

**Spring 2024 WORKSHOP**  
**Hydroelectric Productivity Committee**  
**Agenda - Draft**  
**Hilton St. Petersburg Bayfront**  
**St. Petersburg, Florida**  
**April 14-17, 2024**

<b>Session</b>	<b>Topic Title</b>	<b>Short (one sentence) Description</b>
1.	Welcome & Introductions	The Hydroelectric Productivity Committee (HPC) Chair will welcome the participants and provide an opportunity to introduce themselves and their companies.
2.	Valuing Pumped Storage Capacity	As renewable energy resources such as wind and solar become a larger portion of the generating supply, pumped storage plants provide a flexible resource that is among the lowest cost of storage that currently exists. The factors and process of determining the value of this asset will be provided.
3.	EUCG – Hydroelectric Productivity Committee Annual Report Feedback	In this session, the comments received to the draft version of the HPC 2023 Annual Cost & Performance Report will be reviewed and discussed with some items identified for further action.
4.	Utilities Use of HPC Data	Representatives of two HPC member companies will share how their organization utilizes the HPC cost and performance data within their company.
5.	Preventative Maintenance Program Overview	Representatives of the Bureau of Reclamation and Pacific Gas & Electric will share the preventative maintenance programs being utilized in their hydropower fleet of generating units.
6.	Dashboard Reporting Tools	Ontario Power Generation (OPG) will demonstrate its use of Microsoft’s Power BI tool to visualize operational data with advanced data-analysis tools, Artificial Intelligence (AI) capabilities, and a user-friendly report-creation tool.
7.	Innovation ID and Management	OPG will provide insights on its use of this technology within the hydropower fleet.
8.	Pump Storage Plant – Rotor Issues	Several pump storage plants have experienced issues with generator rotors in their pump storage plants. During this session, a description of the issue, the results of the root cause investigation and corrective actions taken will be provided.
9.	Hydropower Staffing Resource Challenges	Utilities are experiencing a number of retirements and a higher number of projected attritions in their hydropower staff. Two HPC members will share their approach to dealing with this issue.

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<b>10.</b>	HPC Staffing Survey	During this session HPC members will discuss the present staffing survey format with the focus of developing a similar form.
<b>11.</b>	HPC Data Reporting Team Update & Dataset Discussion	The task team will provide an update on their work and lead a roundtable discussion of the existing dataset
<b>12.</b>	Agenda Planning for the 2024 Fall Workshop	This is an opportunity to suggest topics for the next workshop and solicit participation.
<b>13.</b>	2024 Data Review Plans	HPC leadership will provide the arrangements for the current year data review meeting which is scheduled for July. This overview will include the supporting material needed for the meeting and coordination.
<b>14.</b>	HPC Business Report	The HPC chair will provide an update on the present status of administrative issues.
<b>15.</b>	Roundtable	This session provides an opportunity for committee members to share additional information or provide feedback on the workshop.
<b>16.</b>	HPC Leadership	All HPC members are invited to participate.