

Population and Economy



Population Size **55,465**

Total Area Size **224 Sq. Kilometers**

Total GDP **\$636 Million**

GDP per Capita **\$11,200**

Share of GDP Spent on Imports **99.4%** Fuel Imports **6.6%**

Urban Population Percentage **87.2%**

Electricity Sector Overview

Installed Capacity **42.2 MW**

RE Installed Capacity Share **13%**

Peak Demand (2019) **23.4 MW**

Total Generation (2019) **169.4 GWh**

Electricity Access

Total population **59%**

Urban population **60%**

Rural population **45%**

Average Electricity Rates (USD/kWh)

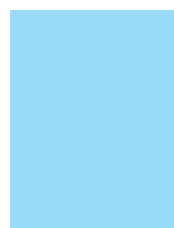
Residential **\$0.325**

Commercial **\$0.28**

Industrial **\$0.31**

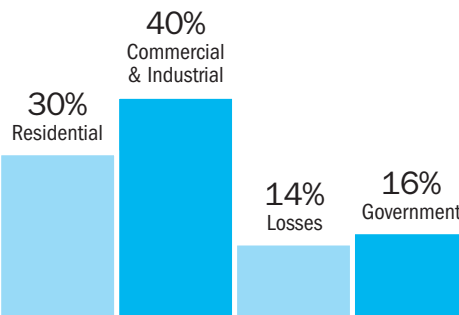
Electricity Generation Mix

97%
Fossil Fuel
(Primarily Diesel)



3%
Solar

Electricity Consumption by Sector*



*Values are approximate.

Renewable Energy Status

Solar



5.38 MW

Targets

Renewable Energy Generation



50% by 2025 **100%** by 2040

<https://www.eia.gov/state/?sid=AQ>

Existing Policy and Regulatory Framework



Renewable Energy

Feed-in Tariff ●

Net Metering ●

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

Energy Office, American Samoa Government

<https://www.americansamoa.gov/territorial-energy-office>

Designated Institution for RE & EE

American Samoa Renewable Energy Committee

<https://www.asrec.net/>

Utility(s)

American Samoa Power Authority

<https://www.aspower.com/>



Energy Security and Resilience

Energy Plan

American Samoa Energy Action Plan

<https://www.nrel.gov/docs/fy16osti/67091.pdf>

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