

New Bardowie 33/11 kV Zone Substation

- Constraint: Proposed customer upgrade in the Hautapu industrial area to increase load by approx. 9MW, which exceeds the capacity of the existing cables.
- Solution: new N-1 Bardowie zone substation to augment the supply for the Hautapu industrial area.
- FY29 - FY31, \$10.3m
- Not currently contracted.
- Delivery likely to be via non-related parties.

New Forrest Road - Bardowie 33kV Circuits

- Constraint: Proposed customer upgrade in the Hautapu industrial area to increase load by approx. 9MW which exceeds the capacity of the existing cable.
- Solution: new N-1 33 kV circuits initially operating at 11kV and later supply the Bardowie zone substation
- FY28 - FY29, \$4.9m
- Not currently contracted.
- Delivery method will be determined closer to the time.

New Forrest Road - Leamington 33kV Circuits

- Constraint: Load growth in the Leamington area and forecast feeder overloads.
- Solution: new N-1 33kV circuits from Forrest road zone substation - Leamington zone substation to supply the new zone substation at Leamington. The circuit will be operating at 11kV until the Leamington zone substation is built.
- FY26 - FY28, \$7.2m
- Not currently contracted.
- Delivery method will be determined closer to the time.

New Leamington 33/11kV Zone Substation

- Constraint: Load growth in the Leamington region and forecasted 11kV feeder overloading.
- Solution: new zone substation in the Leamington Area
- FY35 - FY37, \$8.3m
- Design contracted to non-related party.
- Delivery currently not contracted.
- Delivery likely to be via non-related party.

NZTA Cambridge to Piarere SH1 Expressway Asset Relocation

- Constraint: Existing network assets within the alignment of the proposed SH1 Cambridge-Piarere expressway.
- Solution: Relocation of assets from the proposed route for the roading project.
- FY27 - FY30, \$8.0m
- Currently not contracted.
- Delivery likely to be via internal resource with non-related support.

New Forrest Road - Pirongia 33kV Circuit

- Constraint: Load growth in the Te-Awamutu region and forecast feeder overloads.
- Solution: new N-security 33kV Hautapu-Pirongia circuit to supply the new Zone Substation at Pirongia.
- FY33 - FY35, \$13.9m
- Not currently contracted.
- Delivery likely to be via non-related parties.

New Pirongia 33/11kV Zone Substation

- Constraint: Load growth in the Te Awamutu region and forecast feeder overloads.
- Solution: new N-security zone substation at Pirongia with 11kV fast transfer scheme back to Te Awamutu.
- FY33 - FY35, \$7.2m
- Not currently contracted.
- Delivery likely to be via non-related parties.

New Waikeria 33/11kV Zone Substation

- Constraint: Future expansion of Waikeria Prison is expected to cause load demand increase of up to 10 MVA by 2030 in stages, which exceeds the 11kV feeder capacity.
- Solution: 16/24 MVA n-security zone substation at Waikeria, with additional 11kV backup supply.
- FY27 - FY29, \$8.1m
- Design contracted to non-related party.
- Delivery currently not contracted.
- Delivery likely to be via non-related party.

New Leamington to Waikeria 33kV Circuit

- Constraint: Future expansion of Waikeria Prison is expected to cause load demand of up to 10 MVA by 2030 in states, which exceeds the existing 11kV feeder capacity.
- Solution: 33kV N-security circuit from Leamington to Waikeria supplying the new N-security zone substation
- FY27 - FY29, \$12.8m
- Design contracted to non-related party.
- Delivery currently not contracted.
- Delivery likely to be via non-related party.

11kV Connection Upgrade to Waikeria Prison

- Constraint: Future expansion of Waikeria Prison is expected to cause load demand of up to 10 MVA by 2030 in stages, which exceeds the existing 11kV feeder capacity.
- Solution: 11kV connection upgrade from Te Awamutu GXP to Waikeria Prison as the backup supply to the new Waikeria n-security zone substation.
- FY28 - FY29, \$10.3m
- Not currently contracted.
- Delivery method will be determined closer to the time.