ACEP Mission: Develop and disseminate practical, cost-effective, and innovative solutions for Alaska and beyond

ACEP Program Overview

Gwen Holdmann, Director
Alaska Center for Energy and Power
Islanded electric grid integration
River hydrokinetics
Low temperature geothermal
Remote sensing/thermal imaging
Waste heat utilization
Coal-to-liquids technology
Biomass energy
Transmission and distribution
Fuel additives assessment
Small modular nuclear reactors
Advanced energy storage
Ground source and seawater source heat pumps
Stranded renewable resources assessment
Wave resource assessment
Optimize diesel-renewable hybrid energy systems for islanded electric microgrids
Hydrokinetic Energy – Ocean and River

Extracting energy directly from our rivers and tidal basins
Geothermal Energy and Heat Recovery

Chena Geothermal Project – lowest temperature commercial geothermal system in the world

Electratherm testing at UAF