Roxburgh Hydro Power Station

Roxburgh East Road
Roxburgh East 9571
New Zealand

The Roxburgh Power Station, on the Clutha River in Central Otago, was New Zealand's first large-scale hydro dam. For that time, the Roxburgh Dam was regarded as an engineering masterpiece. It is a concrete, gravity dam, containing around half a million cubic metres of concrete, weighing 1.5 million tonnes. Water is fed to the turbines through steel penstocks, each 5.5 metres in diameter, 50 metres long, and dropping nearly 46 metres in height. The first of the power station's eight 40 MW electricity generators commissioned in 1956. The last generator was commissioned in 1962, giving a total capacity of 320 MW. Roxburgh Power Station is operated by Contact Energy.

Company: Contact Energy
Capacity (MW): 320
Status: Operating
Start Year: 1956 (40MW) to 1962 (upgraded 320MW)
Technology: Hydro
Fuel: Hydro
No. of Turbines: 8
Source of Information: Contact Energy and Wikipedia web site (October 2011)

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