

1. GENERATION

Generation companies generate power from:

- Wind
- Thermal
- Hydro
- Geothermal

They sell the power they generate on the electricity market.

2. TRANSMISSION

Transpower transports high voltage power from where it is generated to distribution companies and some large directly connected customers. It also coordinates the power system in real time.

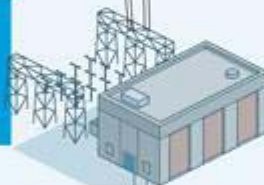
3. INDUSTRIAL COMPANIES

A few major industrial companies receive their power directly from Transpower.



4. SUBSTATIONS

Substations reduce the voltage at the point where electricity is delivered to distribution companies – Transpower's customers.



5. DISTRIBUTION

The power is transformed into lower voltages at Transpower substations and transported by distribution companies to homes and businesses throughout New Zealand.

7. DOMESTIC USERS (HOUSES)

Domestic users receive their electricity directly from retail companies, which deliver power to homes using distribution companies' lines.



6. RETAIL

Retailers buy power on the electricity market, package it together with the other costs of delivering power (transmission and distribution), and on-sell it to consumers.