Changing the face of energy in New Zealand.



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GEOTHERMAL – THE 'PREMIUM RENEWABLE'

- Geothermal is about 16% of NZ's total electricity supply – No.2 behind hydro
- Output doubled over the past decade 3 major projects by Mercury
 - > Kawerau 100 MW (completed 2008)
 - > Nga Awa Purua 138 MW (completed 2010)
 - > Ngatamariki 82 MW (completed 2013)
- > "Premium renewable"
 - > Small physical footprint
 - > Sustainable use of heat from reservoirs 2-3km underground (closed cycle, re-injection)
 - Base-load, normally runs 24/7; the only renewable not weather-dependent – 2x output of hydro; 3x wind; 6x solar
- Geothermal displacement of gas/coal generation is the single-biggest reduction to date in NZ's emissions profile – 2 million tonnes C02-e per year





