

**Spring 2023 Workshop – 50th Anniversary
Hydroelectric Productivity Committee
The Chase Park Plaza Royal Sonesta
St. Louis, Missouri
April 23 – 26, 2023**

Monday, April 24, 2023

8:00 a.m. – 9:00 a.m. Breakfast

9:00 a.m. – 10:30 a.m. General Session: Executive Welcome & Keynote Speaker

10:30 a.m. – 11:00 a.m. Break

11:00 a.m. – 12:00 Noon

**HP-01: Introductions and Business Updates/Address from Hydro
Productivity Committee (HPC) Chairman**

David Sanna, United States Army Corps of Engineers (USACE), HPC Chair

Introductory session will give all members the opportunity to introduce themselves and their companies.

12:00 Noon – 12:30 p.m.

**HP-02: Review of Comments to the HPC 2022 Annual Cost and Performance
Report**

**Gbadebo Oladosu, PhD and Jim Miller, Oak Ridge National Laboratory
(ORNL)**

In this session, the comments received to the draft version of the HPC 2022 Annual Cost & Performance Report will be reviewed and discussed with some items identified for further action.

12:30 p.m. – 1:00 p.m. HP-03: Exploratory Evaluations for New Hydropower in Ontario

Heather Brown, Ontario Power Generation (OPG)

Exploratory evaluations for new hydropower development are presently underway by OPG and Ms. Brown will provide information on the approach being used in this study and the findings to date.

1:00 p.m. – 2:00 pm. Lunch

2:00 p.m. – 3:00 p.m.

HP-04: Southern California Edison Safety Score Card

Ruben Soto, Southern California Edison (SCE)

Mr. Soto will provide the metrics included by SCE in its safety score card and how these are utilized in the management of its safety program.

3:00 p.m. – 3:30 p.m. Break

3:30 p.m. – 4:00 p.m. HP-05: HPC Data Guide 2023 Revisions and Questions & Answers on Data Issues

Drew Deatherage, Bonneville Power Administration (BPA) and HPC Vice Chair

The revisions made this year to the committee's data collection guide will be highlighted. This session is a great opportunity to ask questions about the data gathering process.

4:00 p.m. – 4:30 p.m. HP-06: 2023 Data Review Plans

Drew Deatherage, BPA and HPC Vice Chair

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 logistics. Time has been allocated for questions about the data review meetings.

4:30 p.m. – 4:45 p.m. HP-07: Day Wrap Up & Identification of Topics for Future Workshops

David Sanna, USACE, and HPC Chair

In this time, a review of the day's presentations will be made and noting any ideas for a future workshop.

End of Day

Tuesday, April 25, 2023

8:00 a.m. – 9:00 a.m. Breakfast

9:00 a.m. – 9:30 a.m. HP-08: New Hydropower Development at Volta River Authority

Dennis Sitsofe Anyomi, Volta River Authority (VRA)

Mr. Anyomi will share VRA's experience in the development of new hydro plants particularly with the Pwulugu Multi-Purpose Dam Project.

9:30 a.m. – 10:00 a.m. HP-09: HPC Members Use of Hydro Cost & Performance Data

Cristóbal González, Pacific Hydro Chile and other HPC members to be determined.

Mr. González and other HPC members will share how their organization utilizes the HPC cost and performance data within their company.

10:00 a.m. – 11:00 a.m. HP-10:

Non-Power Projects & Prioritization of Capital Portfolio at SCE

Charles Lawless, SCE

As an investor-owned utility, SCE has a large portfolio of non-power and power related assets. Mr. Lawless will provide HPC members SCE's capital investment prioritization process for these assets.

11:00 a.m. – 11:30 a.m. Break

11:30 a.m. – 12:00 Noon

HP-11: HPC Data Presentation – Task Team Update

Clark Bishop, Bureau of Reclamation (BoR)

A survey was conducted prior to the Spring 2021 workshop seeking information on how other committee members would like to retrieve data from the HPC database. A status report of the team's activities, recommendations and proposed next steps will be provided.

12:00 Noon – 1:00 p.m.

HP-12: Challenges of Operating Hydropower Plants Deemed Uneconomical

Martin Ostendorf, SCE

SCE has experienced increases in the total cost ownership of plants in its hydropower portfolio. Mr. Ostendorf will provide the operational and business challenges in retaining these uneconomical assets.

1:00 p.m. – 2:00 p.m. Lunch

2:00 p.m. – 2:45 p.m. HP-13: Most Improved Hydropower Plant – Presentation of Initial Analysis

Dr. Gbadebo Oladosu, ORNL

In previous workshops, HPC members have supported the identification of the most improved hydropower plant in each capacity-based peer group and the analytical methodology. Dr. Oladosu will present the initial results of the analysis.

2:45 p.m. – 3:30 p.m. HP-14: Asset Optimization: Extracting Value from Existing Infrastructure/Assets

Anita Shu, SCE

Ms. Shu will provide the methodology utilized by SCE in delivering value from the company's assets.

3:30 p.m. – 4:00 p.m. Break

4:00 p.m. – 4:30 p.m. HP-15: 2023 Safety Survey Results

Jim Miller, ORNL and HPC Contractor

Since 2007, EUCG's Hydroelectric Productivity Committee and the National Hydropower Association Hydraulic Power Committee have been jointly conducting an annual Safety Survey of the hydro industry. The results of the 2023 (2022 data) survey will be provided.

4:30 p.m. – 4:45 p.m. HP-16: Day Wrap Up & Identification of Topics for Future Workshops

David Sanna, USACE, and HPC Chair

In this time, a review of the day's presentations will be made and noting any ideas for a future workshop.

End of Day

Wednesday, April 26, 2023

8:00 a.m. – 9:00 a.m. Breakfast

9:00 a.m. – 9:45 a.m. HP-17: Data Governance

Rob Mager, OPG

As utilities transition into the Industrial Revolution 4.0, a data governance approach is needed from origination, to storage, and the data's disposition. Mr. Mager will provide OPG's implementation of its data governance effort.

9:45 a.m. – 10:15 a.m. Break

10:15 a.m. – 11:00 a.m. HP-18: Attributes of an Effective Safety Program

Utility Safety Professional Panelists

Several safety professionals from HPC member companies will provide their perspectives on effective safety programs.

11:00 a.m. – 11:30 a.m. HP-19: 2023 Fall Workshop Agenda Planning

David Sanna, USACE, HPC Chair

During this session we will develop the initial agenda for the fall 2023 HPC meeting. Please come prepared to suggest topics that you would like discussed or on something to share with the rest of the committee.

11:30 a.m. - 11:45 a.m. HP-20: HPC Roundtable & Action Item Review

David Sanna, USACE, HPC Chair

In this session, HPC members will be afforded the opportunity to share their feedback on the workshop. Also, any action items taken during the workshop will be reviewed with the responsible committee member noted and due dates given.

11:45 a.m. – 12:15 p.m. HP-21: HPC Leadership Meeting

David Sanna, USACE, HPC Chair

The HPC leadership utilizes this opportunity to discuss HPC business matters and is open to all committee members.

Adjournment