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ACROSS*the*LINES

New Ripple Control Plant for Palmerston Substation



Palmerston substation.

A ripple injection plant has been successfully commissioned at the Palmerston 110/33kV substation in east Otago on the OtagoNet network.

PowerNet major projects manager Dave Tose says the plant was fully commissioned on 21 February 2019.

“It was a great effort and many thanks to the contractors, consultants and PowerNet staff that have contributed to making this project a success.”

The new plant enhances reliability of supply on the network, Dave says.

The ripple injection plant takes over the complete load from the existing ripple plant at the Palmerston substation.

The old ripple plant will be retained until the new Quarry Road substation is built – programmed for 2021-22 financial year.

The new ripple plant will then be moved from the Palmerston substation to the Quarry Road substation.

About ripple control:

Many households take advantage of using “Off Peak” hot water savings. This system operates by “ripple control”, where a signal is sent to your hot water system telling it to turn on and off when power is at its cheapest.

