



NW Energy Coalition
for a clean and affordable energy future

Decarbonizing the Northwest

Webinar Series

July 13: Evolving Technologies Showcase

10:00 AM - 11:30 AM (PT) / 11:00 AM - 12:30 PM (MT)

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Let's hear from the next generation innovators who have new technologies entering the market. What is the outlook for these technologies? What is the role of these technologies in the next decade? How can we accelerate the adoption of evolving technologies while ensuring environmentally and culturally responsible clean energy development?

Moderator

Mel Clark
President and CEO
CleanTech Alliance



Mel Clark is a leader with 20 years of nonprofit experience, as well as for-profit business experience in real estate and human resources. She has a demonstrated track record of strong fiscal stewardship and program development. She joined the CleanTech Alliance in April 2020. She has two adult children, one in college studying computer science, the other a theatre lighting designer. She was born in Massachusetts, raised in Kansas, spent summers on the beach in Connecticut, and attended colleges in New York and Washington. She is a life-long learner, and loves to read, travel, cook, bake, and garden, and enjoys hiking, yoga, swimming, and tolerates running (long enough to finish a marathon in 2017)



Speaker - Offshore wind

Whitney Hauer
Renewable Energy Specialist
Bureau of Ocean Energy
Management



Whitney Hauer is a renewable energy specialist for the Bureau of Ocean Energy Management (BOEM) Pacific Outer Continental Shelf (OCS) Office, located in Camarillo, California. She is the BOEM Oregon Intergovernmental Renewable Energy Task Force Coordinator and project coordinator for renewable energy planning and leasing activities in Oregon. She has over 15 years of experience in the ocean renewable energy field. Prior to joining BOEM, Whitney worked in the private sector supporting the National Oceanic and Atmospheric Administration, the U.S. Department of Energy, and the Naval Facilities Engineering Command on ocean renewable energy activities. Whitney has an M.S. and a Ph.D. in Civil Engineering from the University of New Hampshire.

Speaker - Energy storage

Julia Souder
Executive Director
Long Duration Energy Storage
Council

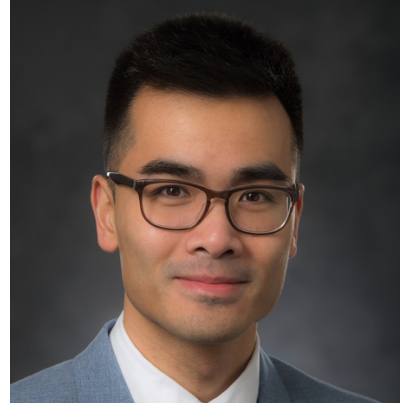


Julia has over 20 years of experience in the energy and environmental sectors. She has been a longtime advocate of clean energy technology, working extensively to support environmentally friendly technologies and equitable policies. Previously she held senior positions at the LDES Association of California, National Resources Defense Council (NRDC), Clean Line Energy Partners, the North American Electric Reliability Corporation, the U.S. Department of Energy (DOE), and as an entrepreneur at JAS Energies LLC.



Speaker - Electrified trucking

Jonathan Yan
Charging Infrastructure Consulting
Engineer
Daimler Truck North America



Jonathan Yan is a Charging Infrastructure Consulting Engineer within the Detroit eConsulting Group for Daimler Truck North America (DTNA). He is responsible for providing infrastructure guidance to customers in preparation for operating medium & heavy-duty electric vehicles. Within this role, the goal is to help shape the future of electrification of truck transportation and streamline the eVehicle transition process for customers. Prior to DTNA, Jonathan's background includes over 10 years of experience within the electrical engineering space at several power utilities within the Northwest.

Speaker - DC transmission

Corey Kupersmith
Co-Founder & Managing Partner
Sun2o



Corey is the Co-Founder and Managing Partner at Sun2o Partners, a renewable energy infrastructure developer. At Sun2o, Corey oversees development strategy, market and financial diligence, and strategic partnerships. To date, Sun2o has originated over 5,000 MW of solar and solar + storage projects across the U.S. Since 2019, Sun2o has worked with PowerBridge to develop the Cascade Renewable Transmission Project, a 1,100 MW HVDC transmission system designed to deliver cost effective renewable energy produced east of the Cascades to I-5 load centers. Previously, Corey worked in the Power & Renewable Investment Banking Group at BofA Merrill Lynch. While at BofA Merrill, Corey worked with clients on the valuation, financing and sale of over 10,000 MW of renewable and fossil generation assets. Corey graduated from the Georgetown University McDonough School of Business with a B.B.A. in Finance.



Speaker - DC transmission

Chris Benson
Director of Operations
PowerBridge, LLC.



Chris Benson joined the PowerBridge team in 2013. As Director of Operations, he is responsible for daily oversight of the operation, maintenance, safety, inventory and environmental compliance for PowerBridge's Hudson and Neptune HVDC transmission facilities. Prior to joining PowerBridge, Chris was part of the commissioning and operations teams for the Hudson back-to-back HVDC project in Ridgefield, NJ, and the Trans Bay Cable (Siemens' first HVDC Plus converter station) in Pittsburg, CA. A graduate of the U.S. Navy Nuclear Power Training Pipeline, Chris served aboard a nuclear submarine while performing radiological controls and maintaining reactor chemistry. Chris holds an MBA from Quinnipiac University, a master's degree in Project Management from Pennsylvania State University, a BS in Electronics Engineering Technology from Excelsior College, and a Graduate Certificate in Enterprise Architecture from Pennsylvania State University.

Speaker - Green hydrogen

Evan Ramsey
Senior Director, Renewables
Bonneville Environmental
Foundation



Evan is the Sr. Director of the Renewables Program. He has been with BEF since 2014 and leads the organization's work on renewable energy, demand response, energy efficiency, and electrification. He brings deep renewable energy experience and has consulted with hundreds of communities, businesses, governments, and utilities to provide technical, financial, development, and management expertise on projects across the country. His work at BEF includes pioneering the region's first low-income benefitting community solar project, supporting dozens of low-impact hydro projects, engaging on multiple levels of energy policy, founding the Renewable Hydrogen Alliance, commissioning cost/benefit studies on vehicle electrification, and delivering the first hydrogen fueling station in the Pacific Northwest.



Acronyms

BOEM - Bureau of Ocean Management

CAISO - California independent system operator

DER - distributed energy resource

DOE - Department of Energy

DSM - demand side management (sometimes used to refer to all conservation or energy efficiency measures, and load management)

DTNA - Daimler Truck North America

EV - electric vehicle

FERC - Federal Energy Regulatory Commission

HVDC - high voltage direct current

LDES - long duration energy storage

MW - megawatt

TE - transportation electrification

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