



## Introducing the Lady Eileen Hudson TBM

Snowy Hydro has celebrated a major milestone, with commissioning underway for the first

tunnel boring machine (TBM) for the Snowy 2.0 project.

The 'Lady Eileen Hudson' TBM will soon commence tunnelling for Australia's largest renewable energy project, the 2,000 megawatt pumped-hydro expansion of the mighty Snowy Scheme.

Named after an important Snowy Scheme ambassador and the wife of inaugural Scheme Commissioner Sir William Hudson, the Lady Eileen Hudson TBM is set to excavate the 2.6km main access tunnel and provide access to the site of the underground power station cavern. The TBM will then be relaunched underground to excavate the tailrace tunnel to the Talbingo Reservoir intake - for a total of 7.9km.

Snowy Hydro CEO Paul Broad joined Energy and Emissions Reduction Minister Angus Taylor and representatives from principal contractor Future Generation Joint Venture at the Lobs Hole construction site to inspect the TBM and watch the cutterhead spin.

Mr Broad said Snowy 2.0 construction had been progressing at a rapid rate. "The commissioning of the Lady Eileen Hudson TBM is an important milestone for the project and it's great to see the cutterhead rotate. Tunnelling operations will soon be underway around-the-clock at Lobs Hole, building about 40km of tunnels needed for the project," Mr Broad said.

"We've already got 1,000 people working on Snowy 2.0, including locals from the Snowy Mountains and surrounding areas. "Overall, this project is delivering 4,000 direct jobs and thousands more in the supply chain.

"There are huge economic multiplier effects from our Snowy 2.0 investment, with almost a billion dollars already spent in Australia and more than \$55m with 150 Snowy Mountains businesses.

"Snowy 2.0 is critical for the energy market and consumers, and will provide on-demand energy and large-scale storage to underpin Australia's transition to renewables."

**A day to celebrate - watch now!**



Reflecting on a great day celebrating the naming and switching on of the Lady Eileen Hudson tunnel boring machine for the Snowy 2.0 project.

## Traineeships at Snowy Hydro



For local school-leavers feeling daunted by the all-important next steps on their career path, joining Snowy Hydro's trainee program can provide a valuable entry to the world of

work.

Launched 30 years ago, the program has introduced hundreds of young people from local communities to a range of employment experiences, from the application and interview process, through to accepting a full-time position. Successful candidates are embedded in teams across the Snowy Hydro business.

Recruitment for the 2022 intake of trainees will begin in coming months, so keep an eye on the [Snowy Hydro website](#) for details.

In 2021, there are 10 trainees at Snowy Hydro's main office in Cooma, with one each in Talbingo and Khancoban. The trainee program is part of our commitment to supporting the local community through education and employment opportunities, and helping the next generation get started in their careers.

Around 10% of the Snowy workforce is in development roles, with trainees actively contributing to the day-to-day running of the business. Having enthusiastic, interested young workers also benefits the company by bringing fresh perspectives and energy to existing teams.

Candidates for trainee positions must have completed Year 12, and be willing to study Business Administration at TAFE as part of their program.

Many trainees have secured further career opportunities at Snowy Hydro with cadetships, permanent and casual positions, and some have taken on an apprenticeship. Others head off to university, often returning to work at Snowy during their holidays.

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## New generators on the block



After almost 50 years of operation, the original standby generators at Tumut 3 Power Station and intake structure have reached their 'end of life', and have been replaced with the latest technology to ensure the station's ongoing reliability.

As a peak energy provider, Snowy Hydro must be ready to generate power into the electricity grid at any given time. This means our power stations need to be available to produce clean, renewable energy 24/7, 365-days-a-year. To support our market position and ensure the stability of electricity supply to the National Electricity Market, our assets have back-up power systems.

Replacing the original diesel generators has been an important project for Snowy Hydro. We take pride in maintaining our assets to keep them in top condition, and a key part of our strategy is to modernise equipment when maintenance is no longer economically feasible.

The safety of our staff, contractors, visitors and the community is our number one priority, and we partner with local organisations which share these values. For this job, the Snowy team has appreciated the great work from local electrical contractor, PHE Tumut.



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