

Solar for Tyonek's Tribal Center

Tebughna Foundation's solar program is developing a decentralized solar and energy storage microgrid in Tyonek. We are planning the construction and installation of a 25-kW net-metered solar photovoltaic (PV) array and battery energy storage system at the Tyonek Tribal Center.

- Energy costs in Alaska can reach up to \$1.66 per kw
- 80% of the cities in Alaska aren't connected by roads
- Households in Alaska's rural and tribal communities, like Tyonek, spend 27% of their annual income on energy bills so they don't freeze in winter.
- Our Elders are forced to leave the homes and lands they spent their entire lives in, when their energy costs more than their social security income.
- Our subsistence way of living in balance with nature and our environment has been destroyed by the pollution in our lands and water.
- Tyonek ranks in the 76th percentile for low-income, 93rd percentile for low median income, 97th percentile for Poverty and Unemployment, and 99th percentile for High Energy Cost Burdens

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