

ALASKA WIND-DIESEL WORKSHOP

NOVEMBER 8-9, 2018

ANCHORAGE MUSEUM
625 C St., Anchorage

Hosted by
the Alaska Wind Working Group

Organized by
Alaska Energy Authority and
Renewable Energy Alaska Project

Sponsored by
Alaska Energy Authority



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THURSDAY • NOVEMBER 8, 2018

Anchorage Museum Auditorium
625 C Street • Anchorage, Alaska

7:30-8:00AM	REGISTRATION
8:00-8:30AM	INTRODUCTIONS & WELCOME
8:30-10:00AM PLENARY #1	<p>STATE OF THE LARGE WIND MARKET</p> <p><i>Wind power generates more than 6% of all electricity in the United States, and is the nation's second largest renewable source of electricity, just behind hydropower. This moderated discussion will look at trends in the nation's and Alaska's large wind market including technology, policy, and operation.</i></p> <p>MODERATOR: Chris Rose, Renewable Energy Alaska Project (REAP)</p> <p>PANELISTS: Ian Baring-Gould, National Renewable Energy Laboratory (NREL) Amanda Ormond, Western Grid Group Michael Milligan, Milligan Grid Solutions, Inc.</p>
10:00-10:30AM	NETWORKING BREAK
10:30-12:30PM PLENARY #2	<p>RAILBELT GRID</p> <p><i>Recent proposals to reform the operations of Alaska's Railbelt grid could significantly impact wind and other forms of renewable energy. This moderated discussion will give an overview of the current state of progress, how the changes could affect developers of wind and other utility-scale renewables in Alaska, and what challenges remain.</i></p> <p>MODERATOR: Darron Scott, Kodiak Electric Association</p> <p>PANELISTS: Robert Pickett, Regulatory Commission of Alaska (RCA) Ed Jenkin, Matanuska Electric Association (MEA) Cory Borgeson, Golden Valley Electric Association (GVEA) Janet Reiser, Alaska Energy Authority (AEA) Mike Craft, Alaska Environmental Power Chris Rose, Renewable Energy Alaska Project (REAP)</p>
12:30-1:30PM	LUNCH
1:30-3:30PM PLENARY #3	<p>ENERGY STORAGE</p> <p><i>Energy storage is helping to increase penetration levels of wind in Alaska. This moderated discussion will look at the latest technology advances and the use of energy storage technologies in Alaska.</i></p> <p>MODERATOR: Gwen Holdmann, Alaska Center for Energy & Power (ACEP)</p> <p>PANELISTS: David Mall, SAFT America – Energy Storage Overview Ben Schenkman, Sandia National Labs – Sizing for Energy Storage Paul Risse, Chugach Electric Association – Project Update William Thomson, Alaska Village Electric Cooperative (AVEC) – Grid Bridging</p>
3:30-4:30PM	<p>WRAP UP</p> <p>MODERATOR: Chris Rose, REAP</p>
4:30-6:00PM	<p>SPONSORED RECEPTION</p> <p>Sullivan's Steakhouse 320 W 5th Ave., Anchorage (<i>across C Street from the Museum</i>)</p>

FRIDAY • NOVEMBER 9, 2018

Anchorage Museum Auditorium
625 C Street • Anchorage, Alaska

7:30-8:00AM	REGISTRATION
8:00-10:00AM	WIND DIESEL 101 – Josh Craft, Alaska Energy Authority (AEA) Reynolds Room (1st floor) <i>This session will cover the basics of Wind-Diesel hybrid power systems, giving attendees an overview of renewable energy, wind power and wind-diesel project development as well as providing a hands-on introduction to meteorological (met) towers and data loggers.</i>
10:00-10:30AM	NETWORKING BREAK
10:30-12:30PM PLENARY #4	WIND-DIESEL LIFECYCLE BEST PRACTICES <i>Building, maintaining, operating and optimizing hybrid electric grids in remote communities with limited workforces and harsh operating conditions brings many challenges. Panelists will discuss how they are addressing a variety of issues to better capitalize on their local wind energy resources.</i> MODERATOR: Meera Kohler, Alaska Village Electric Cooperative (AVEC) PANELISTS: Matt Bergan, Kotzebue Electric Association – Planning & Vision Josh Craft, Alaska Energy Authority – Project Development & Selection Scott Stiker, Alaska Village Electric Cooperative – Operations & Maintenance
12:30-1:30PM	LUNCH
1:30-3:00PM PLENARY #5	PAYING FOR PROJECTS <i>There are unique challenges to financing projects in remote communities This moderated discussion will look at financing barriers, and strategies to decrease the risk of projects to lower financing costs, including the role of Alaska’s Power Cost Equalization (PCE) program.</i> Moderator: Cady Lister, Alaska Energy Authority (AEA) PANELISTS: Connie Fredenberg, Utility Management Assistance Josh Craft, Alaska Energy Authority Jessie Huff, US Department of Agriculture Rural Development Michael Kuca, US Dept. of Energy’s Office of Indian Energy Policy & Programs
3:00-4:00PM WRAP UP	WRAP UP Moderator: Josh Craft, Alaska Energy Authority <i>Conference take-aways, and a look at various opportunities for the wind-diesel community to stay in touch and collaborate</i>

***THANK YOU TO ALL OUR ATTENDEES,
MODERATORS & PANELISTS!***



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