

# 2014 NORTHWEST HYDRO OPERATORS FORUM

Hosted by Avista  
Riverfront Ballroom C  
Red Lion Hotel at the Park  
Spokane, WA

TUESDAY, MAY 20, 2014

7:00 – 8:00

*Breakfast*

8:00 – 8:30

Opening Remarks and Introductions

Steve Wenke, Avista

## **Session 1**

8:30 – 10:00

### **Owners Dam Safety Programs**

Moderator: Roger Raeburn, PacifiCorp Energy

FERC Perspective

Doug Johnson, Federal Energy Regulatory Commission

PG&E Perspective

David Ritzman, Pacific Gas and Electric Company

EWEB Perspective

Mark Zinniker, Eugene Water and Electric Board

10:00 – 10:30

*Break*

## **Session 2**

10:30 – 12:00

### **Risk Informed Decision Making**

Moderator: Bill Christman, Chelan County PUD

FERC Regulatory Expectations

Doug Johnson, Federal Energy Regulatory Commission

Combining Seismic and Flood Loading into Risk Assessment

Guy Lund, URS

Hydrology

Ed Tomlinson, All Wet Consulting, Inc

12:00 – 1:30

*Lunch*

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## **Session 3**

1:30 – 3:00

### **WECC / NERC Testing and Compliance**

Moderator: Steve Wenke, Avista

#### Generator Testing at Idaho Power

Guy Colpron, Idaho Power

#### In-House Testing of Generators to Meet WECC/NERC Requirements

Rod Gunther, PacifiCorp Energy

#### Reclamation's WECC Generator Testing Program

Terry Kent, U.S. Bureau of Reclamation

#### System Planning: Using Submitted Model Data

Tanner Brier, Bonneville Power Administration

3:00 – 3:30

*Break*

## **Session 4**

3:30 – 5:30

### **Operations and Maintenance Lessons Learned**

Moderator: Terry Ryan, Tacoma Power

#### Wanapum Dam Spillway Fracture

Mark Beattie, Grant County PUD

#### Servo Motor Shaft Failures

Dan Garrison, Chelan County PUD

#### Critical Operations Power Systems Failures and Preventative Measures

David Wagner, Tacoma Power

#### NHA OpEx Initiative Update

Jim Miller, Signal Hydropower Consultants

5:30

*Adjourn*

5:30 – 8:00

*Reception*

*Red Lion Hotel at the Park, Skyline 1*

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7:00 – 8:00 *Breakfast*

**Session 5** **Overhauls and Capital Projects: Automation**

8:00 – 9:30 Moderator: Paul Wetherbee, Puget Sound Energy

New Baker River Unit 4 and Facility Controller  
Paul Jusak, Puget Sound Energy

Snoqualmie Refurbishments and Automation  
David Bruce, Puget Sound Energy

North Fork Powerhouse – Lessons Learned  
Ozan Ferrin, Tacoma Power

Wanapum Unit Controls Upgrades: Governors, Exciters and Auxiliaries  
Ian Jones, Grant County PUD

9:30 – 10:00 *Break*

**Session 6** **Capital Improvements Lessons Learned**

10:00 – 11:30 Moderator: Kevin Marshall, Grant County PUD

Tainter Gates  
Gene Yow, Chelan County PUD

Challenging Capital Improvement Projects: From Cradle to Grave  
Mike Haynes, Seattle City Light

New Powerhouse Construction in the 2010s – Lessons Learned from an Owner's View  
Shane Richards, Puget Sound Energy

**Session 7** **Issues of Common Interest**

11:30 – 12:00 Moderator: Roger Kline, Eugene Water and Electric Board

Wanapum Dam Spillway Monolith 4  
Kevin Marshall, Grant County PUD

Update on NERC/GADS  
Steve Wenke, Avista

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12:00 – 12:15      Closing Remarks  
Jim Clune, Bonneville Power Administration

2015 Northwest Hydro Operators Forum  
May 19 – 20, 2015  
Boise, Idaho  
Hosted by Idaho Power

12:15              *Adjourn*

12:15 – 1:30      *Lunch*

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