



What sectors use the most electricity in the Northern Mariana Islands?

The commercial sector, led by tourism, is typically the largest electricity-consuming sector in the Northern Mariana Islands. 47 CNMI hotels use electricity for air conditioning, water heating, water purification, and lighting.

What are the major industries in the Northern Mariana Islands?

The commercial sector, led by tourism, is typically the largest electricity-consuming sector in the Northern Mariana Islands. Commonwealth Utilities Corporation (CUC), a government corporation, provides electric power and drinking water on the populated islands of Saipan, Tinian, and Rota.

Does CNMI have electricity?

CNMI's electric utility generates electricity at five diesel-fueled power plants (three on Saipan and one each on Tinian and Rota) and the territory's entire population has access to electricity. In 2021, electricity prices in CNMI were 6% less than in 2019, but they were 2.5 times the U.S. average.

Does CNMI have a solar power plant on Saipan?

A large 20-megawatt solar photovoltaic (PV) facility on Saipan is in the preliminary stages of development. CNMI's electric utility generates electricity at five diesel-fueled power plants (three on Saipan and one each on Tinian and Rota) and the territory's entire population has access to electricity.

How much does CNMI charge per kilowatthour?

In February 2023, CNMI's fuel surcharge was about 28 cents per kilowatthour. The CNMI Office of Planning and Development has received proposals for several large solar energy projects in recent years. Currently, three sites for solar farms on the islands have been identified.

How big are the Northern Mariana Islands?

The Northern Mariana Islands are about 179 square miles in area, which is collectively about two-and-a-half times the size of Washington, DC. About two-thirds of the territory's land is forested and nearly 7% is used for agriculture, primarily cattle ranches and small farms.

# NORTHERN MARIANA ISLANDS

## MLD ENERGY



T1 - Commonwealth of the Northern Mariana Islands Strategic Energy Plan. AU - NREL, null. N1 - Produced under direction of the U.S. Department of the Interior Office of Insular Affairs by the ???



The Commonwealth of the Northern Mariana Islands (CNMI), situated in the Pacific's Philippine Sea, is home to 47,000 residents, with an economy that is heavily dependent on tourism. The energy landscape in CNMI is challenging given its near-total reliance on imported petroleum products for both electricity generation and transportation.



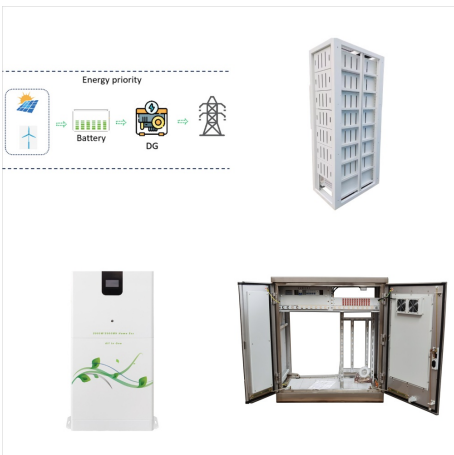
The Commonwealth of the Northern Mariana Islands (CNMI) meets nearly all of its energy needs with imported petroleum products. In 2021, refined petroleum products were CNMI's top import and accounted for 18% of the Commonwealth's total import costs that year.

# NORTHERN MARIANA ISLANDS

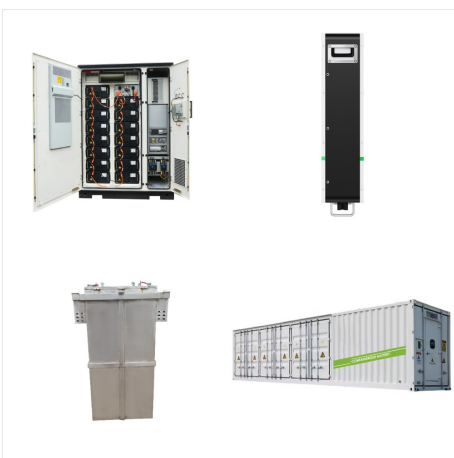
## MLD ENERGY



Northern Mariana Islands: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.



The Northern Mariana Islands are vulnerable to tropical storms including powerful typhoons and typically are hit by at least one typhoon each year. 43 In 2015, Saipan's power generation and distribution system was badly damaged by Typhoon Soudelor, which led to several months of power outages and disruptions of the public water supply and



Available energy strategies include policy changes, education and outreach, and expanding the use of a range of energy technologies, including renewable electricity production and buildings ???

# NORTHERN MARIANA ISLANDS

## MLD ENERGY



Available energy strategies include policy changes, education and outreach, and expanding the use of a range of energy technologies, including renewable electricity production and buildings energy efficiency and conservation."



Northern Mariana Islands U.S. Department of Energy Energy Snapshot Installed Capacity 104.5 MW RE Installed Capacity Share 2% Peak Demand (2019) 42.6 MW Total Generation (2019) 48 MWh Transmission and Distribution Losses 5.4% Electricity Access 100% (Total population) Average Electricity Rates (USD/kWh) Residential 1 ??? 350 kWh \$0.21 351