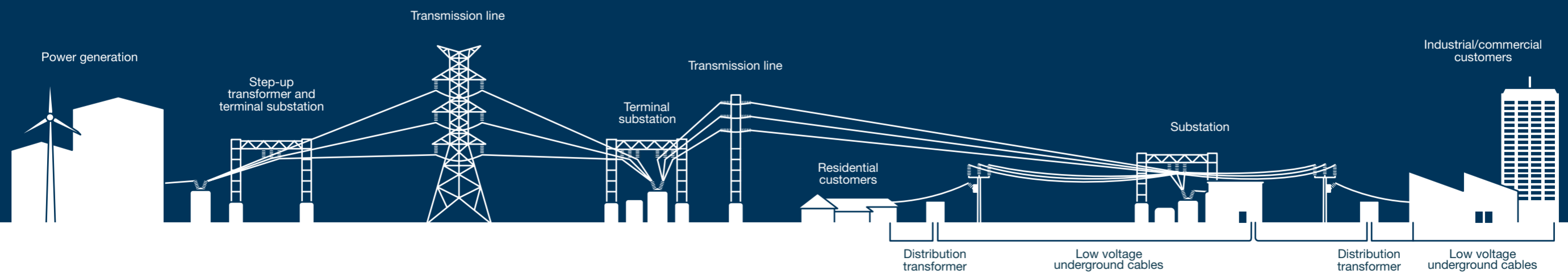


South West Interconnected System - transmission network



Transmission powerlines — 330 kV — 220 kV — 132 kV — 66 kV



How is power distributed?

Generators create electricity at power stations owned by energy companies and supply this electricity to transformers. Transformers convert the electricity from low to high voltage for efficient transport using the transmission system. A substation converts the high voltage electricity to a lower voltage for transport via distribution lines to properties (residential and businesses). Western Power is responsible for the 'poles and wires', and underground power infrastructure. Retailers purchase energy from energy companies and sell this to customers in the South West Interconnected System.

Distribution lines

In addition to the transmission lines in the South West Interconnected System, a network of distribution lines (not shown) supplies power to more than 840,000 properties (residential and businesses) and 150,000 streetlights.

