



INVESTING IN YOUR ENERGY FUTURE



FOR ANY QUESTIONS GET IN TOUCH

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Aurora
ENERGY

FUTURE PROOFING OUR ELECTRICITY NETWORKS

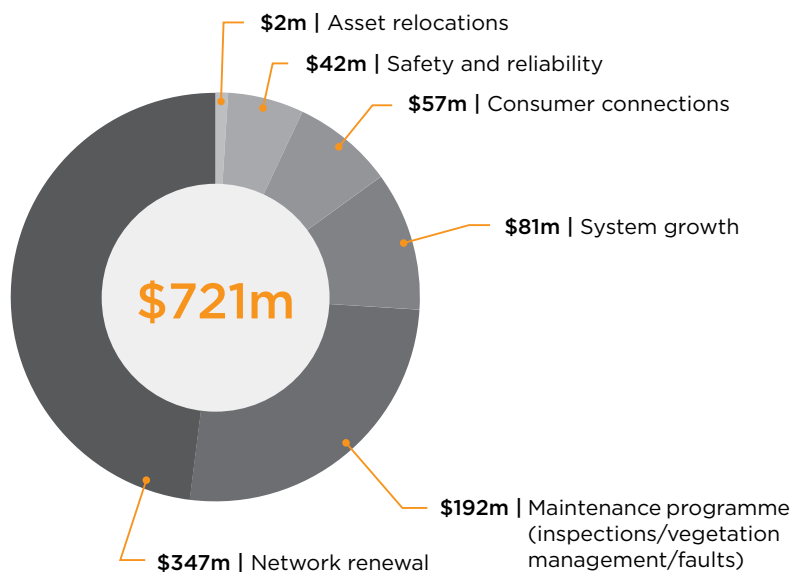
A lot of New Zealand's power stations and electricity network infrastructure were built in the 1950s and 60s, so in some cases the network poles and lines date back more than fifty years. They need modernising if they are going to keep pace with increasing demands brought by commercial, farming and domestic consumption and changes in how we use new energy technologies.

Over the next ten years, Aurora Energy will be investing nearly 3/4 of a billion dollars in maintaining its distribution network and in capital upgrades to its substations and transformers, switchgear and other network assets.



THE NUMBERS AT A GLANCE

2017-2027*



*Planned total expenditure 2017 Asset Management Plan



YOUR POWER BILL

This doesn't mean your power bill is going to go through the roof. Like other New Zealand network companies, Aurora Energy's pricing is regulated by the Commerce Commission. Distribution costs generally make up about a quarter of your power bill - depending on annual consumption and which retailer you're with. We'll be applying to the regulator to switch to a customised price-quality path to fund future investment. Any change will be subject to Commerce Commission approval and customer consultation and wouldn't take effect until 2020.

OUR PROJECTS



Our upgrade plans are underway. Here are some examples of key projects from around the network.

MODERNISING THE NETWORK

The new Carisbrook Zone Substation will improve security of electricity supply to South Dunedin suburbs and replace the existing Neville Street substation, the oldest on our network, built in the 1940s and 1950s.

CATERING FOR GROWTH

The thriving lakeside town of Wanaka has growing energy demand. We're catering for future growth by building a new \$3 million switching substation at Riverbank Road to improve future reliability and security of supply.

STAYING ON TRACK

Our fast track pole programme is focused on removing the risk of close to 3,000 priority poles by the end of December 2017. On a longer-term basis our asset renewal programme will extend to a total of 14,000 poles across the network, replacement of ageing sub-transmission cables, an upgrade of overhead lines and other network equipment.

OUR NETWORK



FLICKING THE SWITCH

Aurora Energy is a subsidiary of Dunedin City Holdings Limited, founded in 2003 from what was previously Dunedin Electricity Limited. Its role is to ensure the resilience of the network, supplying reliable electricity supply to more than 87,000 homes, farms and businesses in Dunedin, Central Otago and Queenstown Lakes, spanning more than 5,800 kilometres of network lines.

That makes us an important part of the growth engine that supports our tourism, primary industry and manufacturing driven economy. With the regional population expected to grow by almost a third over the next 10 years, we are working with our team of dedicated staff and contractors to develop a long-term plan to cater for the demands of greater Otago now and into the foreseeable future.



DEVELOPING A SMARTER GRID

Globally, the electricity market is being reinvented, as technology and innovation change how electricity is generated, supplied and consumed. Changing consumer demands and the emergence of new technologies and new energy sources such as local solar and wind generation and grid connected battery storage are challenging all participants in the energy sector to re-evaluate their future investment decisions, the regulatory framework and customer relationships.

The preferences of electricity users is also driving change, through an expectation of greater choice, real time interaction, always-on connectivity, better reliability and security. Our role is to find ways to accommodate the changing demands on our electricity infrastructure from both consumers and new technologies.