



Emerging Priorities in Energy Research
October 31, 2018
AGENDA

8:30 AM – 8:45 AM	Welcome Meera Kohler, Alaska Village Electric Cooperative Crystal Enkvist Alaska Power Association
8:45 AM - 9:30 AM	The Future of the Industry in Technology and Energy Services Jim Spiers, NRECA
9:30 AM - 10:15 AM	Challenges of Integrating Renewables in Small Grids Mariko Shirazi, Alaska Center for Energy & Power (moderator) Dustin Highers, Chugach Electric Association Bill Thomson, Alaska Village Electric Cooperative Brian Miller, National Renewable Energy Laboratory
10:15 AM – 10:30 AM	Networking Break
10:30 AM – 11:00 AM	U.S. Senator Lisa Murkowski (AK) Chair, Senate Energy and Natural Resources
11:00 AM – 11:45 PM	Technology Improvements in Battery Storage Vincent Sprenkle, Pacific Northwest National Laboratory Clay Koplin, Cordova Electric Cooperative
11:45 AM – 12:30 PM	Remote Utilities Research: Resiliency and Infrastructure Improvements Robert Harris, NRECA (moderator) Burke Wick/Russell Thornton, Chugach Electric Association Janet Reiser, Alaska Energy Authority
12:30 PM – 1:45 PM	Lunch Keynote: Emerging Technologies and the Financial Impact Greg Starheim, National Rural Utilities Cooperative Finance Corporation
1:45 PM – 2:30 PM	IEEE 1547-2018 Revision: Considerations for Challenging Grid Scenarios George Roe, Alaska Center for Energy & Power (moderator) Charlie Vartanian, Pacific Northwest National Laboratory Robert Harris, NRECA
2:30 PM – 3:15 PM	Microgrids: Benefits and Opportunities Kevin Schneider, Pacific Northwest National Laboratory
3:15 PM – 3:30 PM	Networking Break

3:30 PM – 4:15 PM

Distributed CHP Challenges in Remote Communities

Devany Plentovich, Alaska Energy Authority (moderator)

Ben Loeffler, Alaska Center for Energy & Power

David Van Holde, Department of Energy CHP Taps

4:15 PM – 5:00 PM

Performance Optimization

Rich Wies, Alaska Center for Energy & Power (moderator)

Rob Hovsopian, Idaho National Laboratory

Dan Bishop, Golden Valley Electric Association

Alec Mesdag, Alaska Electric Light and Power

5:00 PM

Concluding Notes