



Palau Energy Administration

Introduction of Renewable Energy/Energy Saving Projects in Island Countries

Japan and Palau: JCM Partnership Beyond 2025 and Pathway to 2050

???How to get technology on island???



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Mission:

Organize Palau's Energy sector
in order to promote **energy**
security and diversity of
affordable energy in Palau.



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Regulations for the energy sector using:

Palau National Energy Policy (NEP) of 2010 will be continuously developed and updated by Energy Administration to advance regional efforts of Pacific Island to become energy-secure and develop sustainable sources of clean and affordable energy.

The NEP and IRENA Road Map is the beginning of, a Comprehensive National Framework to improve energy security by diversifying supply of energy for Palau.



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Regulations for the energy sector using:

Along with NEP and Road Map, we also need to develop policies and procedures to incorporate the United Nations Framework Convention on Climate Change (UNFCCC).

Review and Implement Framework for Action on Energy Security in the Pacific 2021-2030 (FAESP) and the Pacific Islands Framework for Action on Climate Change (PIFACC).

All relevant information will be added to NEP



Current Renewable status in Palau

1. Up to 3.2 MW of rooftop systems (NDBP and JCM program) under the net metering process.
2. JCM projects: 4 existing projects with 9 Rooftop Solar with (1400kW / 1.4MW)
3. A JCM project of 1 MW of solar just completed at end of 2021 (waiting for confirmation)



Business projects:

1. PIDC (Store) **101.4kW** (2016)
2. WCTC (Ace Hardware) **220kW** (2014)
3. WCTC (Warehouse) **263.64kW** (2016)
4. WCTC (Desekel) **80kW** (2016)
5. WCTC (Store) **351.48kW** (2020)
6. West Plaza (Hotel) **75.98kW** (2020)
7. Surangel (Store) **150kW** (2014)

*"1, 3 & 4", "2 & 7", "5 & 6" were each bundled in one JCM project.

Review: Surangel **1 MW** (2021)



School projects:

1. PMA HS **103.3kW** (2016)
2. SDA (Gym) **51.6kW** (2016)

*1 & 2 were bundled in one JCM project.



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Possible considerations to improve effectiveness of JCM

1. Percentage of financial support for projects that use same technology
2. Credit mechanism process



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Possible Future RE technology

1. Green Hydrogen
2. Wind
3. Hydrogen Fuel Cell Transportation
4. Current/Wave technology
5. OTEC and by products



Thank you

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