



Population and Economy

Population Size **3.2 Million**

Total Area Size **8,959 Sq. Kilometers**

Total GDP **\$101.13 Billion**

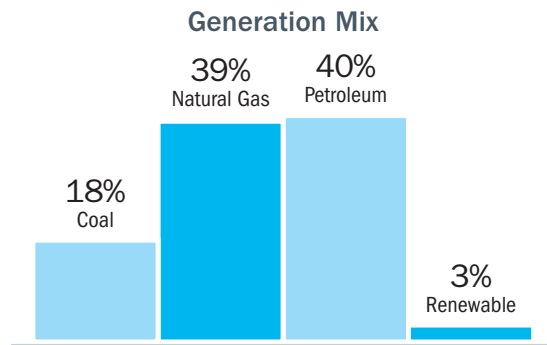
Gross National Income (GNI) Per Capita **\$26,610**

Share of GDP Spent on Imports **46%** Electricity **3.5%**

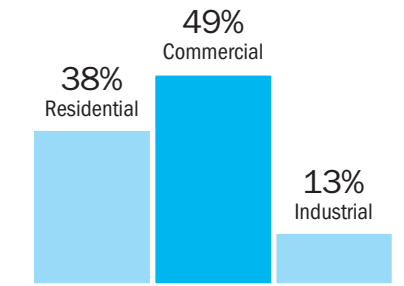
Urban Population Percentage **93.6%**

Electricity Sector Overview





Installed Capacity 5,839 MW
RE Installed Capacity Share 2%
Peak Demand 2866 MW
Total Generation 18,886 MWh
Transmission and Distribution Losses 14% Technical 8% Non-Technical 6%
Electricity Access 100% (Total Population)
Average Electricity Rates (USD/kWh) Residential \$0.215 Commercial \$0.228 Industrial \$0.1996



Energy Consumption by Sector



Renewable Energy Status

Biomass (landfill gas)  4.8 MW	Hydropower  34 MW
Solar  147.1 MW	Wind  121 MW

Targets

Renewable Energy Generation

 **40%** by 2025 **60%** by 2040 **100%** by 2050

Energy Efficiency*

 **Reduce 30%** of energy use by 2040

*100% of public lighting to be LED or renewable energy powered by 2030.

<https://aeepr.com/es-pr/QuienesSomos/Ley17/A-17-2019%20PS%201121%20Politica%20Publica%20Energetica.pdf>

Existing Policy and Regulatory Framework

<https://programs.dsireusa.org/system/program?state=PR>

Renewable Energy

- Feed-in Tariff
- Net Metering ●
- Interconnection Standards ●
- Renewables Portfolio Standard and Quotas for Set Asides ●
- 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

Puerto Rico Department of Economic Development and Commerce

<https://www.ddec.pr.gov>

Regulatory Entities

Puerto Rico Energy Bureau

<http://energia.pr.gov/en>

Utility(s)

Puerto Rico Electric Power Authority

<https://aeepr.com/en-us>

Government Institution for Disasters

United States FEMA

<https://www.fema.gov>



Energy Security and Resilience

Infrastructure and Protection Plan

United States Infrastructure Protection Plan under the Department of Homeland Security

<https://www.cisa.gov/national-infrastructure-protection-plan>

Integrated Resource Plan (IRP)

Puerto Rico Integrated Resource Plan 2019

<https://aeepr.com/es-pr/QuienesSomos/Paginas/ley57/Plan-Integrado-de-Recursos.aspx>

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