



## Population and Economy



Population Size **575,991**

Total Area Size **163,820 Sq. Kilometers**

Total GDP **\$3.6 Billion**

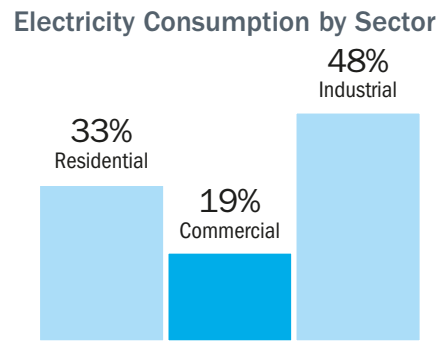
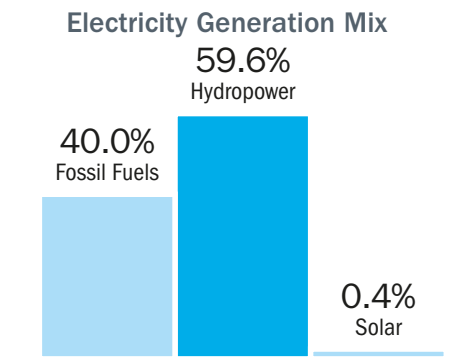
Gross National Income (GNI) per Capita **\$5,210**

Share of GDP Spent on Imports **44%** Fuel Imports **4%**

Urban Population Percentage **66%**

## Electricity Sector Overview

Installed Capacity <b>503.4 MW</b>
RE Installed Capacity Share <b>36%</b>
Peak Demand (2018) <b>215.4 MW</b>
Total Generation (2017) <b>328.5 GWh</b>
Transmission and Distribution Losses <b>12%</b>
Electricity Access <b>97%</b> (Total Population) Urban Population <b>100%</b> Rural Population <b>91%</b>
Average Electricity Rates (USD/kWh) Residential <b>\$0.04</b> Commercial <b>\$0.07</b> Industrial <b>\$0.07</b> Lighting <b>\$0.05</b>



## Renewable Energy Status

Hydropower	Biomass	Solar
<b>180 MW</b>	<b>2 MW</b>	<b>7 MW</b>

## Targets

### Renewable Energy Generation



Maintain the share of electricity from renewable sources above **35%** by 2030

<https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Suriname%20Second/Suriname%20Second%20NDC.pdf>

## 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 Institutions for Energy

Ministry of Natural Resources

<http://naturalresources.gov.sr/>

Government Institutions for Disasters

National Coordination Center for Disaster Management

[https://www.preventionweb.net/files/53917\\_53917finalcountryreportsuriname.pdf](https://www.preventionweb.net/files/53917_53917finalcountryreportsuriname.pdf)

Utility(s)

NV Energie Bedrijven Suriname

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



## Energy Security and Resilience

Infrastructure and Protection Plan

National Climate Change Policy, Strategy, and Action Plan for Suriname, 2014-2021

<http://dms.caribbeanclimate.bz/M-Files/openfile.aspx?objecttype=0&docid=6508>

Renewable Energy Integration

Development of Renewable Energy, Energy Efficiency, and Electrification of Suriname

<http://idbdocs.iadb.org/wsdocs/getdocument.aspx?docnum=37033449>

Electricity Act

Suriname Electricity Act 2016

<https://www.nvebs.com/wp-content/uploads/2016/03/Elektriciteitswet-2016-zaals-goedgekeurd-door-DNA-dd-1-maart-2016.pdf>

This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. 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.