



# Power storage plant Northern Mariana Islands

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.

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.

How many power plants are there on Saipan?

There are three diesel-fueled power plants on Saipan that are operated by CUC. 40 power plants in total supply electricity to the Northern Mariana Islands, with one each on Tinian and Rota.

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.

Is a 20 megawatt solar power plant coming to Saipan?

A 20-megawatt solar photovoltaic (PV) facility is being built in Saipan and is scheduled to come online in 2025. 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 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.

It should be noted that CUC has very limited local fuel storage capabilities for power generation: 18 days of supply for Saipan, 28 days on Rota, and 33 days on Tinian.

o Planned power pole replacements on Tinian and Rota (design phase completed)  
o Planned underground power distribution to the Saipan hospital complex for security and resilience ...

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This Strategic Energy Plan (SEP) update provides a road map for the Commonwealth of the Northern Mariana Islands (CNMI) to implement cost-effective energy management solutions, ...

This Strategic Energy Plan (SEP) update provides a road map for the Commonwealth of the Northern Mariana Islands (CNMI) to implement cost-effective energy management solutions, including efficiency/optimization

Northern Mariana Islands Territorial Climate and Infrastructure Workshop Multi-Source and Renewable Power Supply System Development Commonwealth Utilities Corporation March 2022

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Northern Mariana Islands Quick Facts. 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.

o Planned power pole replacements on Tinian and Rota (design phase completed) o Planned underground power distribution to the Saipan hospital complex for security and resilience (design phase completed) o Planned 1.2 MW solar plus storage system for the new CUC corporate offices.

67 Commonwealth Utilities Corporation, Commonwealth of the Northern Mariana Islands, Territorial Climate and Infrastructure Workshop, Multi-Source and Renewable Power Supply System Development (March 2022).

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