



ACEP

Alaska Center for Energy and Power

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

ACEP Program Overview

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ACEP Projects Overview

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

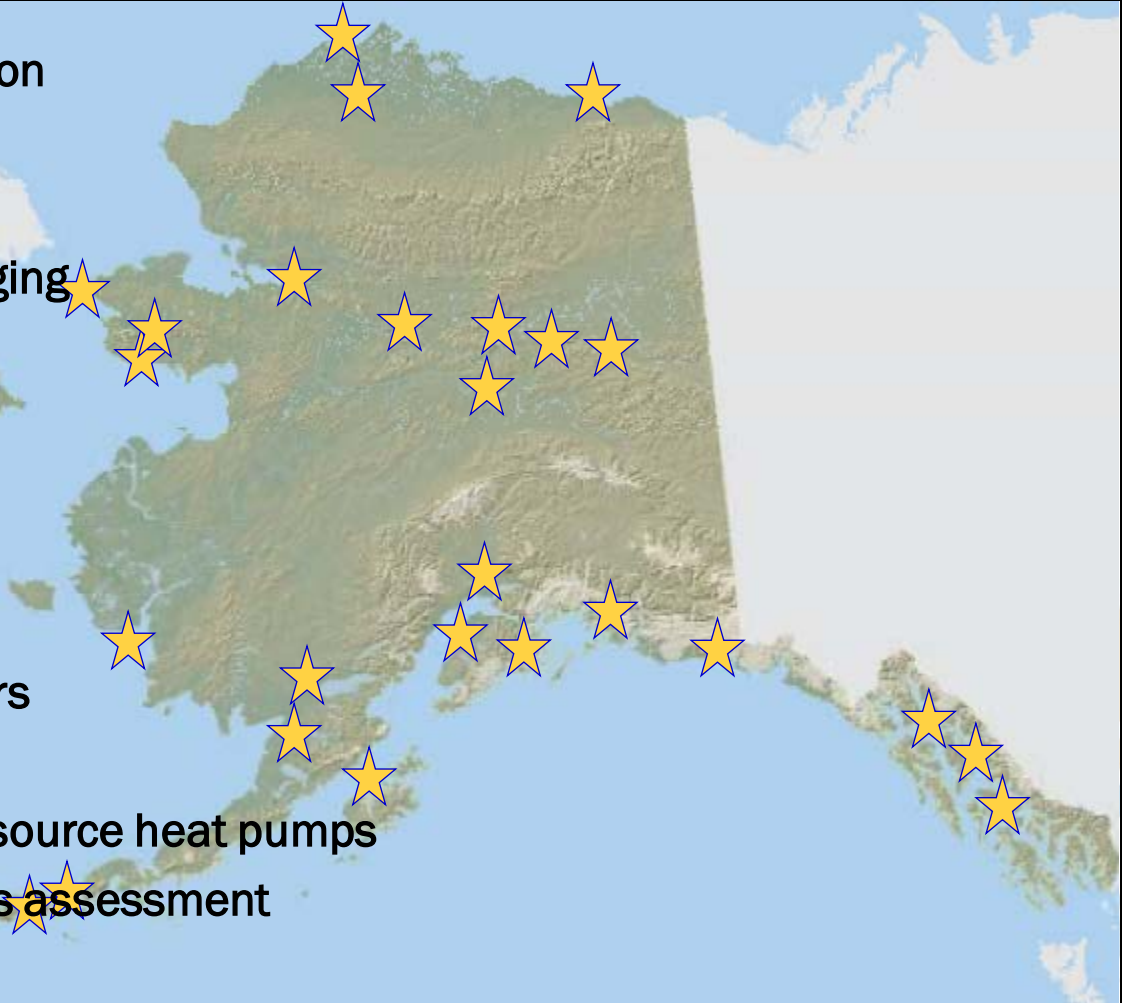
Small modular nuclear reactors

Advanced energy storage

Ground source and seawater source heat pumps

Stranded renewable resources assessment

Wave resource assessment



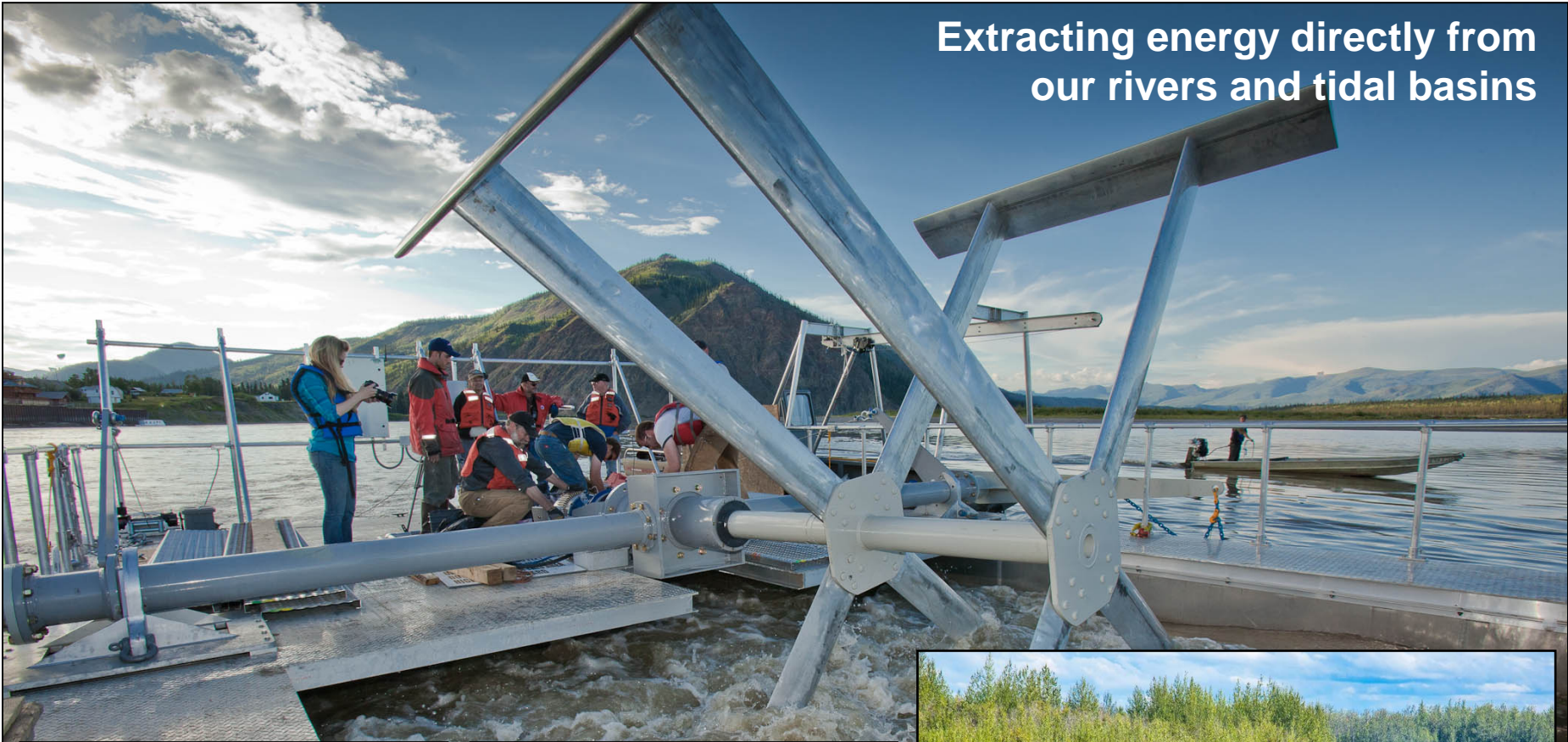
Power Systems Integration



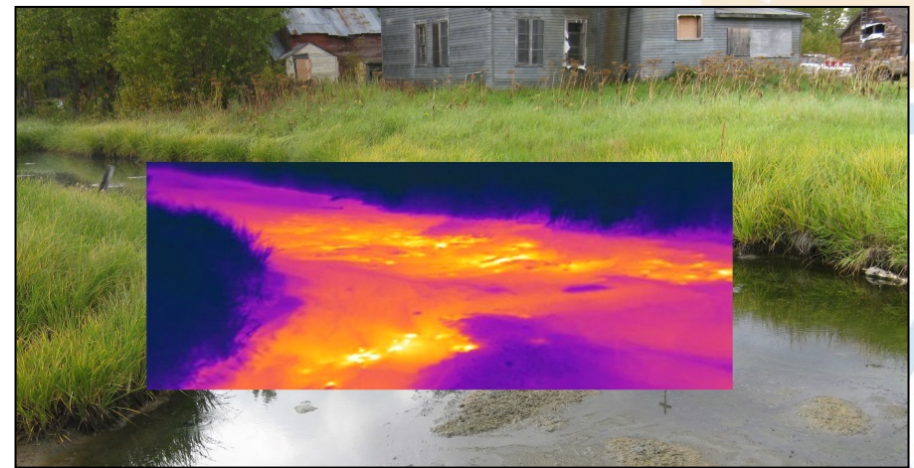
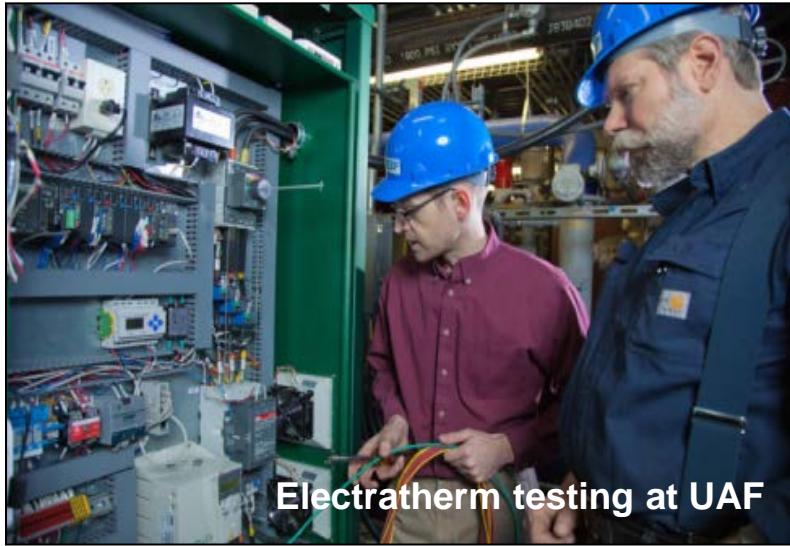
Optimize diesel-renewable hybrid energy systems for islanded electric microgrids

Hydrokinetic Energy – Ocean and River

Extracting energy directly from our rivers and tidal basins



Geothermal Energy and Heat Recovery





U.S. DEPARTMENT OF ENERGY



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