



# Tagiugmiullu Nunamiullu Housing Authority (TNHA)

The TNHA is a regional housing authority located in Barrow, Alaska. Their goal was to build sustainable, affordable housing in six villages throughout northern Alaska's North Slope.

The North Slope in particular and rural Alaska in general, face extreme weather conditions that contribute to high energy prices, difficult water issues and costly transportation.

TNHA used "next generation technologies" that were developed in collaboration with the Cold Climate Housing Research Center.



They built 24 single-family homes in 6 rural villages.

The \$10 million project used several funding sources to build in the 6 villages:

- \$6.8 million - Title VI Loan from Wells Fargo Bank, NA

- \$1.5 million from Alaska State Housing Finance Corporation's Supplemental Grant
- \$1.7 million from IHBG and Non-Program Income Program



The 24 units have received a 6-star rating on BEES (Alaska Building Energy Efficiency Standard). The AKWARM software indicates the use of 140 gallons of heating fuel for the home which is much better than the average North Slope Borough usage of 1,200+ gallons annually, or 88% less fuel usage.