



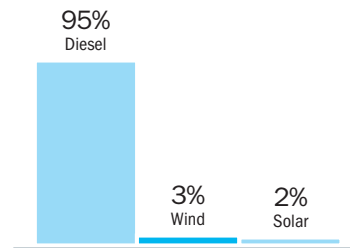
## Population and Economy

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%**

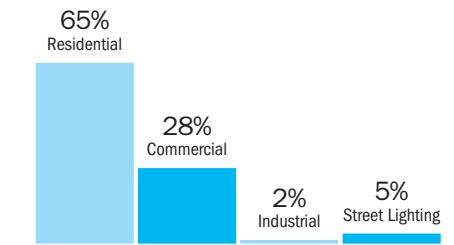
## Electricity Sector Overview

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

### Electricity Generation Mix



### Electricity Consumption by Sector

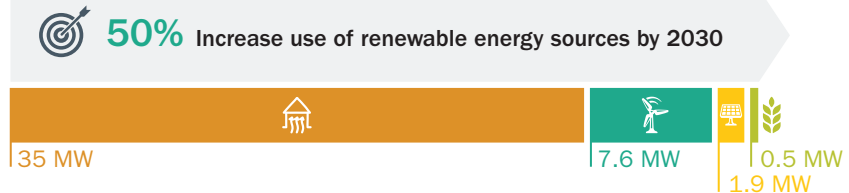


## Renewable Energy Status

Solar	Wind
<b>1.5 MW</b>	<b>2.2 MW</b>

## 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>

 <b>Renewable Energy</b>	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	
 <b>Energy Efficiency</b>	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	
 <b>Targets</b>	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](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](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/>

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