



CARES Act: NTUA's Off Grid Solar Program



The Navajo Nation Office of the President and Vice President and the Navajo Nation Council have authorized the Navajo Tribal Utility Authority (NTUA) to buy and install 1000 3kW off-grid residential Solar units. The funding for this comes through the United States CARES Act.

NTUA will deliver and install the solar units for families who live a distance from the nearest electric utility lines. These particular residential solar

units are designed to supply power for lights and small appliances, including a refrigerator that will come with the unit.

These residential solar units are available for families living throughout the ENTIRE Navajo Nation, including all communities in eastern, western, northern, central, and Utah Navajo agencies. Tohajiilee, Alamo, and Ramah Navajo communities are also included, in addition to communities outside of the NTUA electric service area. These units are reserved for families who do not have electricity.

We are encouraging families to sign up for these units before they run out. There is a limited supply. This is a first-come, first served program. Contact NTUA at www.ntua.com, stop by your local NTUA District Office, or call 1-800-528-5011. After first contact, a NTUA District Office representative will follow-up and finalize the application process for solar unit placement.

KNOW OF A FAMILY WITHOUT ELECTRICITY?

If you have family, relatives, friends, or community members who do not have electricity - encourage them to stop by any NTUA District Office and ask about the **CARES Act Off Grid Residential Solar Program**. We need your help - before these units run out.

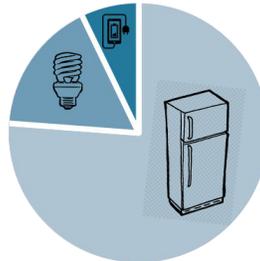
HOUSEHOLD ELECTRICITY USAGE

Off Grid Photovoltaic Systems are designed to only supply power for lights and a NTUA supplied refrigerator, any other appliance must be monitored to avoid draining the batteries.

680, 880 WATT



1080, 1800 WATT

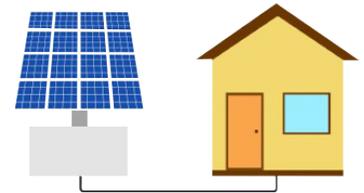


**Most energy from 680, 880 Photovoltaic Systems will power only lights. Most energy from 1080, 1800 can only power lights and a refrigerator.*

NTUA REQUIREMENTS:

- Home is without electricity
- Home is a distance from nearest powerline
- Temporary home will be considered

HOW DOES THE SOLAR UNIT WORK?



- The residential solar units convert sunlight into direct current that is then inverted to alternating current to provide electricity for household items. These stand-alone systems feed electricity to the home to power appliances like lights, and small items like coffee machines, etc.
- The solar unit is connected to battery storage unit that will store energy in case electricity is needed during the night. The Home must be wired before Off-Grid solar Unit Installation.
- Keep in mind that electricity produced from solar is limited. Almost all of the electricity produced will come from the solar panels charging a battery bank. Solar Panels produce efficient electricity when there is sunlight available (during the day). Conserve electricity during the day so there is available electricity to use during the nighttime.

NTUA will offer to do limited house-wiring if necessary