

SEC Energy Update

February 12, 2025

2025 Mid-Session Summit



SOUTHEAST
CONFERENCE

Energy independence

Islanded grids powered by stable priced renewable energy.

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Relatively mild climate.

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Limited road systems in most communities.

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Carbon free, stable priced, locally produced thermal & transportation energy.

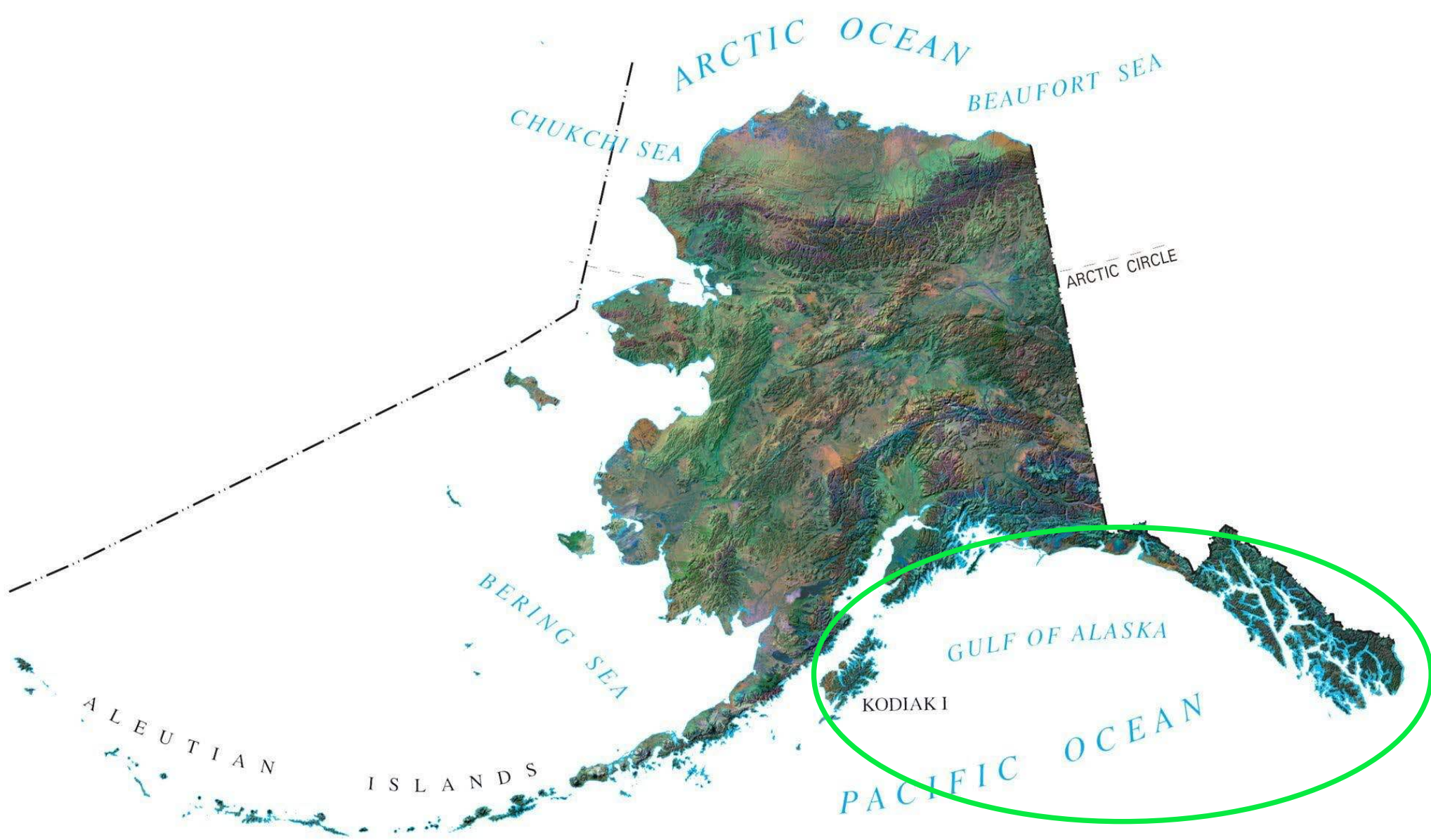


ACCELERATING CLEAN ENERGY SAVINGS IN ALASKA'S COASTAL COMMUNITIES



- \$38.6 million award
- Project impacts: 2024 through 2030
 - 80,000 MTCO₂e emissions reduction
 - 3.3 million gallons of heating fuel displaced





48 communities – 85,000+ people - 24 utilities - 25 grids

Market transformation



- ~6,000 heat pumps installations in homes currently using heating oil, propane or wood for primary heat
- Tiered incentives
 - 80% AMI or lower = \$8,500
 - 81-150% AMI = \$6,000
 - No income limit = \$4,000
- Workforce development to build skills and support transition.
- Coordination with providers of weatherization services to maximize value to households with low income.
- Coordination with financial institutions to expand access to affordable financing products to leverage grant funds.

Leveraging worldclass expertise, planning and connecting the dots.....some examples

Energy planning –Energy Shed, Southeast Integrated Resource Plan (SEIRP).

Strategically connecting worldclass technical expertise – National Renewable Energy Lab (NREL) and Alaska Center for Energy and Power (ACEP).

Coordinating with statewide initiatives - Alaska Housing Finance Corporation and Alaska Energy Authority

Biomass – operator training and forest products development

Transportation energy – transportation electrification and biofuels