

NWHA PANELS AT A GLANCE

Tuesday, February 21	8:30 a.m.–10:00 a.m.	<i>Licensing & Compliance 201</i> Part 1: Introduction – Getting Started and Part 2: Mandatory Conditions and Approvals
	10:00 a.m.–10:30 a.m.	Break
	10:30 a.m.–11:15 a.m.	<i>Licensing & Compliance 201</i> Part 3: Compliance
	11:15 a.m.–Noon	<i>Licensing & Compliance 201</i> Part 4: Amendments
	Noon–1:30 p.m.	Lunch on own
	1:30 p.m.–3:15 p.m.	<i>Licensing & Compliance 201</i> Part 5: Panel Discussion - Innovative Solutions to Success
	3:15 p.m.–3:45 p.m.	Break
	3:45 p.m.–5:00 p.m.	<i>Licensing & Compliance 201</i> Workshop Q & A
Wednesday, February 22	5:00 p.m.–6:30 p.m.	Social/Exhibits
	7:30 a.m.	Registration/Continental Breakfast (Exhibit Area)
	7:30 a.m.–9:00 a.m.	Annual Membership Meeting
	9:15 a.m.–9:30 a.m.	Welcome: NWHA President Patti Kroen, Kroen Consulting
	9:30 a.m.–10:00 a.m.	Keynote: Angus Duncan, Bonneville Environmental Foundation
	10:00 a.m.–10:30 a.m.	Break (Exhibit Area)
	10:30 a.m.–Noon	<i>It's Not Easy Being Green</i>
	Noon–1:30 p.m.	Lunch—NWHA Awards Program and Networking
	1:30 p.m.–3:00 p.m.	<i>Growing Hydro Capacity</i>
	3:00 p.m.–3:30 p.m.	Break
Thursday, February 23	3:30 p.m.–5:00 p.m.	<i>Water Quality: Successful Implementation Strategies</i>
	5:00 p.m.–5:30 p.m.	Board of Directors Meeting
	5:30 p.m.–7:00 p.m.	Social/Exhibits
	7:30 a.m.	Registration/Continental Breakfast (Exhibit Area)
	8:15 a.m.	Welcome
	8:20 a.m.–8:45 a.m.	Keynote: Jon Wellinghoff, Federal Energy Regulatory Commission
	8:45 a.m.–10:15 a.m.	<i>Is This Project for the Birds?</i>
10:15 a.m.–10:40 a.m.	Break	
10:40 a.m.–12:10 p.m.	<i>Hydro Relicensing Class of '93</i>	
12:10 p.m.	Adjourn	



NORTHWEST
HYDROELECTRIC
ASSOCIATION

2012 ANNUAL CONFERENCE

Hydropower: Clean, Green, Reliable

FEBRUARY 21–23, 2012

Portland Marriott Downtown Waterfront
Portland, Oregon

New development. Green projects. TREC and REC. Water quality. These are just a few of the issues that are of particular concern to those involved with hydropower in the Northwest.

The NWHA Annual Conference is a unique opportunity to join the area's leading hydro professionals as they discuss the issues they know best. A broad range of water resource stakeholders and area regulatory officials come together to explore regional issues and examine the approaches being used to successfully address them.



We hope you'll join us!

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8:30 a.m.–5:00 p.m.

Licensing & Compliance “201”

In 2011, NWA presented a half-day workshop on Licensing and Compliance (Licensing “101”). The overwhelmingly positive responses from that workshop prompted us to expand to a full day for 2012 (Licensing “201”) and include additional topics such as amendments and case histories discussing innovative problem-solving.

8:30 a.m.–10:00 a.m.

Part 1: Introduction – Getting Started

Overview of how projects are regulated includes information on new project licensing, preliminary permits, streamlining for low impact projects and the relicensing processes. Attendees will receive handouts providing reference and website links.

Presenter:

Patti Kroen, Kroen Consulting

Part 2: Mandatory Conditions and Approvals

Overview of the role other federal agencies and laws have in FERC processes, such as the National Environmental Policy Act, Endangered Species Act, Clean Water Act, and National Historic Preservation Act.

Presenters:

Matt Love, Van Ness Feldman, Seattle

Chuck Sensiba, Van Ness Feldman, Washington, D.C.

10:00 a.m.–10:30 a.m.

Break

10:30 a.m.–11:15 a.m.

Part 3: Compliance

Successfully licensing a dam is a monumental achievement, but the celebration can be short-lived as you look ahead. Panelists will include information on what to expect during the days, weeks, months and years after you receive your FERC license. What are your immediate options? How do you prepare for new long-term needs such as dedicated staffing, compliance tracking, FERC filings and new license conditions?

Presenter:

Michele Drake, Avista Corporation

Panelists:

Michelle Smith, Chelan Public Utility District

Jon Jourdonnais, PPL Montana

Michael McCann, Eugene Water & Electric Board

11:15 a.m.–Noon

Part 4: Amendments

Amendments are a fact of life in the career of a FERC license. Not to be feared and loathed, they can be of great benefit! This panel will include an examination of the amendment process, schedule, timing considerations and perspectives from licensing professionals with experience amending their FERC license.

Presenter:

Suzanne Adkins, Eugene Water and Electric Board

Panelists:

Jennifer Richcreek, Kodiak Electric Association – *Terror Lake Project*

Jay Maher, Kleinschmidt Associates – *Northwest Consultant's*

Perspective

Noon–1:30 p.m.

Lunch on own

1:30 p.m.–3:15 p.m.

Part 5: Panel Discussion - Innovative Solutions to Success

Innovative and creative problem solving in a “rigid” regulatory world: we all feel constrained by the many requirements of the Federal Power Act and other regulatory structures. This panel explores innovative approaches to overcoming challenges and achieving licensees’ goals. When creative interpretation of regulations, collaboration and financing mechanisms are all on the table, (almost) anything is possible.

Moderator:

Finlay Anderson, Long View Associates, Inc.

Panelists:

Barbara Greene, Seattle City Light

Keith Binkley, Snohomish Public Utility District

Gary Lytle, Deschutes Valley Water District

Dan Ross, Energy Northwest

3:15 p.m.–3:45 p.m.

Break

3:45 p.m.–5:00 p.m.

Workshop Q & A

Presenters and panelists from the workshop will be available to answer questions and respond to comments during this interactive session.

5:00 p.m.–6:30 p.m.

Social (*Exhibit Area*)

Take advantage of this opportunity to unwind and connect with old friends and new while sampling some of the area’s finest microbrews.

WEDNESDAY, FEBRUARY 22

7:30 a.m.

Registration/Continental Breakfast (*Exhibit Area*)

7:30 a.m.–9:00 a.m.

Annual Membership Meeting

All members and attendees interested in potential membership are invited.

9:15 a.m.–9:30 a.m.

WELCOME:

NWHA President Patti Kroen, Kroen Consulting

9:30 a.m.–10:00 a.m.

KEYNOTE:

**Angus Duncan, Executive Director,
Bonneville Environmental Foundation**

10:00 a.m.–10:30 a.m.

Break (*Exhibit Area*)

10:30 a.m.–Noon

It's Not Easy Being Green

Green hydro projects attract incentives such as Renewable Energy Credits (RECs) and Tradable Energy Credits (TREC)s in the marketplace. Panelists will provide their experiences in the brokering of these credits, the influence of the Renewable Portfolio Standards (RPS) and other strategies. An update on the national hydropower assessment conducted for the U.S. Energy Department and its implementation in the Northwest relative to green projects will be presented.

Moderator:

Steve Johnson, Central Oregon Irrigation District

Panelists:

Brennan Smith, Oak Ridge Laboratory – *National Hydropower Assessment*

Ben Rees, Evolution Markets – *RECs, TREC)s, RPS*

John Lowe, Renewable Energy Coalition – *Developers' Use of Incentives*

John Seebach, Hydropower Reform Initiative/Low Impact Hydropower Institute Board – *Green Project Certification*

Noon–1:30 p.m.

Lunch—NWHA Awards Program and Networking

1:30 p.m.–3:00 p.m.

Growing Hydro Capacity

Developing new hydro – whether through new construction or upgrades and rehabilitation of existing projects – is more than finding the ideal location and ordering turbines. Panelists present the interests, challenges, and successes of those on the forefront of adding renewable Megawatts into the system. How do regulatory requirements, political/environmental negotiations, feasibility analyses, design considerations, and construction challenges determine the growth of hydro capacity?

Moderator:

Scott Lawrence, Portland General Electric

Panelists:

Norm Bishop, Knight Piésold & Co.

Clay Coplin, Cordova Electric Cooperative, Inc.

Barbara Stanley, US Forest Service

Steve Fisher, Tacoma Power

3:00 p.m.–3:30 p.m.

Break

3:30 p.m.–5:00 p.m.

Water Quality: Successful Implementation Strategies

Dam operators face the challenge of mitigating or managing a variety of water quality parameters in licensing and operating their hydroelectric facilities. This panel focuses on four different solutions to four varying challenges. From total dissolved gas (TDG) to water temperature, from turbidity management to dissolved oxygen (DO), these four dam operators are successfully addressing a range of water quality issues with creative engineering and operations.

Moderator:

John Esler, Portland General Electric

Panelists:

Lori Campbell, Portland General Electric – *Deschutes River Project (OR)*

Carolyn Fitzgerald, US Army Corps of Engineers – *Chief Joseph Dam (WA)*

Jon Jourdonnais, PPL Montana – *Madison River Projects (MT)*

Erik Steimle, Riverbank Power – *Dorena Dam (OR)*

5:00 p.m.–5:30 p.m.

Board of Directors Meeting

5:30 p.m.–7:00 p.m.

Social (*Exhibit Area*)

Chat with colleagues about the day's activities and treat yourself to some specialty foods of the Northwest.

A Special Thank You!

Northwest Hydroelectric Association (NWHA) would like to recognize the following sponsor companies.

We thank you for your support!

Note: Additional sponsorships will be included in the on-site program and conference signage if received by January 10, 2012.

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MANUFACTURING INC.**

THURSDAY, FEBRUARY 23

7:30 a.m.

Registration/Continental Breakfast (Exhibit Area)

8:15 a.m.

Welcome

8:20 a.m.–8:45 a.m.

KEYNOTE:

Jon Wellinghoff, Chair, Federal Energy Regulatory Commission

8:45 a.m.–10:15 a.m.

Is This Project for the Birds?

Many bird species are safeguarded by federal laws and increasingly more operating requirements are devoted to enhancing avian populations and their habitats by minimizing the effects of project operations. These avian protection measures must be balanced with other resource issues such as limiting the predation of ESA listed fish species by the very birds that are being protected. This expert panel will explore the role dam operators are being asked to play, the conflicts between multi-species management and competing goals, and strategies for engaging the agencies when faced with increasingly complex avian issues.

Moderator:

Chris Karchesky, Normandeau Associates, Inc.

Panelists:

Michael Green, US Fish and Wildlife Service

Behr Turner, Grant County Public Utility District

Mel Walters, Puget Sound Energy

Natalie Turley, Idaho Power

10:15 a.m.–10:40 a.m.

Break

10:40 a.m.–12:10 p.m.

Hydro Relicensing Class of '93

Join us for a licensing class reunion. Find out what happened and learn from our experiences. How did other facility owners, engineers and regulators solve difficult license implementation problems? What technical solutions were devised? How are these challenges similar to your projects or facilities?

Moderator:

Catrin Van Donkelaar, McMillen-LLC

Panelists:

Tim Swant, Avista Corporation – Clark Fork River:

Adaptive management, working with stakeholder groups over time

Lewis Wardle, Idaho Power – Mid-Snake River Projects:

Jeopardy and multi-year Investigation of snail survival under different operating conditions

Bill Christman, Chelan PUD – Lake Chelan & Rocky Reach:

Creative solutions for water temperature & habitat improvements

Lisa McLaughlin, Eugene Water & Electric Board – Watterville:

Tailrace barrier fish return channel/meeting regulatory design criteria in dynamic river system

12:10 p.m.

Adjourn

Exhibit

Attendance at the NWA Annual Conference includes a range of hydro professionals, particularly those involved in regulatory and compliance issues.

A limited number of companies can showcase product or service offerings to conference attendees through the Exhibit, which is located in the conference registration/break area. Cost is \$300 and includes an 8'x10' table display space located in the break and

lunch areas. This provides the opportunity to interact with delegates interested in the featured capabilities. Available only to conference registrants.

To reserve your space, please complete the enclosed registration form or contact Jan Lee:

Phone: (1) 503 545-9420 • E-mail: jan@nwhydro.org





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Portland Marriott Downtown Waterfront
Portland, Oregon
www.nwhydro.org

Make Your Room Reservations Directly!

The Portland Marriott Downtown Waterfront is offering special NWA room rates of \$149 as well as a limited number of rooms at the government per-diem of \$120. The Portland Marriott Downtown Waterfront is also easily accessible from the airport via the MAX (Metropolitan Area Express) Light Rail.

Call (1) 800 228-9290 to make your room reservations directly or go to https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventID=3420923

Portland Marriott Downtown Waterfront
1401 SW Naito Parkway, Portland, Oregon 97201 USA
Phone: (1) 800 228-9290 Fax: (1) 503 221-1789

PROGRAM REGISTRATION

Please complete this registration form and send with payment to:
NWHA, P.O. Box 2517, Clackamas, Oregon 97015
Orders by credit card may be submitted by fax at (1) 503 631-7299.
Further inquiries concerning registration should be directed to jan@nwhydro.org or (1) 503 545-9420.

Conference Registrant Information:

Name _____
 Nickname (for badge) _____
 Title _____
 Company Name _____
 Address _____
 City _____
 State/Province _____ Zip/Postal Code _____
 Telephone _____
 E-mail Address _____

Registration Fees: *Please check one.*

Registration Category	NWHA Member*	Non-Member
Advance Registration (prior to 1/9/12)	<input type="checkbox"/> \$485	<input type="checkbox"/> \$585
Full Registration (1/10/12 – 2/15/12)	<input type="checkbox"/> \$545	<input type="checkbox"/> \$645
On-Site Registration (after 2/15/12)	<input type="checkbox"/> \$595	<input type="checkbox"/> \$695
Full-Time Student Registration		<input type="checkbox"/> \$130

Additional Options:
 Conference Sponsor \$500
 Exhibitor (conference registration required) \$300

Conference Sponsors will receive logo recognition on the NWHA website, in conference signage, and in the on-site conference agenda if purchased before 1/10/12.

**State agencies, federal agencies, BPA and NWPC may register at member price.*

A **\$200 credit** will be given if you join the NWHA prior to the close of the conference.

SPECIAL OFFER

Method of Payment: *Please check one.*

Check Payable to NWHA TOTAL AMOUNT \$ _____
 VISA MasterCard American Express
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Please note: we do not recommend sending credit card information by e-mail.

Registration must be accompanied by payment. Payments accepted by check, money order or credit card. Registrations can be transferred at any time at no cost. A \$100 administrative fee will be charged for all cancellations. No refunds will be made unless cancellation is received in writing by February 1, 2012.