

**EUCG 2025 Fall Workshop
September 21-24, 2025
The Westin Pittsburgh
Pittsburgh, Pennsylvania**

Draft – June 17, 2025

Monday, September 22, 2025

Time Blocks	Session Title
8:00 – 9:00 EDT	<i>Breakfast</i>
9:00 – 10:30 EDT	EUCG General Session & Keynote Speaker
10:30 – 11:00 EDT	<i>Break</i>
11:00-12:00 EDT	<p>HP-01: Welcome & Introductions, Heather McDowell, HPC Chair & Seattle City Light (SCL)</p> <p>An introductory session will give all members the opportunity to introduce themselves and their companies.</p>
12:00 -12:30 EDT	<p>HP-02: Top Performance Analysis, Methodology and Results Gbadebo Oladosu, Oak Ridge National Laboratory (ORNL) and John Schuknecht, HPC Data Consultant</p> <p>The analytical process utilized to evaluate the cost and performance data will be reviewed.</p>
12:30 -1:00 EDT	<p>HP-03: 2024 Top Performers – Analysis and Results, Part I Peer Group: 0 – 30 MW Presenter To Be Determined (TBD)</p>

1:00 – 2:00 EDT	<i>Lunch</i>
2:00 – 3:00 EDT	<p>HP-04: 2024 Top Performers – Analysis and Results, Part II Peer Group: 30 – 100 MW Presenter To Be Determined (TBD)</p> <p>Peer Group: 100 – 500 MW Presenter To Be Determined (TBD)</p>
3:00 – 3:30 EDT	<i>Break</i>
3:30 – 4:30 EDT	<p>HP-05: 2024 Top Performers – Analysis and Results, Part III Peer Group: Greater 500 MW Presenter To Be Determined (TBD)</p> <p>Peer Group: Pump Storage Presenter To Be Determined (TBD)</p>
4:30 – 5:00 EDT	<p>HP-06: Uses of EUCG Benchmark Data by HPC Members Presenter To Be Determined (TBD)</p> <p>A HPC member company representative will share their organization’s use of the committee’s cost and performance data.</p>
5:00 – 5:15 EDT	<p>HP-07: Day Wrap Up & Identification of Topics for Future Workshops Heather McDowell, HPC Chair and SCL</p> <p>In this time, a review of the day’s presentations will be made and noting any ideas for a future workshop.</p>
6:00 -9:00 EDT	<i>Monday Evening Networking Event</i>

Tuesday, September 23, 2025

Time Blocks	Session Title
8:00 – 9:00 EDT	Breakfast
9:00 – 10:15 EDT	<p>HP-08: Akosombo Control Spillage, Lesson Learned and Foundation Rock Repair, Volta River Authority (VRA) Presenters to Be Determined</p> <p>During the 2023 high rainfall season, remarkably high inflows were experienced in Volta Lake which necessitated a controlled spillage of the Akosombo Reservoir from September to October 2023. In this session VRA staff will describe the efforts to effectively manage the excess water in the reservoir. This action required the use of both spillways, comprising a total of twelve radial gates.</p> <p>Additional details of the complex rock mass structure located at the toe of the energy dissipation bucket of Spillway No. 2 will be shared. Prior to this spill event, the bucket was known to be susceptible to erosion and scour. During this spill operation it experienced severe degradation. This erosion damage posed a significant risk to the structural stability of the spillway foundation from future spill operations. The corrective actions and lessons learned from this event will be described.</p>
10:15 – 11:00 EDT	<p>HP-09: HPC Data Reporting Team Update & Dataset Discussion Micah Koller (BPA) and Rob Mager, HPC Vice Chair & Ontario Power Generation (OPG)</p> <p>The task team will provide an update on their work with a focus on the new Reliability Analysis tools (Availability Factor (AF)& Forced Outage Rate (FOR) in the Shiny App. This discussion includes a review of calculation methodologies for these metrics.</p>
11:00 – 11:30 EDT	Break

11:30 – 1:00 EDT	<p>HP-10: Hydropower Capital Project Prioritization Gordon Ashby, Bonneville Power Administration (BPA), OPG and Pacific Gas and Electric (PG&E) Representatives</p> <p>BPA provides the capital project funding for the Federal Columbia River Power System (FCRPS) which is comprised of thirty-one multi-purpose, hydroelectric facilities in the Pacific Northwest region of the United States. The U.S. Army Corps of Engineers and the U.S. Bureau of Reclamation operate these dams. Mr. Ashby will provide an overview of the project prioritization process for allocation of available funds.</p> <p>OPG is an electrical utility owned by the Ontario provincial government which operates sixty-six hydroelectric generating stations. Presently, OPG is conducting a major capital program to address the aging assets in its hydroelectric fleet. The program’s objectives, scope, and implementation strategies will be provided.</p> <p>PG&E’s hydropower fleet consists of sixty-seven powerhouses located in sixteen river basins that stretch nearly five hundred miles with more than one hundred reservoirs, most of which are in the higher elevation of California's Sierra Nevada Mountain range. To meet the operational requirements, PG&E uses an allocation process to provide funds for the capital Investments of the projects and its representative will describe the methodology and its application.</p>
12:30 – 1:00 EDT	<p>HP-11: Artificial intelligence (AI) Application at SCL: Lessons Learned Presenter To Be Determined</p> <p>SCL has been investigating the use of AI with certain internal data sets and will share lessons learned with its work to date.</p>
1:00 – 2:00 EDT	Lunch
2:00 – 3:00 EDT	<p>HP-12: Engineer and Operations and Maintenance Craft Training Programs at HPC Member Companies Representatives from Two HPC Utility Companies</p> <p>The Department of Energy’s National Renewable Energy Laboratory documented in its report on the United States Hydropower Workforce that one-half of the country’s hydropower workforce is forecasted to retire in the coming decade. Two HPC utility employees will provide their companies’ programs to provide a qualified workforce to meet future needs.</p>
3:00 – 3:30 EDT	Break

3:30 - 4:00 EDT	<p>HP-13: 2024 Data Review Meeting Follow-up Items & Proposed Data Guide Revisions</p> <p>Rob Mager, HPC Vice Chair and OPG</p> <p>The HPC conducted its annual data review utilizing the virtual format in June and July 2025 and the status of the action items will be reviewed. Additionally, committee members will have an opportunity to recommend lessons learned so these can be incorporated into the 2026 data review meeting. Finally, proposed updates to the Data Guide will be reviewed for member approval.</p>
4:00 – 4:15 EDT	<p>HP-14: EUCG Workshop Packages & Working Teams</p> <p>Rob Mager, HPC Vice Chair and OPG</p> <p>Feedback will be solicited from members on the Workshop Package produced from the Spring Workshop. Members will be provided with an update on opportunities to participate in HPC Working Teams. Draft Terms of Reference documents have been developed to serve as a starting point, which will be briefly reviewed. This is a follow-up to the session held at the Spring 2025 Workshop.</p>
4:15 – 4:30 EDT	<p>HP-15: Day Wrap Up & Identification of Topics for Future Workshops</p> <p>Heather McDowell, HPC Chair and SCL</p> <p>In this time, a review of the day’s presentations will be made and noting any ideas for a future workshop.</p>

Wednesday, September 24, 2025

Time Blocks	Session Title
8:00 – 9:00 EDT	<i>Breakfast</i>
9:00 – 10:00 EDT	HP-16: Innovation in Data Management at OPG Tareq Salloum, OPG As a part of normal operations OPG, like other utilities collect, store, and analyze copious quantities of data. In the collection of plant operational and dam safety data, OPG has converted from paper records to digital records. Information will also be given on the “Data Cube Technology” for the management of its data for easy retrieval.
10:00 – 10:30 EDT	HP-17: TBD
10:30 – 11:00 EDT	HP-18: Agenda Planning for the 2026 Spring Workshop & Roundtable Discussion This is an opportunity to suggest topics for the next workshop, solicit participation, and discuss any issue related to the workshop or the committee.
11:00 – 11:30 EDT	<i>Break</i>
11:30 - 12:00 Noon EDT	HP-19: HPC Leadership & Business Meeting Heather McDowell, HPC Chair and SCL HPC leadership utilizes this opportunity to discuss HPC business matters and is open to all committee members.
12:00 Noon EDT	<i>Workshop Adjourns</i>