Marshall Islands
Energy Snapshot

Population and Economy

Population Size 77,917

Total Area Size 180 Sq. Kilometers

Total GDP $2.2 Million

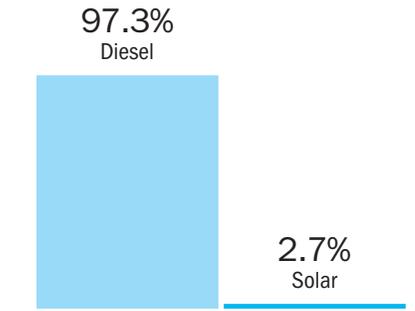**Gross National Income (GNI) per Capita** $4,860

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 consupmtion less than 500 kWh per month $0.326
Outer Island Solar Home System $5.00/month

Electricity Generation Mix

97.3% Diesel

2.7% Solar

Renewable Energy Status

Solar

2 MW

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/
NavigatingourEnergyFutureMarshallIslands
ElectricityRoadmapDecem.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*

ENERGY TRANSITIONS INITIATIVE

U.S. Department of Energy