

Singapore is heavily dependent on imports of fossil fuels to meet its energy needs. Today, more than 90% of Singapore's electricity is produced from imported natural gas, impacting the country's energy security score. Nevertheless, solar energy in Singapore has accelerated over the past few years. The installed capacity of grid-connected solar photovoltaic systems has increased significantly from 25.5 MW in 2014 to 46.0 MW in $2015 \ \mathrm{and} \ 156 \ \mathrm{MW}$ by the end of the last quarter of 2018.Another significant change is the recent liberalisation of the Singapore electricity market. Since last year, households and businesses can choose to buy electricity from a retailer at a rate plan tailored to their needs, or continue to purchase electricity from the SP Group at the regulated rate.

The country has been investing heavily in R&D projects, particularly in the electricity grid infrastructure. The country has recently launched a Grid 2.0 initiative, that would consolidate the country's gas, solar and thermal energy into a single intelligent network. The government is committing about S\$1 billion (USD 0.724 billion) from the National Research Foundation into this initiative to address Singapore's future energy challenges.

Key metrics	Metrics are determined relative to other countries, with the top performer receiving a full bar.	
	2019 Performance	Trend 2010-19
Energy security •		
Import dependence		
Diversity of electricity generation	_	
Energy storage		▼
Energy equity •		
Access to electricity		>
Electricity prices		
Gasoline and diesel prices		— •
Environmental sustainability		
Final energy intensity		
Low carbon electricity generation	•	
CO2 emissions per capita		
Country context •		
Macroeconomic stability		
Effectiveness of government		
Innovation capability		