

# The big energy transition

Demand growth is actively managed and end user consumption is optimised

- More actively managed.
- End users are more empowered and self-sufficient in managing demand.
- More differentiated energy services to optimise system needs and deliver savings.

2050 SUPPLY

Supply mix is decarbonised as technologies develop, allowing the power sector to hit net-zero emissions by 2050

- More solar power.
- More connections to the region and international supply chains for Singapore to import electrons and energy fuels.
- More diverse low-carbon alternatives whenever they are technically and commercially viable.

2050 DEMAND

2050 GRID



Grid is set up with advanced infrastructure and technologies

- More intelligent as grid harnesses smart control and communications technologies for advanced analytics and instantaneous and autonomous decision-making for planning and operations.
- More flexible in infrastructure and operations and is able to pivot across different pathways to support changing needs.
- More decentralised with advanced control and communication systems to effectively coordinate DERs.