NHA Hydraulic Power Committee Fall Retreat & NWHA Technical Conference

October 2-4, 2018, Walla Walla, WA
The Marcus Whitman Hotel
6 W. Rose Street
Walla Walla, Washington 99362

Agenda

Tuesday, October 2

7:30 AM  Tour Registration Opens
Location – The Marcus Whitman Hotel – North Entrance

7:45 AM  Load Buses for Tour
Location – The Marcus Whitman Hotel – Outside the North Entrance

8:00 AM – 5:00 PM  Tour of Ice Harbor Lock and Dam & Pacific Northwest National Lab
*If you are a US citizen, you must register for the tour and submit the proper paperwork by September 14th. Note, the Army Corps of Engineers requires that all US citizens show their driver’s license at tour entry. If you are NOT a US citizen, you must register for the tour by August 17th in order to allow time for the proper paperwork to process.

6:00 PM – 7:00 PM  Welcome Reception – Cash Bar
Location – The Marcus Whitman Hotel – Renaissance Room

Wednesday, October 3
Location – The Marcus Whitman Hotel – Explorer Ballroom

7:30 AM – 11:45 AM  Registration Open – Foyer, outside the Explorer Ballroom
*Complimentary breakfast is provided by the Marcus Whitman Hotel to all hotel guests starting at 6:30 AM in the Vineyard Lounge.

8:30 AM – 8:45 AM  Welcome & Introductions
HPC Chair Richard Mickwee and NWHA Technical Committee Chair Peter Martins
8:45 AM – 9:45 AM  **Power System’s Future Market with Renewable Integration**  
Dr. Abhishek Somani, Senior Research Economist, Pacific Northwest National Laboratory

**PG&E Perspective**  
Eric Van Deuren, Director-Safety, Quality & Standards, Pacific Gas & Electric

9:45 AM – 10:15 AM  **Morning Break**

10:15 AM – 10:45 AM  **Hydropower Research Institute**  
Kirk Hudson, Managing Director of Generation and Transmission, Chelan County Public Utility District

10:45 AM – 11:15 AM  **Department of Energy – Hydro Research & Development Update**  
Marisol Bonnet, Project Manager, U.S. Department of Energy’s Wind and Water Power Technologies Office

11:15 AM – 12:15 AM  **Hydro Hot Topics – Operations & Maintenance**  
- Ice Harbor Turbines  
  Jason M Foust, Hydraulic Engineer, Voith Hydro  
- Open Forum  
  - Frequency Control  
  - Start/Stops  
  - Vibration Issues

Facilitator, Jeremy Clotfelter, Director, Hydro Operations, NorthWestern Energy

12:15 PM – 1:15 PM  **Networking Lunch**

1:15 PM – 2:30 PM  **Growing and Recruiting Talent**  
- **Hiring for Hydro**  
  Brenna Vaughn, Hydropower Foundation, Managing Director

- **Developing Plant O&M Staff**  
  Barbara Hins-Turner, Centralia College – Pacific Northwest Center of Excellence for Clean Energy

- **Training the New Work Force**  
  Jason Selwitz, Walla Walla Community College

- **Think Tank**  
  Lisa Martindale, Hydro Manager, Alabama Power

2:30 PM – 3:00 PM  **“Inside the Generator”**  
Howard Moudy, National Electric Coil

3:00 PM – 3:30 PM  **Afternoon Break**
3:30 PM – 5:00 PM  Dam Safety
- Update from D2SI and FERC Response to Industry Questions
  Doug Johnson, P.E., Regional Engineer, Federal Energy Regulatory Commission – Portland, OR Office
  Thomas Fitzgerald, Schnabel Engineering, Facilitator

- Owner Dam Safety Program Audit – Lessons Learned
  Dave Mishalani, Grant County PUD
  Ed Perez, HDR, Facilitator

- Are Changes Warranted to the Part 12 Process? Open Discussion
  Thomas Fitzgerald, Schnabel Engineering, Facilitator

5:00 PM – 5:15 PM  Day 1 Wrap-Up

5:45 PM  Buses Depart Hotel for Off-Site Event and Dinner from Hotel

6:00 PM – 9:00 PM  Off-Site Event and Dinner
  Cavu Cellars, 175 East Aeronca Avenue, Walla Walla, WA 99362

Thursday, October 4
Location – The Marcus Whitman Hotel – Explorer Ballroom

7:30 AM – 11:45 AM  Registration Open – Foyer, outside the Explorer Ballroom
*Complimentary breakfast is provided by the Marcus Whitman Hotel to all hotel guests starting at 6:30 AM in the Vineyard Lounge.

8:30 AM – 9:00 AM  Keynote Speaker
  Representative Cathy McMorris Rodgers (R-WA)

  NHA Policy Update
  Jeff Leahey, Deputy Executive Director, National Hydropower Association

9:00 AM – 9:30 AM  O&M Interest Survey Results
  Jeremy Clotfelter, Director, Hydro Operations, NorthWestern Energy

9:30 AM – 10:00 AM  OpEx Update with Highlight on Safety Events
  Jim Miller, Consultant, Signal Hydropower Consultants, LLC

10:00 AM – 10:15 AM  Morning Break

10:15 AM – 10:45 AM  The New Tariffs - Present Challenges with Manufacturing
  Lou Bartolini, Vice President, Steel Fab

10:45 AM – 11:15 AM  Voith’s Perspective on the New Tariffs
  Steven Potter, Western Regional Manager, HyService, Voith Hydro

11:15 AM – 11:45 AM  Open Forum on Topics from the Audience

11:45 AM – Noon  Day 2 Wrap-Up and Adjournment
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