

## Community Fact Sheet

# Snowy 2.0 Transmission connection project

### About TransGrid

Every day TransGrid connects you to the electricity you use, 24/7. As the operator and manager of the main high voltage transmission network in NSW and the ACT, we connect generators, distributors and major end users to the electricity they need, when they need it.

We take a leading role in encouraging the connection of renewable generation and, more broadly, the transition to a low carbon future.

TransGrid delivers electricity in a manner that ensures the safety of our workforce and the community. We operate the network at maximum efficiency to deliver electricity at the least-cost to consumers.



### About Snowy 2.0

The Snowy 2.0 project is being proposed by Snowy Hydro Limited. The project is a pumped-hydro expansion of the Snowy Mountains Scheme which, if approved, will significantly add to its existing energy generation and large-scale storage capabilities.

Snowy 2.0 will increase the Scheme's generation capacity by up to 2,000 megawatts and provide about 175 hours of energy storage. The ability to pump and store water means Snowy 2.0 will act like a giant battery by absorbing, storing and dispatching energy on-demand, within minutes.

The project will be critical to helping provide Australian businesses and households with reliable, stable and affordable energy in the future.



## The Snowy 2.0 transmission connection project

### Why is it needed?

A direct connection to the transmission network is required to get Snowy 2.0's power into NSW. The transmission connection would also allow the Snowy 2.0 storage 'battery' to be charged during periods of low demand.

### What is being proposed to be built?

- A new substation would be built next to TransGrid's existing transmission line in Bago State Forest, which connects our Upper Tumut and Lower Tumut substations.
- Two new double-circuit transmission lines from the Snowy Hydro 2.0 generator site to the new 'Maragle' substation. The transmission lines would be around 9km long.

### What's next?

TransGrid is currently developing an Environmental Impact Statement which is expected to be released to the public in mid-2019 and we want your input.



 [www.transgrid.com.au/Snowy2](http://www.transgrid.com.au/Snowy2)

 [community@transgrid.com.au](mailto:community@transgrid.com.au)

 1800 222 537

