



# POHNPEI UTILITIES CORPORATION

POHNPEI STATE, FEDERATED STATES OF MICRONESIA

# OVERVIEW

**Pohnpei Utilities Corporation(PUC)** is a public corporation of the Pohnpei State government and the primary provider of power, water and sewer services in the island. It is under the governance of a seven member Board of Directors that was appointed by the Governor and approved by the Legislature of Pohnpei State, which has oversight functions over operations of power, water and sewer utility services. The General Manager oversees the overall operations of PUC.



# IMPACT OF COVID19

- Cancellation of 30th PPA Conference and Trade Show
- There is minimal impact on revenue for PUC
- PUC project delays due to travel restriction of expatriate experts
- Challenges of online communications
- Procurement delays

Current in bound passenger requirements

- Copy of Passport Biopage
- COVID19 Test result no more than three (3) days prior to departure for Pohnpei.
- Certificate for quarantine before departure to Pohnpei
- 7 days quarantine in Guam + negative test
- 7 days quarantine in Pohnpei (MMA) + negative test

# PUC GENERATION PROFILE

## DIESEL GENERATOR:

PUC OWNED

CATERPILLAR, 2000 kW HIGH SPEED UNITS - - - - 5 units

CATERPILLAR, 545 kW HIGH SPEED UNITS - - - - 2 unit

IPP-VOLVO, 550 kW HIGH SPEED UNITS- - - - - 4 units

## HYDRO STATION:

NANPIL HYDRO - - - - - 725 KW

## SOLAR GENERATION:

UAE SOLAR FARM - - - - - 600 kW<sub>p</sub>

MFAT SOLAR FAMR- - - - - 274 kW<sub>p</sub>

IPP KSEL SOLAR FARM - - - - - 2000 kW<sub>p</sub> + 2000 BESS

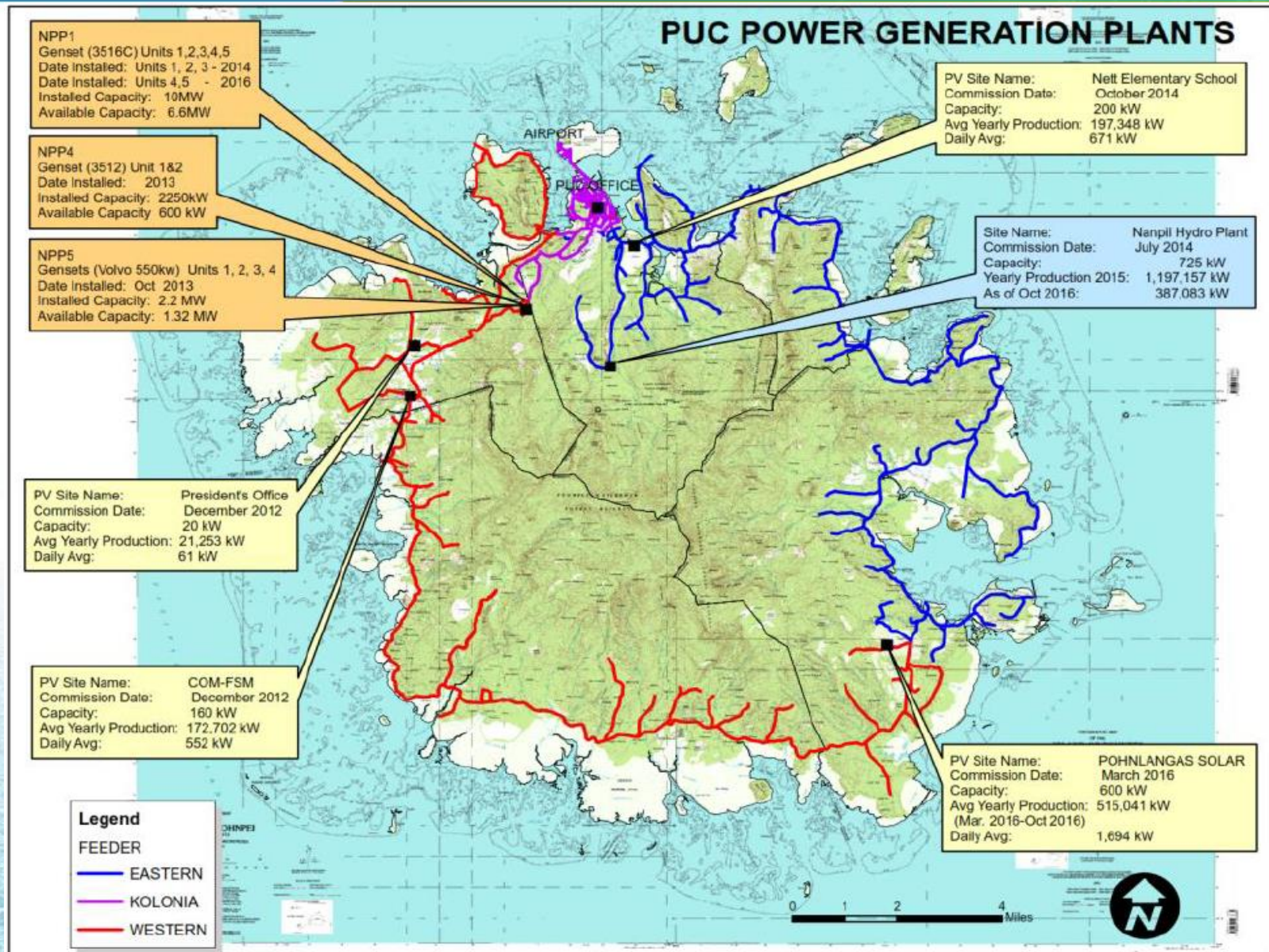
NETT SCHOOL SOLAR ROOFTOP - - - - - 200 kW<sub>p</sub>

COM SOLAR ROOFTOP - - - - - 160 kW<sub>p</sub>

CAPITOL SOLAR ROOFTOP - - - - - 20 kW<sub>p</sub>



# PLANT LOCATION & FEEDERS





- **REFURBISHMENT OF THE PUC POWER STATION**

To refurbish PUC diesel power station to improve the reliability of supply of electricity to the people of Pohnpei State.

- **POWER DISTRIBUTION PROJECT**

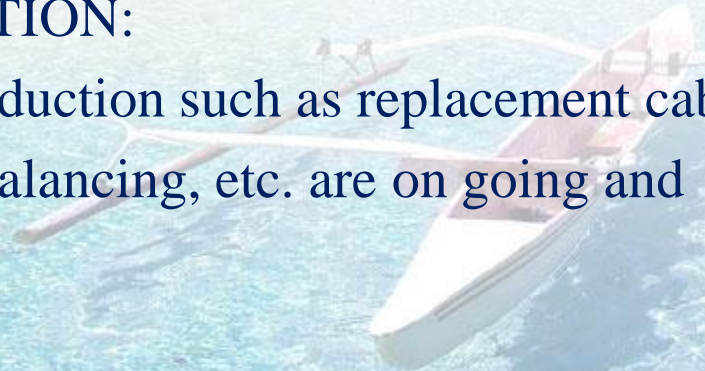
Grid Enhancement - The primary distribution lines across the island needs refurbishment due to dilapidation of the assets

Grid Automation

replacing all line switches and old reclosers by deployment of new generation of automatic reclosers and switches.

- **SYSTEM LOSSES REDUCTION:**

PUC technical losses reduction such as replacement cables, transformers and load balancing, etc. are on going and continuing activities





# POHNLANGAS SOLAR FARMS SITE

