



*Hosted by*

**Islanded Grid Resource Center (IGRC)  
Renewable Energy Alaska Project (REAP)**

*in  
association  
with*

**U.S. Department of Energy WINDEXchange**

**Alaska Energy Authority  
Alaska Center for Energy & Power  
Island Institute**

**Fairbanks Pipeline Training Center  
3600 Cartwright Court  
Fairbanks, Alaska 99707  
907-455-1240**

<div> DRAFT AGENDA ISLANDED GRID WIND POWER WORKSHOP THURSDAY • APRIL 28, 2016 Location: TBD </div>	
5:00pm-7:00pm	RECEPTION & REGISTRATION OPENS

<div> FRIDAY • APRIL 29, 2016 FAIRBANKS PIPELINE TRAINING CENTER </div>		
7:00am	REGISTRATION & HOSTED BREAKFAST	
8:00-8:30am	WELCOME	
PLENARY #1 8:30-10:00am	<div> OPERATIONAL PROBLEMS &amp; SOLUTIONS Moderator: Brent Petrie, CEO, Petrie &amp; Associates </div> <p>Operations and maintenance can make or break the long-term economics of hybrid systems. This moderated session will feature a discussion from operators about common challenges, as well as best practices to overcome them.</p>	
		<div> Steve Gilbert, Energy Projects Development Manager, Alaska Village Electric Cooperative (AVEC) Anchorage, Alaska </div>
		<div> Eric Hanssen, Rural Energy Program Manager, Alaska Native Tribal Health Consortium (ANTHC) Anchorage, Alaska </div>
		<div> John Handeland, General Manager, Nome Joint Utility Systems (Invited) Nome, Alaska </div>
10:00-10:30am	NETWORKING BREAK	
PLENARY #2 10:30-12:00pm	<div> INNOVATION IN ENERGY STORAGE Moderator: Brian Hirsch, President, Deerstone Consulting </div> <p>Cost effective, reliable energy storage is critical to achieve high contributions of renewable energy in microgrids. This moderated panel will examine the latest innovations in storage technologies, including ones still under development, and discuss the challenges in integrating storage on small grids</p>	
		<div> Jim McDowall, Business Development Manager, SAFT New York, New York </div>
		<div> Gwen Holdmann, Director, Alaska Center for Energy &amp; Power (ACEP) Fairbanks, Alaska </div>
		TBA
12:00–1:00pm	HOSTED LUNCH	

PLENARY #3 1:00-2:30pm	<div>FINANCING</div> <div>Moderator: TBA</div> <div><i>This moderated panel will explore the options for financing wind power systems from the perspective of funders and developers. Hear about what communities need to provide financiers to attract investment and get projects built.</i></div>	
		<div>Dean Moretton, CEO, Adaptive Microgrids</div> <div>Valparaiso, Indiana</div>
		<div>Mike Pawlowski, Chief of Staff, U.S. Sen. Lisa Murkowski</div> <div>Washington D.C.</div>
		<div>Hugh Short, Co-Founder &amp; Chairman/CEO, Pt Capital</div> <div>Anchorage, Alaska</div>
2:30-3:00pm	NETWORKING BREAK	
PLENARY #4 3:00–4:30pm	<div>HUMAN CAPACITY</div> <div>Moderator: TBA</div> <div><i>Even the best technology can fail without well-trained operators, giving the technology a bad name. This moderated discussion will explore best practices to increase human capacity and expertise in small remote settings.</i></div>	
		<div>Misty Conrad, Senior Technical Project Manager, National Renewable Energy Laboratory (NREL)</div> <div>Golden, Colorado</div>
		<div>Denali Commission (invited)</div> <div>Anchorage, Alaska</div>
		<div>Evon Peter, UAF (invited)</div> <div>Fairbanks, Alaska</div>
4:30-5:30PM	<div>WRAP-UP SESSION</div> <div>Moderator: Chris Rose, Renewable Energy Alaska Project (REAP)</div> <div>Ian Baring-Gould, National Renewable Energy Laboratory (NREL)</div> <div>Gwen Holdmann, Alaska Center for Energy &amp; Power (ACEP)</div> <div>Dennis Meiners, Intelligent Energy Systems</div>	

OPTIONAL DELTA JUNCTION WIND FARM TOUR

SATURDAY • APRIL 30, 2016

8:00AM-3:00PM

The Islanded Grid Resource Center has reserved a coach bus to take participants to this 1.9-megawatt wind farm operated by Alaska Environmental Power. The wind farm is located in Delta Junction, about 90 miles from Fairbanks and feeds power into the state’s Railbelt Grid. It includes two EWT 900 turbines and one Northwind 100. The group will spend 2-3 hours at the site touring, observing the turbines and operating systems, and talking with operator and owner Mike Craft.

Cost: \$25

*Box Lunch and transportation to and from Fairbanks provided.*

*Sign up when you register.*

*THANK YOU TO OUR ORGANIZERS AND SPONSORS!*

