

The Snowy Scheme developments

Snowy-Tumut Development

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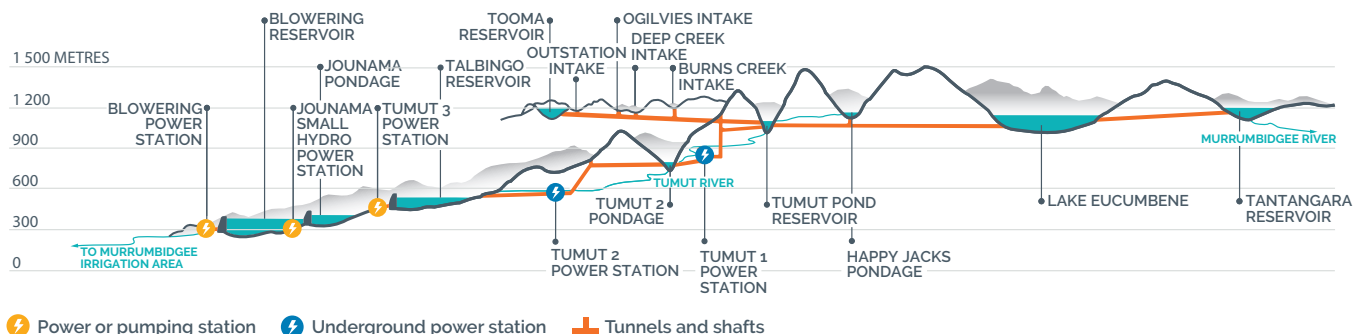
5 power stations

16 generating units

Power generation – the journey of water

Water from the Upper Murrumbidgee, Tooma and Eucumbene Rivers is collected and diverted from Lake Eucumbene through an underground tunnel system to Tumut Pond Dam. Water from Tumut Pond flows through Tumut 1 and Tumut 2 underground power stations, before arriving at the Talbingo Reservoir. Water stored in Talbingo Reservoir then passes through the Tumut 3 Power Station and into Jounama Pondage.

SNOWY-TUMUT DEVELOPMENT



Tumut 3 penstocks





Jounama Dam



Reusing/recycling water

Three of the six turbines at Tumut 3 Power Station have large pumps with the capacity to pump water from Jounama Pondage back up into Talbingo Reservoir. At present water cannot be pumped any further uphill than Talbingo Reservoir.



Jounama Dam

Water is released from Jounama Dam into Blowering Reservoir either through the Jounama Small Hydro Power Station, or through the Jounama Dam radial release gates.



Blowering Power Station

Blowering Power Station is located at the base of Blowering Dam.

Blowering Power Station operates as water is released from Blowering Dam into the Tumut River, which joins the Murrumbidgee River near Gundagai.

Water releases from Blowering Dam are controlled by the NSW State Government to provide for downstream town water supply, irrigation and environmental uses.



Blowering Power Station