

POWERING SINGAPORE'S NEXT ENERGY CHAPTER

Strengthening our energy infrastructure to meet Singapore's future electricity needs.

 **ELECTRICITY
DEMAND
IS GROWING.**

9.9–13GW

PROJECTED PEAK DEMAND BY 2031

DRIVEN BY



ECONOMIC GROWTH,
SEMICONDUCTOR
INDUSTRIES,
DATA CENTRES



TRANSPORT
ELECTRIFICATION

WE ARE EXPANDING OUR ENERGY INFRASTRUCTURE IN SIX AREAS

1 POWER GENERATION

More capacity for a growing Singapore



TODAY

>20 | **~12GW**
gas-fired plants | total capacity

BY 2031

+5 | **~26%**
new power plants | more capacity

BEYOND

More plantings in 2032 and beyond | Potential Tekong Energy Cluster

2 NATURAL GAS INFRASTRUCTURE

Greater energy security for the future



TODAY

~95%
of electricity comes from natural gas

BY 2030

+50% | **2nd**
LNG regasification capacity | LNG terminal

BEYOND

Potential expansion of 1st LNG terminal | Gas infrastructure on potential Tekong Energy Cluster

3 POWER GRID

A stronger, more resilient grid network



TODAY

~7,700km | **~50km**
transmission cables | cable tunnels

BY 2031 **NEW**

~9,100km | **+7**
(by 2030) | transmission substations

BEYOND

Further expansion supported by potential tripling of length of cable tunnels

4 SOLAR CAPACITY

Maximising Singapore's solar potential



TODAY

~2.3GWp
solar capacity

BY 2030

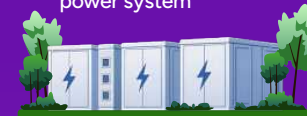
3GWp
solar capacity

BEYOND **NEW**

4GWp by 2035

5 ENERGY STORAGE

Supporting a more flexible and resilient power system



TODAY

~350MWh
energy storage capacity

BY 2030 **NEW**

Just over
1GWh

BEYOND

Wider deployment of energy storage

6 ELECTRICITY IMPORTS

Accessing regional low-carbon electricity



TODAY

Up to 1GW
Through existing Singapore-Malaysia interconnector

BY 2030

Landing sites for regional interconnections, including a potential second interconnector supporting up to 2GW capacity

BEYOND

Potential additional onshore infrastructure as electricity imports grow

Building a reliable, resilient power system for Singapore's future.

Information as of October 2026