



Population and Economy

Population Size **77,917**

Total Area Size **180Sq. Kilometers**

Total GDP **\$2.2 Million**

Gross National Income (GNI) per Capita **\$4,860**

Share of GDP Spent on Imports **85.3%**

Urban Population Percentage **77.8%**

Electricity Sector Overview

Installed Capacity **30 MW**

RE Installed Capacity Share **6.7%**

Peak Demand (2019)

- Majuro **9.8 MW**
- Jaluit **0.1 MW**
- Wotje **0.1 MW**
- Rongrong **0.015 MW**
- Ebeye **2.8 MW**
- Kili **0.75 MW**

Total Generation (2019) **80.1 GWh**

Transmission and Distribution Losses **26.2%**

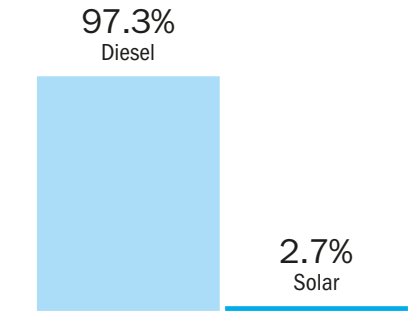
Electricity Access

- Total population **95%**
- Urban population **96%**
- Rural population **92%**

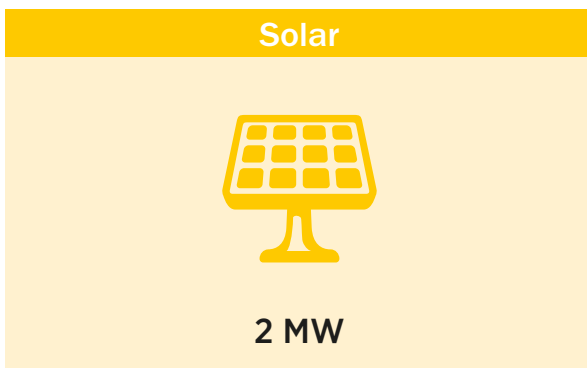
Average Electricity Rates (USD/kWh)

- Residential **\$0.346**
- Commercial **\$0.406**
- Government **\$0.416**
- Lifeline for consumption less than 500 kWh per month **\$0.326**
- Outer Island Solar Home System **\$5.00/month**

Electricity Generation Mix



Renewable Energy Status



Targets

Renewable Energy Generation

100% by 2050

Energy Efficiency

20% Reduction in energy use by 2030

<https://islands.irena.org/-/media/Files/IRENA/Sids/NavigatingourEnergyFutureMarshallIslandsElectricityRoadmapDecem.ashx>

Existing Policy and Regulatory Framework

Renewable Energy

Feed-in Tariff

Net Metering and Billing

Interconnection Standards

Energy Access (Electrification Rate)

Renewable Portfolio Standard

Tax Credits

Tax Reduction or Exemption ●

Public Loans or Grants ○

Auctions or Reverse Auctions

Green Public Procurement

Energy Storage

Energy Efficiency

Energy Efficiency Standards

Tax Credits

Tax Reduction or Exemption ●

Public Demonstration

Restrictions on Incandescent Bulbs ○

Appliance Labeling Standards ●

Minimum Energy Performance Standards

Building Codes ○

Green Building Certification Program

EE Loan Programs ●

Rebates

Targets

Renewable Energy ●

Energy Efficiency ●

Transportation

● In Place ○ Proposed



Government and Utility

Government Institution for Energy

Ministry of Resources and Development

<http://www.rmimrd.com/>

National Energy Office

https://rmiparliament.org/cms/images/LEGISLATION/PRINCIPAL/2018/2018-0093/NationalEnergyOfficeAct2018_1.pdf

Utility(s)

Marshalls Energy Company

<https://mecrmi.com/>

Kwajalein Atoll Joint Utilities Resources (Ebeye Community)

<http://kajur.net/>



Energy Security and Resilience

Disaster Management

Republic of the Marshall Islands Disaster Management Reference Handbook

https://reliefweb.int/sites/reliefweb.int/files/resources/disaster-mgmt-ref-hdbk-rmi_0.pdf

Climate Change

Republic of the Marshall Islands National Climate Change Policy Framework

https://www.sprep.org/attachments/Climate_Change/RMI_NCCP.pdf

Marshall Islands Electricity Roadmap

<https://islands.irena.org/-/media/Files/IRENA/Sids/NavigatingourEnergyFutureMarshallIslandsElectricityRoadmapDecem.ashx>

National Energy Policy

Republic of the Marshall Islands National Energy Policy and Energy Action Plan

http://prdrse4all.spc.int/sites/default/files/neap_rmi_endorsed_2016.pdf

Readiness

The Republic of Marshall Islands Renewable Readiness Assessment

https://www.irena.org/-/media/Files/IRENA/Agency/Publication/2015/IRENA_RRA_Marshall-Islands_2015.pdf

This document was developed by the National Renewable Energy Laboratory. The information included in this document is for general information purposes only. While reasonable attempts were made to provide accurate data, this document was prepared using data from multiple sources, including public sources.