

Alaska State Legislature
REPRESENTATIVE BRYCE EDGMON
House District 37

Adak
Akutan
Aleknagik
Atka
Attu Station
Chignik
Chuathbaluk
Clark's Point
Cold Bay
Crooked Creek
Dillingham
Egegik
Ekwok
False Pass
Igiugig
Iliamna
Ivanof Bay
Kalskag
King Cove
King Salmon
Kokhanok
Koliganek
Levelock
Lime Village
Manokotak
Naknek
Nanwalek
Nelson Lagoon
New Stuyahok
Newhalen
Nikolai
Nikolski
Nondalton
Pedro Bay
Perryville
Pilot Point
Platinum
Port Alsworth
Port Graham
Port Heiden
Portage Creek
Red Devil
Sand Point
Sleetmute
St. George
St. Paul
Stony River
Togiak
Twin Hills
Ugashik
Unalaska

Micheal S. Regan, Administrator
Environmental Protection Agency
William Jefferson Clinton Building North (WJC North)
1200 Pennsylvania Avenue N.W.
Washington, DC 20004

Re: Makushin Geothermal Project located in Unalaska

This correspondence is to express my strong support for the City of Unalaska's initiative to pursue a Climate Pollution Reduction Grant through the Environmental Protection Agency. It seeks \$125 million in funding for projects aimed at transitioning Unalaska to renewable energy sources, including wind and geothermal.

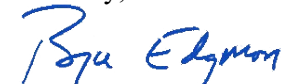
In 2019, Unalaska commissioned a wind power study that concluded the city could generate 5 MW of electricity from five wind turbines at a cost of \$39 million. Concurrently, the city signed a power purchase agreement to support the private development of geothermal power at Makushin Volcano. However, after four years of seeking project financing without success, the city declined an extension request for the power purchase agreement in February.

Instead, the City is now partnering with the Ounalashka Corporation and the Qawalangin Tribe to develop the geothermal project. Upgrades to the electric generation and distribution systems, which were delayed pending the delivery of geothermal power, are now imperative. Furthermore, discussions have commenced to form a power cooperative to increase resiliency and resources in the short term while transitioning away from diesel generation to eliminate harmful emissions such as NOx, PM10, and CO2. This will align Unalaska with global efforts to combat climate change and reduce environmental impacts.

Unalaska's project aims for zero-carbon-emission power generation to improve long-term environmental health and sustainability. Funding Unalaska's grant request will enable the characterization of the volcanic well field, badly needed to obtain project financing through grants, loans, and investments. Additionally, it will fund a 5 MW wind farm and a battery energy storage system to integrate these sources into Unalaska's power grid.

I express my full endorsement of the City of Unalaska's grant application to the CPRG EPA program. The funds are crucial to advancing the geothermal project, diversifying energy sources with wind power for increased security and resilience, mitigating environmental impacts, and adding economic benefits for Unalaska and Alaska at large.

Sincerely,



Representative Bryce Edgmon
District 37
Alaska State Legislature