Australian ingenuity. Unrivalled energy.

Long duration storage that will underpin the renewable transition

The pumped hydro expansion of the iconic Snowy Hydroelectric Scheme, Snowy 2.0 is one of the most complex and challenging feats of engineering underway in the world.

Essentially a giant battery, Snowy 2.0 will store excess power from wind and solar and deliver it to homes and businesses across the grid at times it's needed most.

Snowy 2.0's 2,200 megawatt (MW) capacity will deliver enough energy to power 3 million homes for a week, equivalent to about 26 million home batteries.

The Australian Energy Market Operator predicts the National Electricity Market (NEM) requires around 649 gigawatt hours (GWh) of dispatchable energy storage to reach net zero by 2050, Snowy 2.0 alone will provide more than half, providing the grid with an incredible 350GWh energy storage.

With a design life of 150 years, Snowy 2.0 will underpin clean energy in Australia for generations to come.

When complete at the end of 2028, Snowy 2.0 will become the centrepiece of Snowy Hydro's unmatched mix of on-demand power stations that provide the power and energy storage needed to keep the lights on in homes and businesses as more clean wind and solar enters the grid.

This will enable a reliable, lowest-cost energy system for Australia's homes and businesses.

- **Powering 3 million** homes for a week
- **350,000MWh** of storage
- **2,200MW** generating capacity
- Enabling **6,600MW** of new wind and solar to come online
- **>50 %** of the energy storage Australia needs through 2050 and beyond
- **5000+** peak workforce
- Approx. **750** local jobs
- More than **$300 million+** local spend to date
- **0.01%** footprint in Kosciuszko National Park

Powering a sustainable future

snowyhydro | snowy2.0

Abundant? Store it. In demand? Send it out.

The iconic Snowy Scheme has not only been one of Australia's proudest achievements, but has helped ensure stable electricity supply to the homes and businesses that have depended on it for more than 50 years.

Today, as the need to replace increasingly unreliable, end-of-life coal-fired power stations means we need to reimagine our energy system, Australia is looking to the Snowy Scheme once again.

Snowy 2.0 is a globally-leading pumped hydro expansion that will transform the Snowy Scheme's capabilities with an incredible 350,000MWh of deep energy storage, enough to power 3 million homes for a week.

This will allow more clean wind and solar to come online, by storing the excess energy these renewables generate and sending it across the grid when it's needed most.

A renewable energy system of wind and solar generation, underpinned by short-duration battery and long-duration pumped hydro storage, backed-up by gas generation, is the lowest-cost way to reimagine our previously aging energy system.

Snowy 2.0 is critical to enabling this renewable energy transition.

Will Snowy 2.0 use or need more water?

Snowy Hydro is the custodian of the water that flows through our complex network of dams, tunnels and aqueducts.

The diversion of water for irrigation is a key purpose of the Snowy Scheme.

Electricity generation is a core by-product.

Snowy does not own the water itself and simply has the right to collect, divert, store and release water.

Snowy 2.0 will operate a closed loop system that recycles water to generate renewable energy and will use water already in the Scheme.

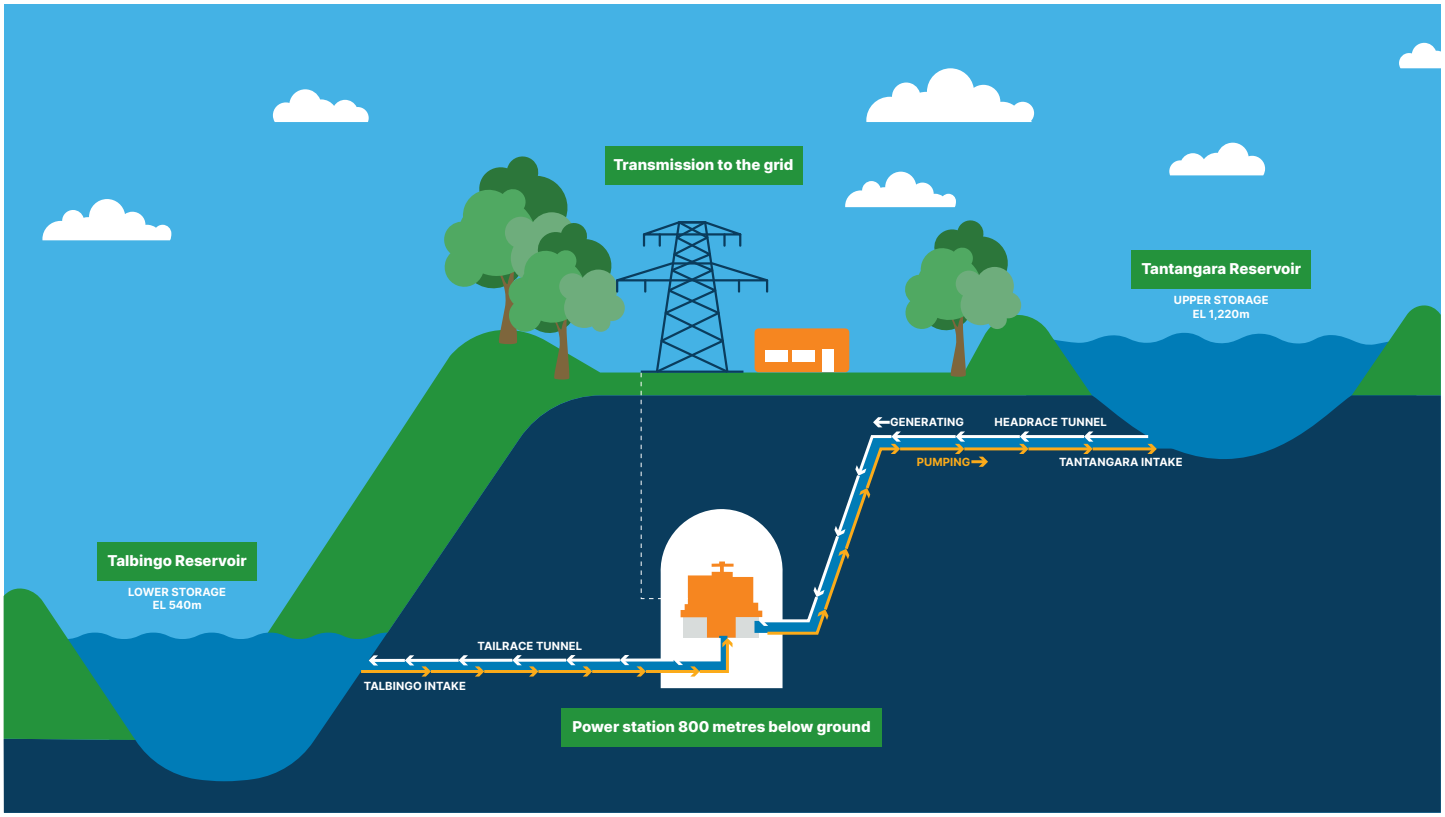
More broadly, the Scheme operates under a strict water licence issued by the NSW Government - which will be unaffected by Snowy 2.0.

There will be no change to Snowy's water release obligations from the Murray and Tumut developments or to environmental release obligations.

This means Snowy 2.0 will not have any impact on downstream water users, irrigators or on environmental flows.

Snowy's permission to operate Tantangara Reservoir, between the minimum operating level and full supply level, will not change with Snowy 2.0.

How Snowy 2.0 will keep the lights on



Snowy 2.0 is a world-leading pumped-hydro project that will significantly increase the Snowy Scheme's electricity generation capacity and storage capability.

It will link two existing Scheme reservoirs - Tantangara and Talbingo - through 27 kilometres of tunnels and a new hydroelectric power station located approximately 800 metres underground at Lobs Hole.

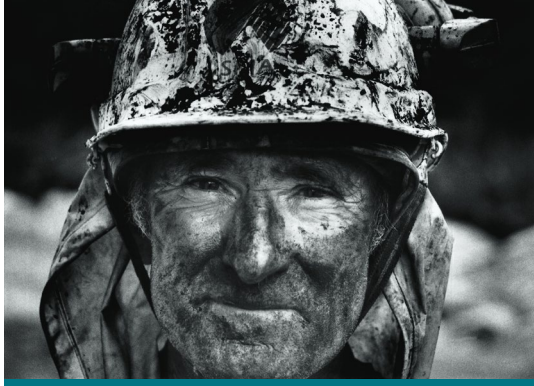
Six reversible turbines in this power station will allow for water to be released for energy generation during times of peak electricity demand and then be pumped back up to the top reservoir at times of excess wind and solar.

The water will be recycled - it can be used for energy generation again and again.

Snowy 2.0 will provide vital large-scale energy storage, along with quick-start electricity generation at critical times of peak demand when energy supply is constrained and at times when intermittent renewable energy output is low.

Australia's largest renewable energy project

- **150** year design life
- **800** metre deep underground power station
- **47%** world-first incline tunnel excavation
- **~40km** of tunnels
- **145,000+** concrete segments
- **4** tunnel boring machines
- **250** metre-deep upstream surge shaft



A legacy without equal

The construction of the Snowy Mountains Hydroelectric Scheme is a well-documented part of our nation's history and a leading example of Australian innovation and ingenuity.

The Snowy Scheme was an idea to capture and move water from east to west well before Snowy Hydro became an end-to-end, integrated energy business.

Constructed from 1949 to 1974, the Scheme is widely recognised as one of the civil engineering wonders of the world, as well as being one of the main catalysts for multiculturalism in Australia.

The Scheme is a major producer of renewable energy in the NEM with a total generating capacity of 4,100MW.

Did you know the first blast for the Snowy Scheme took place in Adaminaby on October 17 1949?

Governor-General Sir William McKell pressed the detonation button in the presence of Prime Minister Ben Chifley and Snowy Mountains Authority Commissioner Sir William Hudson, kicking off a multi-decade project to harness the mighty Snowy River for electricity generation and irrigation.

Learn more:
Visit the Snowy Hydro Discovery Centre

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The Snowy Scheme

8
hydro power stations

16
major dams

80km
aqueducts

145km
interconnected tunnels

How we're building Snowy 2.0

Lobs Hole

The heart of the Snowy 2.0, Lobs Hole is home to the project's 800-metre deep 2,200MW underground hydroelectric power station and the project's six kilometre-long tailrace tunnel.

Located at the bottom of Ravine Road, Lobs Hole is a hive of activity with multiple workfronts both above and underground.

Talbingo Reservoir

Talbingo Reservoir is the lower water storage for Snowy 2.0 and holds the water coming out of the power station.

As Snowy 2.0 is a pumped hydro project, this water can then be sent back up to Tantangara Reservoir to be reused.

Tantangara

Tantangara is home to a second intake structure and the project's 17 kilometre-long headrace tunnel.

When operating, water from Tantangara will flow through the headrace tunnel into the power station to generate electricity at times of peak demand.

Marica

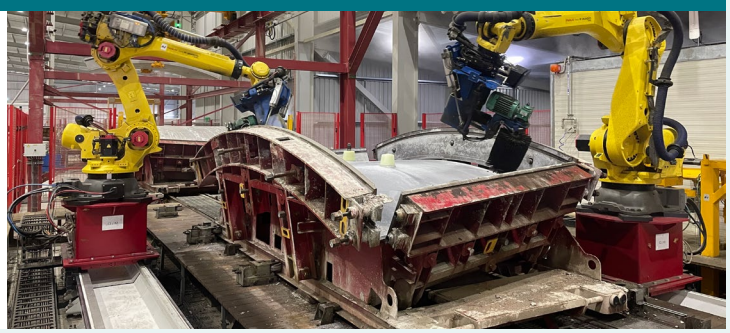
The highest elevation site on the project, located just outside Kiandra, Marica hosts one of the world's deepest surge shafts - at 250 metres.

TBM Monica also launched from this site and will meet TBM Florence along the headrace tunnel, after boring through a complex geological area known as the Long Plain Fault Zone.

Polo Flat

A new manufacturing plant was built at Polo Flat, on the outskirts of Cooma, to produce more than 145,000 precast concrete segments needed to line the project's TBM tunnels.

The facility also produces precast concrete columns, beams and slabs.



Our commitment to environmental stewardship

Snowy Hydro has been a custodian of land within Kosciuszko National Park (KNP) for more than seven decades.

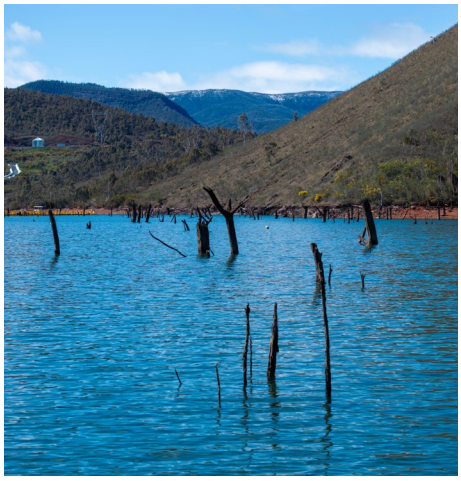
The park is important to us and we want to care for it.

We are committed to continuing our track record of operating responsibly as we work to minimise the impacts of Snowy 2.0's construction.

The approval conditions required to build and operate a modern addition to the Snowy Scheme are rightfully among the most stringent in Australia.

While building Snowy 2.0, we look to minimise our impact and footprint within our designated work areas.

We aim to reduce our disturbance on the park's natural landscape so the project's rehabilitation work is minimised, where possible, and we retain as much of the areas' original value as possible.



There is a strict approval and permit process to lessen the disturbance to vegetation and a range of environmental controls that govern our construction activities.

All construction-related worksites and locations will be rehabilitated, in accordance with project approvals conditions.

All waste generated on Snowy 2.0 is transported to licensed off-site facilities, in line with NSW waste classification guidelines.

Excavated material is reused where possible or placed at approved permanent spoil emplacements on-site.

These areas will later be shaped and planted, as part of rehabilitation, in line with the project's approval conditions.

Around $100 million will be provided to NSW National Parks and Wildlife Services by Snowy Hydro for a program of conservation offsets.

The will directly contribute to the ongoing, long-term conservation and recreational use of the park.

Learn more about how we manage spoil

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How we protect native flora and fauna

There are also strict protections in place for the protection of native fauna and flora across the project alignment, along with stringent regulations around water usage and reuse.

The project's dedicated environment teams spend thousands of hours annually on habitat protection and reporting for species including the smoky mouse, Alpine skink and Leadbeater's possum - which was found outside of Victoria for the first time in KNP.

Snowy Hydro is implementing a raft of measures including the Snowy 2.0 Threatened Fish Management Plan - which includes $5 million of conservation measures for the stocky galaxias and Macquarie perch - and the Recreational Fishing Management Plan which includes a $5 million funding package to build a new state-of-the-art facility at Gaden Trout Hatchery.

Water is reused for activities including dust suppression or treated at on-site treatment plants.

Water is only transported off-site if quantities are too large for plants to handle, for example after heavy rain or snowfall.

Learn more about Snowy's commitment to environmental management

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Powering our local communities

Snowy Hydro has been part of the fabric of the local community for generations.

We believe energy should do more than just keep the lights on. It should help power strong, sustainable communities.

While our operations continue to expand beyond the original Snowy Scheme, the Snowy Mountains remain the heart of our business.

Community engagement plays a significant role in delivering on this ambition through careful, respectful, informed and consistent communication with our stakeholders, partners and wider community.

We work with our communities to create shared value, invest in the local economies and continue to work towards our ambition that no-one is left behind in the energy transition

The construction of Snowy 2.0 has generated more than $300 million in direct local economic benefits for the Snowy Monaro and Snowy Valley communities, in addition to the Wagga and Queanbeyan regions, as of January 2026.

Snowy 2.0 won't just power the future, it's also powering futures. Australia's largest renewable energy project has created employment for more than 5000 people, including 749 locals from across the Snowy Mountains.

This includes apprenticeship and graduate roles, alongside an innovative school-based apprenticeship and trainee program delivered in partnership with the NSW Department of Education, TAFE NSW and Monaro High School.

While the project is on track for commercial operation in December 2028, there are still ongoing opportunities for local businesses to work on Snowy 2.0 alongside ample employment opportunities with both Snowy Hydro and our delivery partner Future Generation Joint Venture.

Careers on Snowy 2.0

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Opportunities for businesses

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Snowy Hydro is deeply invested in the Snowy Mountains.

We run a targeted community giving program and invest in partnerships and sponsorships with not-for-profit organisations, such as:

- Stars Foundation
- Clontarf Foundation
- Young Driver Training Program
- The Australian Academy of Technological Sciences and Engineering
- The Snowy Valleys Sculpture Trail
- Tourism Snowy Mountains

Now in its third year, Snowy's community grants program provides funding to successful applicants of up to $10,000 in two funding rounds annually.

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Visit us at: snowyhydro.com.au