

2019

ANNUAL REPORT

PREPARED BY:
HYDROPOWER FOUNDATION
GENERATING
HYDROPOWER'S
FUTURE

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MESSAGE FROM THE PROGRAM DIRECTOR



Bree Mendlin
Program Director



Linda Church-Ciocci
Executive Director

2019 has been a year of growth around the Foundation. We changed the name of the Hydro Research Foundation to the Hydropower Foundation to embrace more opportunities as we closed an 8-year chapter with the Research Awards Program. The Foundation welcomed Linda Church-Ciocci as its new Executive Director in the summer of 2019. With a new leader comes new and exciting ideas about the Foundation's future.

The Hydropower Foundation has identified opportunities for new programming that supports the financial stability of the Foundation while simultaneously supporting the industry. In 2019, the Foundation worked with the National Renewable Energy Laboratory on a workforce development program funded by the Department of Energy to help bridge the gap in the curricula that currently exists in hydropower and marine energy education at the university level as well as increase the opportunity around careers in STEM.

The Foundation hosted its 3rd Annual Hiring for Hydro, its 2nd Hydro Think Tank and its

very 1st Hydro Pep Rally. This work supports the financial resilience that the Foundation is creating to support the ongoing efforts in education, research and workforce development within the hydropower industry.

The Hydropower Foundation's mission focuses on advancing waterpower's role in providing clean energy and the programs we have been executing fit our mission well. The Foundation has developed a reputation for delivering high-quality, cost-effective programs that deliver terrific new entrants for the hydropower workforce. In addition, we are spreading the good word about hydropower which is catching on well in the Pacific Northwest. We are moving to the Northeast in 2020 to continue that effort with a 3rd Hydro Think Tank.

The Hydropower Foundation Board of Directors and Advisory Board Members are committed to furthering the future of hydropower as they dedicate their time, resources and energy to ensure a successful outcome. The board is made up of a diverse group of industry professionals with technical expertise, wisdom and leadership that contributes to a successful future for the Foundation.

BREE MENDLIN

**PROGRAM DIRECTOR
HYDROPOWER FOUNDATION**

OUR MISSION

Advancing waterpower's role in providing responsible, resilient, clean energy.

2019 Board of Directors and Advisory Board Members



From Left back row- Scott Ginesin (Branding & Development Chair), Tim Brush, Steve Amaral, Norm Bishop (Treasurer), Carl Vansant, Wayne Pietz (Membership Committee Chair), Paul Jacobson (Branding & Development Co-Chair), David Sinclair (Chief Strategic Advisor), Mark Kilgore.

From Left front row - Steve Wenke (Vice President), Janet Audunson (Legal Counsel), Leslie Eden, Kenneth Odom (President), Bree Mendlin (Program Director), Erin Foraker, Dave Youlen Not Pictured: Gregg Carrington (Program Co-Chair), Debbie Mursch, T.J. Heibel, Michael Manwaring, Lisa Larson, Wendy Bley, Gerry Russel, Barbara Hins-Turner, Jessica Coleman, Randy Herrin

OUR VISION

To be the industry leader in providing innovative programs that enhances the value of waterpower.

PURPOSE and STRATEGY



HYDRO THINK TANK - ROCKY REACH DAM - AUGUST 2019

WHY OUR WORK MATTERS

The hydropower industry has a large deficit in having readily available good qualified candidates to join the workforce. From skilled technical and craft resources to engineers there is not only a loss of employees but a large gap in knowledge transfer as there is no one to pass the knowledge along too. Competition is fierce for qualified new employees. The Foundation is a leader in identifying talent and spreading the good word about hydropower and its opportunities.

STRATEGIC GOALS

The Foundation has identified three strategic goals which reflect a focus on the programs delivered by the Foundation.

- Ensure the Financial Viability of the Foundation
- Deliver Relevant, High Quality Programs and Products for which the Foundation is Renowned
- Greatly Strengthen the Foundation Brand

FINANCIAL VIABILITY



TURBINE RUNNER 5K - PORTLAND, OREGON - JULY 2019

2019 MEMBERS

- SOUTHERN COMPANY
- SEATTLE CITY LIGHT
- HDR
- CLARION EVENTS
- AECOM
- EMRGY
- CHELAN COUNTY PUD
- NWA
- KLEINSCHMIDT
- ANDRITZ HYDRO
- NHA
- GENERAL ELECTRIC
- HCI PARTNERS
- NUSTREEM
- ABB
- MAVEL
- TRC
- DUKE ENERGY
- GRANT COUNTY PUD
- EMERSON
- VAN NESS FELDMAN
- LOW IMPACT HYDRO INSTITUTE
- SCHNABEL ENGINEERING
- AMERICAN GOVERNOR
- PACIFIC NETTING PRODUCTS
- BLACK & VEATCH
- NORMANDEAU ASSOCIATES
- MCMILLEN JACOBS ASSOCIATES
- JANET AUDUNSON & DAVE YOULEN
- BARNARD
- ALDEN
- BEACON HILL CONSULTING SERVICES, LLC

2019 SPONSORS and SUPPORTERS

- NORM BISHOP
- STEVE WENKE
- DEBORAH LINKE
- DAVID SINCLAIR
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- U.S. BUREAU OF RECLAMATION
- IDAHO POWER
- IBEW 125
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- NORTHWEST HYDRAULIC CONSULTANTS
- AMERICAN BABBIT BEARING
- ASSOCIATED UNDERWATER SERVICES
- CANYON HYDRO
- NATIONAL RENEWABLE ENERGY LAB
- U.S. DEPARTMENT OF ENERGY
- HCMS
- BRASFIELD & GORRIE
- EXELON
- BROOKFIELD RENEWABLE
- AVISTA UTILITIES

OUR PROGRAMS



HYDRO THINK TANK WINS OUTSTANDING STEWARDS OF AMERICA'S WATERS AWARD



HYDRO THINK TANK - ROCKY REACH DAM - AUGUST 2019

HYDRO THINK TANK

In April 2019 the Hydropower Foundation and Alabama Power were recognized by being presented with the OSAW award for education and innovation during the annual National Hydropower Association Waterpower Week Conference in Washington, D.C. To be recognized for this initial pilot project gave the foundation a great incentive to hit another one out of the park and that is just what happened in August of 2019 in Wenatchee, Washington.

The Hydropower Foundation organized a second Hydro Think Tank Competition. The week of Aug 13th – 15th, 2019, 11 undergraduate students from the University of Washington, Walla Walla Community College, Washington State University and Portland State University were

brought to Rocky Reach Dam for an intense week of hands on problem solving to give their best solution to a pressing hydropower issue presented by Chelan County, PUD, Grant County PUD, Avista Utilities, HDR and McMillen Jacobs. The week was filled with exploration, training, teamwork and development to compete for the opportunity for cash prizes, a resume booster and opportunities for potential internships and/or positions with these companies.

The teams were made up of 3-4 undergraduate students. Teams were judged by a panel of company executives and industry engineers on ingenuity, practicality of solution, and presentation. This opportunity offered students practice with real-life business and engineering skills, hone individual talents and apply knowledge to solve a pressing need in our river systems.

OUR PROGRAMS



2019 PNW THINK TANK WINNERS

From left to right. Nick Zellerhoff, Alex Junge, Alysa Velez and Tracy Pennell

HYDRO THINK TANK

"The Think Tank was a great event for the Hydropower Foundation that allowed us to be an important part of the development of these student's future and to really show them that hydropower is a very exciting career choice. This is part of what we do at the Hydropower Foundation."

- Kenneth Odom – President Hydropower Foundation, 2017-2019

"Watching these extremely bright college students tackle a real-world hydropower problem left me even more excited about the future of hydropower."

- Kirk Hudson - Chelan County Public Utility District

"The Hydro Think Tank was a great experience where I could collaborate with peers from different backgrounds. Although I came in with little knowledge about hydropower, I learned enough during the week to work together with my team and take home 1st prize! The most rewarding part of my experience was meeting professionals in both hydropower and other water related fields and connecting with peers that I hope to see again during my engineering career."

- Alex Junge - 2019 PNW Think Tank Winning Team Member

OUR PROGRAMS



HIRING FOR HYDRO - PORTLAND, OREGON - FEBRUARY 2019

HIRING FOR HYDRO

The 3rd Annual Hiring for Hydro, was held in Portland, Oregon, in February 2019 alongside the Northwest Hydroelectric Association's Annual Conference.

This event brought employers and interested applicant pools together to explore careers in hydropower.

The Foundation attracted 8 organizations to meet with 40 students during a focused workshop and hydropower career fair.

Thank you very much for the 'Hiring for Hydro' opportunity. It broadens my perspective about careers in hydropower.

-Wiwin Hartini-

HOW YOU CAN BE INVOLVED



HYDRO THINK TANK - ROCKY REACH DAM - AUGUST 2019

- Make a Financial Contribution
- Become a Member
- Sponsor an Event - Celebration Dinner, Turbine Runner 5K and Fundraising and Career Building Events
- Join our Newsletter List
- Attend an Event. Better yet, bring a friend or co-worker
- Consider a Legacy Gift
- Donate to the Julie Keil Scholarship Fund
- Become a Volunteer on a Committee

Donations by mail can be made to:
Hydropower Foundation
10118 Spotted Owl Avenue
Highlands Ranch, CO 80129

To join a committee, attend an event or become a sponsor, email
Bree@HydroFoundation.org