

Spring 2018 WORKSHOP – Hydro Productivity Committee

April 23 – 25, 2018

San Antonio, Texas

Monday, April 23, 2018

8:00 a.m. – 9:30 a.m. General Session: Executive Welcome & Keynote Speaker

9:30 a.m. – 10:00 a.m. Break

10:00 a.m. – 11:00 a.m. HP-01: Introductions and Business Updates/Address from HPC Chairman

Chris Utracki, Ontario Power Generation, Hydro Productivity Committee Chair

This session will give new members the opportunity to introduce themselves and their companies, as well as for all members to share any business updates and “headline news” happening at their companies.

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11:00 a.m. – 12:00 p.m. HP-02: View of the Hydropower’s Value

Greg Bosscawen, Pacific Gas & Electric (PG&E); Patrick O’Connor, Oak Ridge National Lab (ORNL)

As the nation’s electric market evolves, it will be vital to know the value of services provided by hydropower facilities. Mr. O’Connor will provide an overview of Oak Ridge National Laboratory’s work in this area and the utility perspective will be shared by Mr. Bosscawen.

12:00 p.m. – 1:00 p.m. Lunch Break

1:00 p.m. – 2:00 p.m. HP-03: Condition Monitoring Survey Results

Gordon Ashby, Bonneville Power Administration (BPA)

In the first quarter of 2018, HPC members were invited to respond to a survey on the implementation condition monitoring within their hydropower fleet. The summary results of the responses will be provided.

2:00 p.m. – 2:45 p.m. HP-04: Data Review Meeting Plans – July 10-12, 2018, Georgia Power Offices, Atlanta, GA

Matt Dau, BPA; Tony Coaxum, Southern Company and John Schuknecht, PG&E

Mr. Dau and Mr. Schuknecht will provide an overview of the processes for the peer review and report on the results of the 2017 review. They will also discuss the preparations that each representative should complete prior to the meeting. Utilities will have an opportunity to provide feedback on the outcomes of 2017 and suggest changes for 2018. The meeting location and logistics will be discussed by Mr. Coaxum.

2:45 p.m. – 3:00 p.m. Break

3:00 p.m. – 4:00 p.m. HP-05: Changes to the NERC GADS Data Reporting Instruction

Steve Wenke, Avista, NERC GADS Working Group Vice-Chair

The North American Electric Reliability Corporation (NERC) maintains the Generating Availability Data System (GADS) for the collection of unit performance data for the nation's electric generating fleet. NERC will issue revisions to the Data Reporting Instructions and Mr. Wenke will provide the impacts of these changes on data reporting for hydropower facilities.

Tuesday, April 24, 2018

8:00 a.m. – 8:45 a.m. HP-06: 2018 Hydro Business Unit Safety Survey

Jim Miller, ORNL

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 2018 (2017 data) survey will be provided.

8:45 a.m. – 9:45 a.m. HP-07: Adjusting for Regional Wage Disparities in the EUCG Hydropower Cost Data

Patrick O'Connor and Gbadebo Oladosu, ORNL

In the past, the HPC has discussed the possible impacts of regional wage variations on the labor cost data collected and analyzed by member companies. Since labor is a substantial expense for the operation and maintenance of a hydropower facility such regional variations need to be understood. Mr. O'Connor and Dr. Oladosu will present a proposed process to collect and analyze the wages paid to the utility work force and to determine its impact in the different areas of the United States.

9:45 a.m. – 10:00 a.m. Break

10:00 a.m. – 11:00 a.m. HP-08: Maintenance Key Performance Indicators (KPIs)

Rob Stone, NB Power

The maintenance of a hydropower facility, water control equipment such as spillway gates and associated dam structure is a prime function of employees and contractors. Evaluating the effectiveness of this program provides feedback and is tracked through Key Performance Indicators (KPI). Mr. Stone will provide examples of these KPIs and their use within NB Power.

11:00 a.m. – 12:00 p.m. HP-09: Hydro Portfolio Strategies

Gordon Ashby, BPA and Greg Bosscawen, PG&E

Hydropower facilities provide a variety of services and are an important part of a utility generating asset portfolio. During this session two utility representatives will provide insight on how their organizations manage their hydropower assets within their generating portfolios.

12:00 p.m. – 1:00 p.m. Lunch

1:00 p.m. – 1:30 p.m. HP-10: 2017 Hydroelectric Productivity Committee Annual Report Feedback

Jim Miller and Patrick O'Connor, ORNL

During this session the draft 2017 HPC Annual Cost and Performance Report which has been prepared by ORNL will be reviewed. HPC members will be afforded an opportunity to provide comments and suggestions for revision.

1:30 p.m. – 2:45 p.m. HP-11: Hydro Asset Management, A review of the status, trends, tools and human factors

Chris Utracki, Ontario Power Generation and Gordon Ashby, BPA

*All utilities employ Asset Management tools to various degrees. Recently there has been a number of initiatives stemming from technology improvements. This session will present examples of changes at two utilities and attempt to collect information about other utilities. **It will be a participatory session. Review questions will be distributed in advance. Attendees will be asked to comment and then make a written submission for inclusion in the status report.***

2:45 p.m. – 3:00 p.m. Break

3:15 p.m. – 4:00 p.m. HP-12: 2018 Fall Workshop Agenda Planning

During this session we will develop the initial agenda for the fall 2018 HPC meeting which will be held in Denver, Colorado September 9 – 12, 2018. Please come prepared to suggest topics that you would like discussed or where you have something to share with the rest of the committee.

Wednesday, April 25, 2018

8:00 a.m. – 9:00 a.m. HP-13: HPC Business Report

Chris Utracki, Ontario Power Generation, HPC Chairman

During this session we will discuss Committee's business matters.

9:00 a.m. – 9:45 a.m. HP-14: HPC Roundtable & Action Item Review

Chris Utracki, Ontario Power Generation, HPC Chairman; Committee

During this time in the agenda, HPC members will be afforded the opportunity 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.

9:45 a.m. – 10:15 a.m. Break / Check-out

10:15 a.m. – 11:00 a.m. HP-15: HPC Leadership Meeting

Chris Utracki, Ontario Power Generation, HPC Chairman; Committee

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

11:00 a.m. - 12:30 p.m. HP-16: HPC Working Lunch

Chris Utracki, Ontario Power Generation, HPC Chairman; Committee

This session will a time when all HPC members can discuss HPC matters in an open forum.