



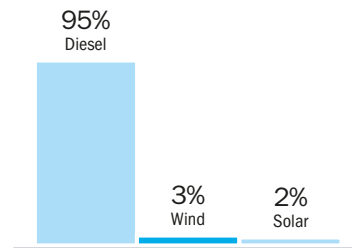
Population and Economy

Population Size **52,441** Gross National Income (GNI) Per Capita **\$18,340**
 Total Area Size **260 Sq. Kilometers** Share of GDP Spent on Imports **58.8%** Fuel Imports **<1%**
 Total GDP **\$1.01 Billion** Urban Population Percentage **30.8%**

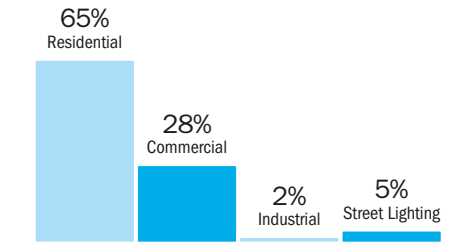
Electricity Sector Overview

Installed Capacity 66 MW St. Kitts 45.4 MW Nevis 20.6 MW
RE Installed Capacity Share 5.6%
Peak Demand (2019) 35 MW St. Kitts 26 MW Nevis 9.5 MW
Total Generation (2019) 234.5 MWh St. Kitts 174.1 MWh Nevis 60.4 MWh
Transmission and Distribution Losses 20%
Electricity Access 100% (total population)
Average Electricity Rates (USD/kWh) Residential \$0.26 Small Commercial \$0.28 Large Commercial \$0.28 Industrial \$0.28 Public Streetlights \$0.24

Electricity Generation Mix



Electricity Consumption by Sector

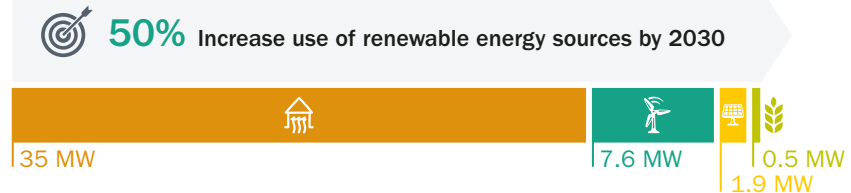


Renewable Energy Status

Solar	Wind
1.5 MW	2.2 MW

Targets (Nationally Determined Contributions)

Renewable Energy Use



Energy Efficiency

5% reduction of energy consumption by 2030




<https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Saint%20Kitts%20and%20Nevis%20First/St.%20Kitts%20and%20Nevis%20INDC.pdf>

Transportation

5% reduction in fuel consumption by 2030

Existing Policy and Regulatory Framework

<http://www.oas.org/en/sedi/dsd/Energy/Doc/NationalEnergyPolicyStKittsandNevis.pdf>

 Renewable Energy	Feed-in Tariff
	Net Metering
	Interconnection Standards ○
	Energy Access (Electrification Rate) ●
	Renewable 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

Ministry of Public Infrastructure, Posts, Urban Development & Transport

<https://www.gov.kn/>

Utility(s)

St. Kitts Electricity Company Ltd. (SKELEC, Private)

<https://www.skelec.kn/>

Nevis Electricity Company Ltd. (NEVLEC, Public-Private)

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



Energy Security and Resilience

Energy Policy (2011)

http://www.oas.org/en/sedi/dsd/Energy/doc/LCCC_Report.pdf

Integrated Resource Plan (IRP)

http://www.nevlec.com/pdf/SKN_IRP_PublicStakeholderSession_20170126.pdf

Energy Resilience Funding

<http://www.thinkgeoenergy.com/st-kitts-and-nevis-receives-european-financial-support-for-renewable-energy-efforts/>

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.