

2013 NORTHWEST HYDRO OPERATORS FORUM

Hosted by Puget Sound Energy
East Building Auditorium
355 110th Avenue NE
Bellevue, WA 98004

TUESDAY, MAY 7, 2013

7:00 – 8:00

Breakfast
Sponsored by Tetra Tech Inc.

8:00 – 8:30

Opening Remarks, Introductions and PSE Video
Dave Magnuson, Puget Sound Energy

Session 1

8:30 – 10:00

Natural Hazards: Events and Responses

Moderator: Bill Christman, Chelan County PUD

Plan and Prepare, Critical Infrastructure
Matt Cutts, U.S. Army Corps of Engineers

Prepare and Response, Transmission System Reliability
Steve Goins, Bonneville Power Administration

FERC Expectations for Emergency Action Planning
David Lord, Federal Energy Regulatory Commission

10:00 – 10:30

Break

Session 2

10:30 – 12:00

Natural Hazards: Seismicity Events

Moderator: Kevin Marshall, Grant County PUD

Cascadia: Earthquakes, Dams and Resilience
Yumei Wang, Oregon Department of Geology and Mineral Industries

PacifiCorp Seismicity Experiences
Roger Raeburn, PacifiCorp

Risk Informed Decision Making – FERC Perspective
David Lord, Federal Energy Regulatory Commission

12:00 – 1:30

Lunch
Sponsored by CEATI International Inc.

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Session 3

1:30 – 3:00

NERC Generating Availability Data System Compliance and Reporting

Moderator: Steve Wenke, Avista

Background of NERC/GADS and Reporting Requirements

John Yale, Chelan County PUD

How WECC Uses GADS Data

Matthew Elkins, Western Electricity Coordinating Council

Discussion of GADS Reporting Unique to Hydropower

Steve Wenke, Avista

3:00 – 3:30

Break

Session 4

3:30 – 5:00

Aquatic Nuisance Species

Moderator: Mark Jones, Bonneville Power Administration

ANS Threat to the West: Zebra/Quagga Mussels

Stephen Phillips, Pacific States Marine Fisheries Commission

Growth Rate of Zebra/Quagga Mussels in Northwest Waters

Mark Sytsma, Portland State University

Enhanced Monitoring and Investigation of the Spread and Potential Impact of Invasive Mussels

Stephen Bollens, Washington State University

Panel Q&A

5:00

Adjourn

5:30 – 8:00

Reception

Sponsored by Golder Associates, HDR Inc., Mead & Hunt Inc., and URS Corporation

*Rock Bottom Restaurant and Brewery
550 106th Avenue Northeast #103
Bellevue, WA 98004*

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WEDNESDAY, MAY 8, 2013

7:00 – 8:00

Breakfast

Sponsored by MWH Global Inc.

Session 5

8:00 – 9:30

Lessons Learned: Automation

Moderator: Jim Clune, Bonneville Power Administration

Remote Operations at Hungry Horse Dam

Steve Jarsky, Bureau of Reclamation

North Fork Powerhouse Project at Cushman No. 2

Ozan Ferrin, Tacoma Power

Extending the Operating Range of Brownlee Unit No. 5

John Heiselmann, Idaho Power

9:30 – 10:00

Break

Session 6

10:00 – 11:15

Lessons Learned: Civil Works

Moderator: Sid Hillier, Portland General Electric

Faraday Dam Penstock Rehabilitation

David Hendrix, Portland General Electric

Remediation of Ashton Dam

Roger Raeburn, PacifiCorp

Open Forum

11:15 – 12:00

Issues of Common Interest

Moderator: Roger Kline, Eugene Water and Electric Board

12:00 – 1:30

Lunch

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WEDNESDAY, MAY 8, 2013

Session 7

1:30 – 3:00

Lessons Learned: Operations

Moderator: Mike Haynes, Seattle City Light

Remote Monitoring and Reporting for Dams

Kim Pate, Seattle City Light

A Near-Miss Incident

Bruce Meaker, Snohomish PUD

Cushman North Fork Powerhouse and Fish Passage Construction

Steve Fischer, Tacoma Power

National Hydropower Association's OpEx Program

David Zayas, National Hydropower Association

3:00 – 3:15

Forum Feedback and Closing Remarks

Dave Magnuson, Puget Sound Energy

3:15

Adjourn