

ElectraNet is a specialist in electricity transmission, providing energy and infrastructure solutions across Australia.

We power people's lives by delivering safe, affordable and reliable solutions to power homes, businesses and the economy.

ElectraNet owns and operates over \$2.5 billion of highvoltage electricity transmission assets and has one of the highest network reliability levels in Australia.

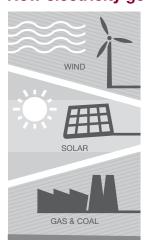
Our business includes South Australia's regulated transmission network. This network moves electricity

Our network safely transports electricity over long distances to metropolitan, regional and remote areas. It is made up of over 5,600 route kilometres of transmission lines that operate at voltages of 275 kV, 132 kV and 66 kV, approximately 30kms of underground 275 kV cable, as well as 91 high-voltage substations with modern centralised monitoring, control and switching facilities.

from traditional and renewable power generators in South Australia and interstate, to where it is needed.

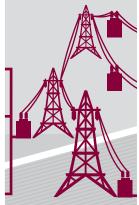
We are planning for the future – preparing the network for the changing way that electricity will be generated and consumed.

How electricity gets to you



GENERATION

Electricity is generated from traditional and renewable energy sources such as wind, solar, gas and coal.



TRANSMISSION

Electricity enters ElectraNet's network where it is converted to higher voltages, for efficient longdistance transport to cities and towns around South Australia. The voltage is then lowered so it can enter the distribution network or be supplied directly to some large industrial customers



DISTRIBUTION

The distribution network. operated in South Australia bv SA Power Networks. transports low-voltage electricity to residential and commercial customers.



RETAIL

Retailers are the primary point commercial customers. They coordinate connections and manage billing and payments.



CONSUMERS

The traditional flow of electricity supply is changing. Around one in five South Australian homes now combines the electricity they draw from the network with power generated by rooftop solar panels, and also contributes surplus electricity back to the network