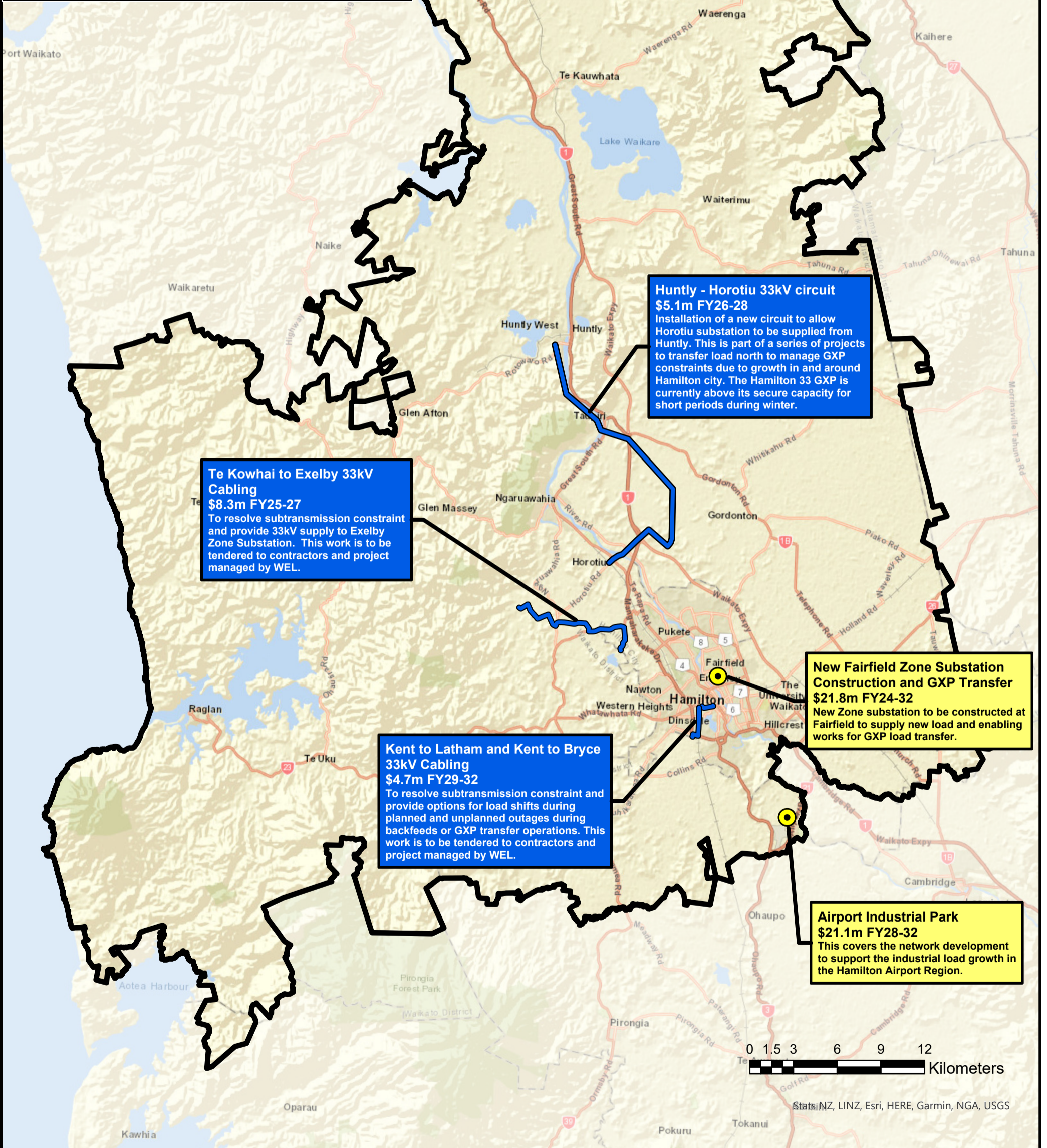


NETWORK WIDE PROJECTS

Project Name	\$ (m)	Timing	Description
EV & Process Electrification	63.5	FY24-32	This covers upgrade projects required for distribution network, substations and transformers to enable EV load growth.
Distribution Network Reinforcement	15.5	FY23-32	This covers a range of subprojects that involve upgrading distribution circuits and switchgear to relieve constraints from incremental network growth.
Distribution Transformer and LV Feeder Upgrade	8.7	FY23-32	This covers a network-wide range of subprojects that involve upgrading distribution transformers, low voltage lines and cables to address power quality issues identified by smart meters.
Network Reliability Project	7.3	FY23-32	This covers network wide installation of automated ring main units, reclosers, sectionalisers and other automated switchgear.
Smart Meters	5.0	FY23-32	This covers installation of additional smart meters across the network.



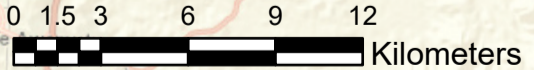
Huntly - Horotiu 33kV circuit
\$5.1m FY26-28
 Installation of a new circuit to allow Horotiu substation to be supplied from Huntly. This is part of a series of projects to transfer load north to manage GXP constraints due to growth in and around Hamilton city. The Hamilton 33 GXP is currently above its secure capacity for short periods during winter.

Te Kowhai to Exelby 33kV Cabling
\$8.3m FY25-27
 To resolve subtransmission constraint and provide 33kV supply to Exelby Zone Substation. This work is to be tendered to contractors and project managed by WEL.

Kent to Latham and Kent to Bryce 33kV Cabling
\$4.7m FY29-32
 To resolve subtransmission constraint and provide options for load shifts during planned and unplanned outages during backfeeds or GXP transfer operations. This work is to be tendered to contractors and project managed by WEL.

New Fairfield Zone Substation Construction and GXP Transfer
\$21.8m FY24-32
 New Zone substation to be constructed at Fairfield to supply new load and enabling works for GXP load transfer.

Airport Industrial Park
\$21.1m FY28-32
 This covers the network development to support the industrial load growth in the Hamilton Airport Region.



StatsiNZ, LINZ, Esri, HERE, Garmin, NGA, USGS

Capex

Created by: JHovens Status: Final
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LEGEND

- CAPEX DEVELOPMENT
- CAPEX 33KV CABLING
- WEL BOUNDARY

ACKNOWLEDGEMENTS AND DISCLAIMERS

DISCLAIMER

1. This GIS material is made available at the discretion of WEL Networks Ltd (WEL). Maps and data are to be used for indicative purposes only and WEL is not responsible for any inaccuracies. WEL, excluded to the fullest extent possible all liability, for any cost or expenses, direct or indirect (including loss of data and loss of profit) arising from any inaccuracy in, or use of, the GIS material supplied by WEL.

2. It is your responsibility to ensure you are aware of all utility installations in your area of work. You will be liable for all cost and expenses (Direct and indirect, including solicitor-client cost) incurred by WEL if you damage or affect any of WEL's equipment, including cables.

3. For any instructions on how to read this plan please refer to the legend at: www.wel.co.nz/every-day-home-safe-working-on-our-network/service-plans

4. If any damage is incurred, WEL Networks Ltd is to be notified immediately.

5. If 33kV cables are in the area, please contact a cable locator at WEL Networks Ltd on 0800 800 935 then press "2"

6. Standard Trench offsets are: 0.4m and 2.7m from the nearest legal boundary.

7. Warning: The standard duct colour for electrical cables is ORANGE, however, experience has shown electrical cables may be found in ducts of any colour. You must assume all ducts may contain live cables until positively proven otherwise.

