

**Koyuk Water System Heat Recovery**

**FY2019 Request: \$90,922**  
**Reference No: 61640**

**AP/AL:** Allocation  
**Category:** Development  
**Location:** Koyuk

**Project Type:** Energy  
**House District:** Bering Straits/Yukon Delta (HD 39)

**Impact House District:** Bering Straits/Yukon Delta (HD 39) **Contact:** John Springsteen

**Estimated Project Dates:** 07/01/2018 - 06/30/2023 **Contact Phone:** (907)771-3000

**Appropriation:** Alaska Energy Authority - Round IX Renewable Energy Project Grants (AS 42.45.045)

**Brief Summary and Statement of Need:**

The proposed project will take recovered heat from the existing Alaska Village Electric Cooperative (AVEC) power plant and use it to offset the heating oil consumption in City of Koyuk’s Water Treatment Plant / Washeteria. The heat recovery system is projected to save the Koyuk water system 11,971 gallons of heating oil per year. AEA recommends funding the design phase in order to identify cost saving opportunities and improve the economics of the overall project.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1210 Renew Ener	\$90,922						\$90,922
<b>Total:</b>	\$90,922	\$0	\$0	\$0	\$0	\$0	\$90,922

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
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	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**