3:00 CT  2:00 – 4:00 ET</p>	<p><b>EUCG Board Meeting</b></p>