

**Alaska Energy Authority - Green House Gas Reduction Fund - Solar for All Competition**

**FY2025 Request: \$20,000,000**  
**Reference No: 65124**

**AP/AL:** Appropriation

**Project Type:** Energy

**Category:** Development

**Location:** Statewide

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

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

**Contact:** Curtis W. Thayer

**Estimated Project Dates:** 07/01/2024 - 06/30/2029

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**Brief Summary and Statement of Need:**

The Inflation Reduction Act (IRA) amended the Clean Air Act to include Section 134 (42 U.S.C. § 7434), which authorized the U.S. Environmental Protection Agency (EPA) to make competitive grants under the Solar for All competition with appropriations funded by Section 134(a)(1). The law appropriated \$7 billion to EPA to make competitive grants to States, Tribal governments, municipalities, and other eligible recipients to provide subgrants, loans, or other forms of financial assistance, as well as technical assistance to deploy residential rooftop and residential-serving community solar projects in and benefiting low-income and disadvantaged communities.

<b>Funding:</b>	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
1002 Fed Rcpts	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000		\$100,000,000
<b>Total:</b>	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$0	\$100,000,000

<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:**

In the funding announcement EPA stated it intends to make up to 60 awards under this competition including one award to serve each of the 56 states and territories. AEA partnered with Alaska Housing Finance Corporation (AHFC) to submit a Notice of Intent (NOI) to apply for a \$100 million grant in this competition, which was the only NOI submitted for State of Alaska in the Solar for All competition for states. Funding allocations still need to be determined and estimated at \$20 million annually.

**Project Description/Justification:**

This project will enable AEA and AHFC to develop programs and deploy rooftop solar panels and community solar arrays to benefit low-income households and disadvantaged communities. Funding for this program may also be used for storage and building upgrades necessary to deploy and maximize the benefits of solar infrastructure. AEA and AHFC submitted an application in September 2023 requesting \$100 million in federal funding to develop programs that will serve up to 10,000 households in Alaska.

The EPA defines five meaningful benefits for the Solar for All program:

1. Household Savings: Delivering a minimum of 20 percent household savings to all households

served under the program, including households in multi-family, master-metered buildings; 20 percent household savings is defined as 20 percent of the average household electricity bill in the utility territory.

2. **Equitable Access to Solar:** Ensuring the program increases access to residential distributed solar generation in low-income and disadvantaged communities through financing products and project-deployment technical assistance, maximizing the breadth and diversity of the households that can benefit from solar.

3. **Resilience Benefits:** Increasing the resilience of the power grid by creating capacity that can deliver power to low-income and disadvantaged households and/or to critical facilities serving low-income and disadvantaged households during a grid outage.

4. **Community Ownership:** Facilitating ownership models that allow for low-income households and disadvantaged communities to access the additional economic benefits of asset ownership.

5. **Workforce Development and Entrepreneurship:** Investing in high-quality jobs and businesses in low-income and disadvantaged communities by supporting prevailing wages, investing in effective workforce training programs for underserved populations (e.g., pre- apprenticeship and registered apprenticeship programs), and prioritizing economic opportunities for women and minority-owned businesses and contractors.

EPA anticipates the start date for programs funded under this funding opportunity will be July 2024. All activities funded with the initial grant award must be completed within the negotiated program performance period of up to five years.