

## Manawatu and Tararua

Palmerston North is the economic hub and main population centre of this area. The city has had steady growth throughout the past decade and that is expected to continue.

Historical growth has stretched existing infrastructure to the limit and additional capacity is required to restore appropriate security levels, particularly in the CBD. The region has generation as a focus with two local wind farms feeding into the network.

The area comprises towns such as Feilding, and smaller inland and coastal settlements which are mostly rural. Primary production, such as dairying, is significant to the local economy,

although less so than in other Powerco-supplied areas.

Demand for electricity from rural customers is static, other than in areas where irrigation systems may be developed.

The Manawatu and Tararua areas have high numbers of assets reaching end of life, and focused investment is required to ensure appropriate safety and performance outcomes.

Powerco plans to spend about \$40 million on growth and security projects in this area during a five year period starting 1 April 2018. As part of the renewal programme it plans to spend \$70 million including the replacement of 120km of overhead line and 2,700 poles.

Bigger power transformers will be installed at our Feilding substation

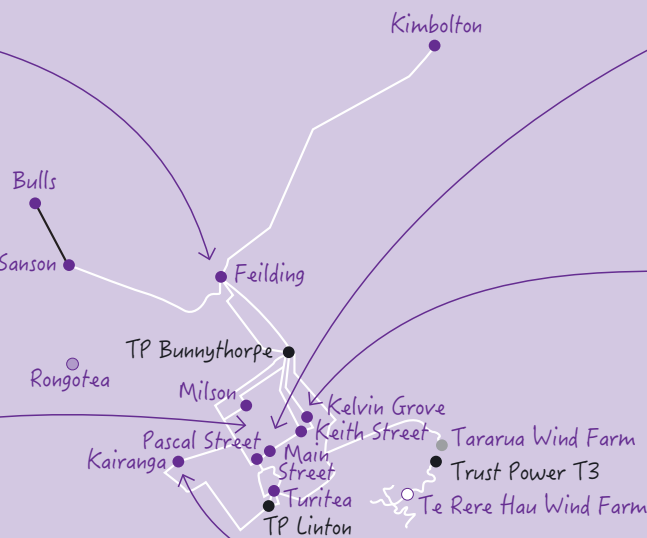
Bigger power transformers will be installed at our Sanson substation

Palmerston North CBD reinforcement. Several upgrade projects to improve security

New substation at Ferguson Street

Bigger power transformers will be installed at our Kelvin Grove substation

Bigger power transformers will be installed at our Kairanga substation



- Powerco Zone Substation
- Powerco Switching Station
- New Substation
- Private Generation
- Transpower Grid Exit Point
- Powerco High Voltage Network
- New Line

2016 customer connections = 56,806

### Tararua

