

**AHFC Energy Efficiency Research**

**FY2023 Request: \$500,000**  
**Reference No: 6351**

**AP/AL:** Appropriation

**Project Type:** Energy

**Category:** Development

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** James Wiedle

**Estimated Project Dates:** 07/01/2022 - 06/30/2027

**Contact Phone:** (907)330-8359

**Brief Summary and Statement of Need:**

Alaska-specific housing construction research for energy efficiency design of new housing units and energy efficiency improvements in dated housing stock.

<b>Funding:</b>	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1139 AHFC Div	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
<b>Total:</b>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

- Sec8 Ch1 SLA2021 P78 L23 HB69 \$500,000
- Sec5 Ch8 SLA2020 P66 L31 HB205 \$500,000
- Sec1 Ch1 SLA2018 P9 L8 SB142 \$1,000,000
- Sec1 Ch1 SLA2017 P7 L4 SB23 \$1,000,000
- Sec1 Ch2 SLA2016 P16 L16 SB138 \$1,000,000

**Project Description/Justification:**

Grant funds for research, monitoring and testing of energy efficiency designs, products, and construction technology in Alaska’s homes and public facilities. Program results inform the operation and improvement of a variety of energy-efficiency incentive programs operated by the State and AHFC. AHFC works with other agencies to maximize this resource while determining best, most cost effective energy efficiency practices, techniques and materials across Alaska’s climate varied regions.

**Projected Outcomes**

- Data collection on energy-efficient design of homes in Alaska’s diverse climates;
- Evidence-based research on energy efficiency features and their impact on home-energy consumption, comfort levels, durability, occupant health, and household economics; and,
- Dissemination of energy information to the building industry and public.