

2011-2012 National Hydropower Association Leadership

Executive Committee

President	David Moller, Pacific Gas & Electric Company
Vice President	John Ragonese, TransCanada
Treasurer	Jim Crew, Alabama Power
Secretary	Tim Oakes, Kleinschmidt Associates
Executive Director	Linda Church Ciocci

Board of Directors and Their Terms

William Bunker	Alcoa	TE: 2014
Jane Cirrincione	Northern California Power Agency	Advisory
John Claybrook	Alstom	TE: 2012
James Crew	Alabama Power Company	TE: 2012
Mark Garner	Enduring Energy LLC	Advisory
Marc Gerken	AMP	TE: 2014
Kirby Gilbert	MWH	Advisory
Carol Goolsby	Duke Energy	TE: 2014
Suzanne Grassell	Chelan County PUD	TE: 2014
James Hancock	Balch & Bingham LLP	General Counsel
Rick Miller	HDR, Inc.	Past President
David Moller	Pacific Gas & Electric Company	TE: 2013
Andrew Munro	Grant County Public Utility District	Past President
Debbie Mursch	Alstom	Advisory
Tim Oakes	Kleinschmidt Associates	TE: 2012
Cherise Oram	Stoel Rives LLP	TE: 2013
John Ragonese	TransCanada	TE: 2012
Ed Schild	Puget Sound Energy	TE: 2012
Gia Schneider	Natel	Advisory
R.M. Singletary	Santee Cooper	TE: 2013
Mark Stover	Hydro Green Energy, LLC	TE: 2013
Eric Van Deuren	Mead & Hunt, Inc.	TE: 2014

NHA Staff

Linda Church Ciocci	Executive Director	ext. 22, linda@hydro.org
Jeffrey A. Leahey, Esq.	Senior Manager of Government and Legal Affairs	ext. 15, jeff@hydro.org
Diane C. Lear	Membership and Marketing	ext. 16, diane@hydro.org
Kimberly Costner	Executive Assistant	ext. 14, kimberly@hydro.org
Matt Nocella	Asst. Manager of Strategic Communications	ext. 21, matt@hydro.org

Committee Leadership

Legislative Affairs	Suzanne Grassell, Chelan County PUD, Chair
Regulatory Affairs	Cherise Oram, Stoel Rives, Chair / Charles Sensiba, Van Ness Feldman, Vice Chair
Public Affairs	Jeanne Hilsinger, MAVEL, Chair / Mark Garner, Enduring Energy LCC, Vice Chair
Ocean Tidal New Tech	Jessica Matlock, Snohomish County PUD, Chair / Julia Wood, Van Ness Feldman, Vice Chair
Small Hydro Council	Gia Schneider, Natel, Chair / Co-Vice Chairs: David Sinclair, Advanced Hydro Solutions, Maureen Winters, Free Flow Power
Research & Development	Ken Kemp, Micro Renewable Solutions, Chair
Regional Meetings	George Waldow, HDR Inc., Chair / Co-Vice Chairs: Kirby Gilbert, MWH / R.M. Singletary, Santee Cooper
Pumped Storage Development	Michael Manwaring, HDR, Inc., Chair / Co-Vice Chairs: Debbie Mursch, Alstom / Doug Divine, Eagle Crest
CEO Council	Marc Gerken, AMP, Kevin Frank, Voith Hydro, Co-Chairs
Hydraulic Power Committee	Jim Thrasher, American Electric Power, Chair / Chris Porse, PPL Holtwood, Vice-Chair
<i>Dam Safety Sub-Committee</i>	Jeff Bernard, Brookfield Renewable Power, Chair
<i>O&M Sub-Committee</i>	Lou Bartolini, Steel-Fab, Chair
<i>Worker Safety Sub-Committee</i>	Scott Klabunde, North American Hydro, Chair

Affiliated Organization

Hydro Research Foundation Chair: Randy Stearnes, Tacoma Power

rstearne@cityoftacoma.org

The **National Hydropower Association** works to secure the energy, environmental, and economic benefits of hydropower resources for all Americans.

NHA advocates for policies that support the growth of the U.S. hydropower industry and the development of new hydro technologies to serve our national priorities. NHA is committed to ensuring that hydropower, America's largest renewable-energy resource, will continue to serve our country through the 21st century and beyond.

NHA is the single voice of the diverse hydropower community, representing the industry before Congress, the White House, federal agencies, regulators, the courts, and the media.

NHA represents more than 180 companies in the North American hydropower industry, from Fortune 500 corporations to family-owned small businesses. Our members include both public and investor-owned utilities, independent power producers, developers, manufacturers, environmental and engineering consultants, and attorneys.

NHA members are involved in projects throughout the U.S. hydropower industry, including both federal and non-federal hydroelectric facilities. NHA members own and operate the majority of the non-federal water-power generating facilities in the United States

For more information – If you would like more information, or are interested in becoming more involved with NHA, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org
Diane Lear, *Membership Services* – diane@hydro.org

The National Hydropower Association's Regulatory Affairs Committee monitors, tracks and notifies Membership of critical issues that could impact the hydropower industry including, licensing and compliance regulations. The Regulatory Affairs Committee membership, with the support of NHA staff, affects the resolution of regulatory issues to the balanced positive benefit of the hydropower industry.

Member Benefits

- **Hydropower Hot Topics Working Committee** - Regulatory Affairs tackles the tough regulatory issues by meeting in association with the NHA Annual Conference, Waterpower and HydroVision conferences, and NHA Board of Directors' meetings; as well as by conference calls and electronic media throughout the year. Any NHA member can join the Committee and help influence the regulation of hydropower throughout United States.
- **Critical Documents and Resources** – Existing and emerging regulatory policy issue information is continually provided through the Committee and is available on the NHA Web site.
- **Regulatory Alerts** – Committee regulatory alerts and breaking news are also quickly provided via NHA Membership ListSrvs.
- **Court Case Alerts and Issue Management** – Membership can be influenced to mobilize in response to potentially precedent-setting court case monitoring. A continuously updated Regulator Affairs Issue Matrix plays an important role in keeping Membership and industry informed on ongoing and upcoming rulemakings and other regulatory initiatives.
- **Agency Directory** – A directory of FERC and resource agencies located on the NHA website, www.hydro.org.
- **Networks and Contacts** – Regulatory Affairs provides an opportunity to network and brainstorm with energy industry leaders, to consider, influence and resolve the regulatory challenges facing any aspect of hydropower production. State-of-the-art regulatory approaches to regulation implementation and compliance have often resulted from shared experiences and insights around the Regulatory Affairs table.

Hot Topics

Regulatory Affairs initiatives currently include:

- An Administrative Appeals Process for Section 4(e) and Section 18 Conditions of the Federal Power Act
- Implementation of the NEW Integrated Licensing Process
- Settlement Negotiation, License Implementation and Environmental Compliance
- Water Quality
- Cultural Resources and the NEW Integrated Licensing Process Tribal Policy Statement
- Emerging and Continuing Issues (Fishways, Endangered Species Act, Development of New Hydro Generation, Adaptive Management, Project Disposition and Small Hydro Licensing Initiatives)

For More Information – If you would like more information or are interested in becoming more involved with NHA's Regulatory Affairs Committee, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org
Jeffrey Leahey, *Director of Government Affairs* – jeff@hydro.org
Cherise Oram, *Chair* - Stoel Rives - cmoram@stoel.com
Charles Sensiba, *Vice Chair* - Van Ness Feldman - crs@vnf.com

NHA's Legislative Affairs committee tracks, analyzes and responds to critical and emerging issues on Capitol Hill and within the administration. The committee develops strategies to ensure that hydropower is positively recognized and incorporated in energy policies proposed by federal policymakers. With real-time information, NHA's Legislative Affairs Committee keeps you abreast of important policy developments in Washington and helps the industry protect their interests.

Member Benefits

- **Critical Documents and Resources** – Download policy papers, legislation, legislative analyses and lobbying materials from the NHA web site.
- **Legislative Alerts** – Receive breaking news, memos and important announcements on legislative matters via NHA ListServs.
- **Networks and Contacts** – Network with industry leaders via the Web and through meetings and conference calls to learn about pending legislation and policy developments.
- **Voice on the Hill** – Present a strong and unified voice in Congress
- **Hill Access** – Utilize NHA's access to members of Congress, congressional staff and federal policymakers within the administration.

Hot Topics

The Legislative Affairs committee is involved in several issues that impact the hydro licensing process and future hydropower development. Some of the hot topics currently being addressed include:

- Hydro Licensing Reform
- Incentives for New Hydropower Development
- Appropriations for Hydro R&D
- Hydropower as a Renewable Resource
- Climate Change Legislation
- Clean Air Legislation

For More Information – If you would like more information, or are interested in becoming more involved with NHA's Legislative Affairs Committee, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org

Jeffrey Leahey, *Director of Government Affairs* – Jeff@hydro.org

Suzanne Grassell, *Chair - Chelan County PUD* - Suzanne.grassell@chelanpud.org

The Hydraulic Power Committee (HPC) provides a secure forum for hydro owners and operators to exchange information and share ideas relating to the technical aspects of operating hydroelectric projects.

Member Benefits

- **Hydro Generation Owner and Operator Forum** – The HPC provides ongoing opportunities for exchange of information within the industry. This is accomplished through two processes:
 - NHA maintains two HPC Listservs. One for all members with interests in HPC activities and one that is provided for sharing information among hydro generation owners and operators only.
 - Informal and formal information review and discussion during two annual meetings.
- **Hydro Industry Issue Identification and Management** – The HPC provides opportunities for members to stay abreast of the issues that have the potential to impact the effectiveness and profitability of hydro resources.
- **FERC Dam Safety and Compliance** – Coordination with FERC D2SI on the development of new guidelines and initiatives. The HPC and its members are sought out by FERC to provide input and direction as FERC develops the plans, guidelines and directives licensed hydro operators must implement. The HPC has offered input and influenced FERC direction in areas such as dam stability analysis, FERC inspection practices, dam performance monitoring, emergency action planning, public safety, security, etc.
- **Best Practice Sharing/Benchmarking** – The committee provides both informal and formal opportunities for best practice sharing. Meetings include “Hot Topics” sessions that allow for information sharing among attendees. Specific activities are identified periodically for more focused information sharing and benchmarking. Relationships established through the committee provide access to some of the industry’s most experienced and knowledgeable hydro plant and dam operations and maintenance experts.
- **Liaison**– The committee serves as a liaison with other industry interests including USSD, ASDSO, EPRI, ASCE, CEATI and EEI.

Hot Topics

Some of the types of issues recently of interest to HPC members are:

Hydro Project Upgrade and Rehabilitation	Staffing
Trends in Supervisory Control Systems	Reservoir and Public Use Planning
Plant and Dam Security	FERC Compliance
Personnel Safety	Water Management and Hydro Optimization
Public Safety Requirements	Fish Passage and Entrainment
FERC-proposed Dam Performance Monitoring	Land Rents
Dam Stability Analysis Criteria	Critical Energy Infrastructure Information
Environmental, Safety and General Project compliance	

For More Information – If you would like more information or are interested in becoming more involved with NHA’s Hydraulic Power Committee, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org
Matt Nocella, *Assistant Manager of Strategic Communications* – matt@hydro.org
Jim Thrasher, *Chair* - American Electric Power - jrthrasher@aep.com
Chris Porse, *Vice Chair* - PPL Corporation - ncporse@pplweb.com

The Research and Development (R&D) committee addresses the hydroelectric industry's research and development needs in three important ways:

- I. It works with NHA member companies to define industry R&D needs and priorities.
- II. It is NHA's voice to the Department of Energy and similar agencies to promote funding of R&D programs important to industry.
- III. It also is NHA's voice to technical societies and other NGO's, performing R&D of interest to industry.

Member Benefits

- **Elevates Issues to National Audiences** – Members have the opportunity to have their projects' R&D needs promoted on the national stage. The united voice of industry can be persuasive in gaining acceptance of cost-effective R&D projects and solutions.
- **Coordinated Research** – Industry has successfully partnered with DOE to design the Advanced Hydropower Technology program (AHT) that helps improve both efficiency, and environmental performance of hydropower units. This coordinated approach can be applied to other endeavors, bringing industry, universities and the DOE national laboratories together to produce new operational insights and technologies.
- **Leveraged Research** – Your company dollars will go further when member companies share ideas and pool their resources where common interests intersect. The R&D committee is the perfect forum to connect with potential partners and build solutions to site-specific R&D ventures. In addition, the R&D committee works closely with the Hydro Research Foundation, an NHA affiliate, and the Hydro Power Committee, an NHA committee with an operational focus, to provide a multi-disciplinary vehicle for facilitating peer-reviewed research.
- **Source for R&D Information** – As the R&D arm of NHA the committee monitors technical studies being undertaken by others that be of interest to member companies. The committee ensures that such studies accurately reflect the benefits and attributes of hydropower as an important renewable energy alternative.

Hot Topics

Some of the hot topics the R&D committee is currently addressing include:

- **Advance Emerging Kinetic Hydropower Technologies**
- **Promote Hydropower Development**
- **Protect Environmental Resources**
- **Establish Protocols for Measuring Mitigation Effectiveness**
- **Optimize Water Resources for Multiple Uses**
- **Integrate Hydropower with Other Renewable and Distributed Energy Technologies**

For More Information

If you would like more information or are interested in becoming more involved with NHA's Research & Development committee, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org

Ken Kemp, *Chair* – Micro Renewable Solutions - ken@microrenewablesolutions.com

The NHA Public Affairs Committee develops and implements communication strategies and tools that promote hydropower and support the industry's policy objectives. It utilizes media relations and the Internet to aggressively market the value of hydropower to key audiences and the general public.

Member Benefits

- **Source for Public Affairs Information** – How many tons of carbon does hydro eliminate? What's a key message to counter critics who say hydro isn't renewable? Visit the NHA website where a wealth of pre-packaged information and messages are available to you.
- **Third-Party Validation** –Your national association is ready to weigh in on your behalf with a national perspective, providing member companies with an additional tool to support its messages. The Association gives annual awards and goes “on the record” with reporters to validate your company's message.
- **News Roundups** – Stakeholder negotiations are just another name for good public relations. The members of the Committee, through meetings, ListSers and conferences, continually share information on licensing and community outreach efforts. Thinking of trying something new? Why not learn from someone who has tried it before!
- **Networks and Contacts** – NHA has developed working relationships with reporters and editors, third-party advocates and policymakers to enhance the Association's influence. NHA can expand your reach by putting you in contact with opinion and policymakers.
- **National Awareness Campaigns** – NHA members are involved in a number of public awareness campaigns that brand hydropower projects and allow member companies to speak with a common voice. “Another Benefit of Hydropower” signature campaign, a curriculum guide, collaborative public opinion polling, the NHA Web site – all tools to link the hydropower community in the public's eye.

For more information – If you would like more information, or are interested in becoming more involved with NHA's Public Affairs committee, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org

Matt Nocella, *Assistant Manager of Strategic Communications* – matt@hydro.org

Jeanne Hilsinger, *Chair* – Mavel - Hilsinger@mavel.cz

Mark Garner- *Vice Chair* - Enduring Energy, LLC - markg@enduringenergyllc.com

The National Hydropower Association promotes hydropower in all of its forms – conventional, ocean and wave energy, instream hydrokinetic, and tidal power. NHA’s Ocean, Tidal and New Technologies Council focuses on these new technologies.

The council collaborates with NHA’s membership committees to focus attention on the potential growth opportunities of new technologies, to share information among industry members, and to provide a forum to discuss the challenges facing ocean, tidal, hydrokinetic and emerging technologies.

Areas of focus include:

- Supporting legislative efforts to secure inclusion of ocean, tidal, wave and instream hydrokinetic technologies in tax incentives for renewable energy including the Production Tax Credit, the Clean Renewable Energy Bonds (CREBs) program and others.
- Recognizing these new technologies in clean energy programs, such as a Renewable Portfolio Standard.
- Developing a smart and expeditious permitting scheme
- Creating a database consisting of important technology and regulatory information as an industry information tool
- Creating new research, demonstration and development programs that provide funding and support for these emerging technologies
- Promoting the important role emerging technologies can play in meeting increased demand for clean energy

For More Information – If you would like more information, or are interested in becoming more involved with NHA’s Ocean, Tidal and New Technologies Council, please contact:

Linda Church Ciocci, *Executive Director* - linda@hydro.org
Jessica Matlock, *Chair* - Snohomish County PUD - jdmatlock@snopud.com
Julia Wood, *Vice Chair* - Van Ness Feldman, P.C. - jsw@vnf.com

NHA's Small Hydro Council, recently formed, addresses barriers to the development of small projects with a particular focus on traditional hydro resources such as conventional hydro, development at non-powered dams, irrigation power, and conduit power. Through working groups focused on regulatory issues, dam safety and operational issues, R&D and new technology, and funding and finance, the Council develops strategies to facilitate development and expansion of small hydropower and works to implement those strategies. On its initiatives, the Council will coordinate closely with NHA's Ocean, Tidal and New Technologies Council and with NHA's Regulatory, Legislative, R&D, and Hydraulic Power Committees.

With real-time information, NHA's Small Hydro Council keeps you abreast of regulatory and legislative activities in Washington relative to small hydro and helps the industry protect its interests.

Member Benefits

- **Critical Documents and Resources** – Download regulatory, legislative, dam safety and operations materials relative to small hydro from the NHA web site.
- **Issues Development** – Work with industry leaders on developing an agenda for removing barriers to small hydro development.
- **Alerts** – Receive breaking news, memos and important announcements on small hydro matters via NHA ListSers.
- **Networks and Contacts** – Network with industry leaders via the Web and through conference calls and meetings to learn about and discuss pending developments that affect small hydro.

For More Information – If you would like more information, or are interested in becoming more involved with NHA's Small Hydro Council, please contact:

Linda Church Ciocci, Executive Director – linda@hydro.org

Jeffrey Leahey, Director of Government Affairs – Jeff@hydro.org

Gia Schneider, Chair - Natel Energy – gia@natelenergy.com

David Sinclair, Co-Vice Chair-Advanced Hydro Solutions - david.sinclair@advancedhydrosolutions.com

Maureen Winters, Co-Vice Chair - Normandeau Associates – mwinters@normandeau.com

NHA's Pumped Storage Development Council was formed to address the emerging regulatory and business needs for new pumped storage development to support increasing renewable energy generation policies. The committee is focused on both the regulatory and legislative issues and the business and commercial drivers that are leading the call for new pumped storage development. The Pumped Storage Development Council keeps you abreast of important policy, technology and business developments in this fast changing area of new hydro power development.

Member Benefits

- **Alerts and Information** – Receive breaking news, memos and important announcements on pumped storage matters via NHA ListSers.
- **Networks and Contacts** – Network with industry leaders via the Web and through meetings and conference calls to learn about technology, business drivers, legislation and policy developments.
- **Voice on the Hill** – Present a strong and unified voice in Congress
- **Hill Access** – Utilize NHA's access to members of Congress, congressional staff and federal policymakers within the administration.

Hot Topics

The Pumped Storage Development Council is involved in several issues that impact the hydro licensing process and future hydropower development. Some of the hot topics currently being addressed include:

- Pumped storage license reform
- Incentives for pumped storage development
- Tax/development incentives for pumped storage development
- Commercial and business drivers supporting contracts for developers of pumped storage projects

For More Information – If you would like more information, or are interested in becoming more involved with NHA's Pumped-storage Committee, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org

Jeffrey Leahey, *Director of Government Affairs* – Jeff@hydro.org

Michael Manwaring, *Chair* – HDR, Inc. - michael.manwaring@hdrinc.com

Debbie Mursch, *Co-Vice Chair* – ALSTOM - debbie.z.mursch@power.alstom.com

Doug Devine, *Co-Vice Chair* – Eagle Crest Energy - DDivine@EagleCrestEnergy.com

NHA's recently formed CEO Council creates a forum in which high-level hydropower executives can leverage their resources and talents to further the industry's growth objectives. The CEO council serves as a forum to bring hydropower executives together to share information about industry challenges and solutions. Its members will also enhance the voice of NHA and the hydro industry as a whole within Congress and the Administration. The CEO Council serves as a strategic advisor to the NHA Board and act as a key project and initiative leader on projects that would strengthen NHA's advocacy work and the representation of the industry. On its initiatives, the Council will coordinate closely with NHA's staff, committees, and other councils.

In March and October of 2009, NHA hosted Hydro Executive Fly-In events that included high-level meetings with key policy makers in Congress and the Administration. These events also act as forums for planning the council's operations and setting industry strategy for NHA.

For More Information – If you would like more information, or are interested in becoming more involved with NHA's CEO Council, please contact:

Linda Church Ciocci, *Executive Director* – linda@hydro.org

Marc Gerken, *Co-Chair – AMP Partners, Inc.* – mgerken@amppartners.org

Kevin Frank, *Co-Chair – Voith Hydro, Inc.* – Kevin.frank@voith.com

Name _____
Title _____
Organization _____
Address _____
City _____ State _____ Zip Code _____
Country _____
Phone (____) _____ Fax (____) _____
Email _____
Generation Capacity (MW) _____

CATEGORIES

Effective November 1, 2010

U.S. Generators

Please tell us your installed capacity from your hydro assets and we will get back to you with your calculated membership dues.

_____ MW from hydro assets

Canadian Generators \$9,734

Equipment & Service Providers

Leadership Level \$15,680

Manufacturers, suppliers, contractors, consultants, attorneys with hydropower revenue greater than \$1 million per year.

Contributing Level \$5,801

Revenues attributable to hydropower of less than \$1,000,000 per year but equal to or greater than \$250,000.

Supporting - \$1,864

Individuals, partnerships, entrepreneurs, sole proprietors and small developers involved in the hydropower industry with revenues attributable to hydropower of less than \$250,000 per year.

Contact Diane Lear at diane@hydro.org for membership and dues information.

Amount Enclosed \$ _____ *We also accept: American Express, MasterCard & Visa*

Card Number _____ **Security code** _____

Signature _____ **Exp** _____

Committees: *Please indicate your areas of interest:*

- | | |
|--|---|
| <input type="checkbox"/> Hydraulic Power Committee | <input type="checkbox"/> Ocean Tidal & New Tech. Council |
| <input type="checkbox"/> Research & Development | <input type="checkbox"/> Legislative Affairs |
| <input type="checkbox"/> Public Affairs | <input type="checkbox"/> Pumped Storage Development Council |
| <input type="checkbox"/> Regulatory Affairs | <input type="checkbox"/> Small Hydro Council |

Thank you for supporting your National Hydropower Association