

**For more information:**

- Many of the alternative energy components advertised by Alaska vendors are not actually stocked by them. Once purchased by the customer, they are ordered and shipped from out of state, causing many weeks of significant delays.
- Near the end of the project the Tribe learned that a solar tracker could improve the efficiency of the solar panels by a minimum of 20%. The solar tracker was ordered but took 10 long weeks to arrive. The solar panels were removed from the tribal building and installed on the tracker in late October.

**Lessons Learned:**

- In a years time, a 60% reduced dependence on conventional diesel generator power has been reached, resulting in fewer carbon emissions being generated and a huge cost savings.
- The project demonstrates the feasibility of alternative energy to local residents and neighboring communities.
- The solar panels and wind turbine help to make the village more sustainable.

**Benefits:**

- Project Objective:** The Native Village of Napaimute received a CEDP grant from ANTHC to purchase solar panels and a wind turbine to help improve the Tribes energy efficiency, reduce their dependence on diesel fuel, and to reduce emissions.
- Results:** Napaimute's crew, lead by Mark Leary, Director of Operations for the Tribe, hit the ground running as soon as they received the grant. Their equipment was researched, ordered, and for the most part, installed before the end of the first month. The project was a success and the benefits were apparent soon after the systems were operational.

# NATIVE VILLAGE OF NAIMUTE

## 2011 Wind & Solar Alternative Energy Project



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# \* PROJECT TIMELINE \*

## 2011 Community Environmental Demonstration Project

