

snowyhydro

SNOWY HYDRO  
nextgen  
EDUCATION HUB

# science of the SNOWY SCHEME VIRTUAL PANEL

Renewable energy Q & A Thursday 14 October - 9.15am



Meet our facilitator

Carolyn Ewart - Education Programs Manager

Carolyn is a vocational education and training educator with 25 years of experience in the NSW education sector. She is passionate about educating the next generation of innovators. Through her work at Snowy Hydro, Carolyn aims to provide STEM learning opportunities for all students no matter their age, background, or circumstances.

She is constantly designing and developing our Snowy Hydro STEM education programs to inspire students from kindergarten to year 12. Carolyn says: "Snowy Hydro is a perfect example of renewable energy in action. Students have the opportunity to learn how renewable energy works and apply their thinking to future innovation."

## Meet our panelists

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Corrine Li - Energy Trader

Corrine is one of Snowy Hydro's energy traders. Our traders look for opportunities in the market to buy energy at the lowest price and sell at the highest price. This process ensures our customers enjoy affordable energy. Corrine monitors the market regularly and takes note of weather events and physical issues with power stations, as an indication of change in supply and demand.

At university Corinne studied mathematics, actuarial science and accounting. "To be part of a team contributing to growing communities and protecting the environment simultaneously makes me extremely proud," Corrine says.

Corrine finds it rewarding to be playing a role in building a bright future powered by renewable energy. She has also gained valuable insights about safety - our number one priority and one of our core values - here at Snowy Hydro.



Jake Ross - Mechanical Engineer

Jake is a mechanical engineer and part of the team delivering the Snowy 2.0 project. Originally from Mackay in Central Queensland, Jake set his sights on the renewables sector and moved to Cooma in 2015 as a graduate engineer.

Jake saw Snowy Hydro as the ultimate engineering opportunity. The amazing engineering features of the Snowy Scheme combine the heavy engineering industry with renewable energy. Jake's core focus with Snowy 2.0 is on the hydraulic design and mechanical plant within the underground power station.

He originally joined the project to kick off the feasibility study in 2017, when he had the opportunity to contribute to the overall design concept. He also explored the incredible area of the Snowy Mountains where the project is being built. He is very proud to be part of the expansion of this engineering wonder of the world.



Steph Astbury - Graduate Engineer (Electrical)

Steph is a graduate electrical engineer who works in Snowy's Asset Engineering team. Her role is to look after all of the equipment required to generate renewable energy and make sure it is consistent.

She feels grateful to live and work in the beautiful Snowy Mountains and is a proud member of Snowy Hydro. As part of the team that ensures our assets are available and reliable to enable generation, she works with, and learns from, experienced, intelligent and highly-skilled people.

Steph says: "When I was growing up, learning about the mighty Snowy Scheme, I always held the work that Snowy does in high regard due to its capacity to benefit the lives of all Australians.

"I wanted to be a part of this and be able to play a really important role that would enable me to help others, so I chose engineering. I became increasingly interested in the technical side of renewable power systems engineering, and Snowy being such a leader in this space, was and still is, my dream place to work."

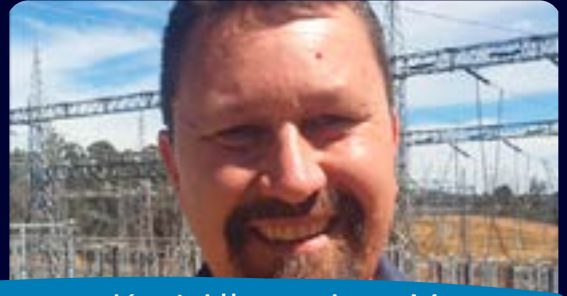


Riley Kane - Graduate Engineer (Civil)

Riley is a graduate civil engineer and part of the Snowy Hydro graduate program. His current rotation has him working on the Snowy 2.0 project.

His journey with Snowy Hydro began in March 2021 after studying civil engineering at RMIT University in Melbourne. Maths and physics were always his passion at school, so a career in engineering was the perfect fit.

The opportunity to move from the coast to Cooma and experience life in the Snowy Mountains is the adventure that keeps on giving. Riley says: "Working for such an historic company, instrumental in shaping our multicultural identity, allows me to come to work with a smile on my face, and leave with a bigger one each day."



Kent Allen - Area Manager

Kent is a senior manager with Snowy Hydro, having grown up on the doorstep of the mighty Snowy Scheme. He has always been in awe of this amazing engineering wonder nestled in the Snowy Mountains.

Joining Snowy Hydro in 1995, Kent's career spans many technical and leadership roles including Area Manager at both Talbingo and Cabramurra. He has led teams of highly-skilled trades, technicians and engineers to deliver the key maintenance needs for our hydro power stations, tunnels and large dams. The continual maintenance means we always 'keep the lights on', providing clean, renewable energy.

He has long been fascinated by the Scheme, its harmony with the environment, amazing engineering feats and hydro-electric assets. Kent is proud to be part of the many generations who have worked here over the last 70 years.

He says: "I am very excited to soon be joining the team working on Snowy 2.0, a monumental 2,000MW pumped-hydro project that will help power our national transition towards a fully renewable energy future. What we are doing today will shape our tomorrow."



Sal Tringali - Head of Commercial and Industrial

Sal is an energy markets expert, with more than 25 years' experience in the commercial and industrial sector. He is responsible for building new, short and medium-term business models in the National Electricity Market.

He is particularly skilled at uncovering and articulating new opportunities. His extensive industry experience is balanced with an attitude to challenge and find new solutions to complex problems experienced by energy consumers or markets.

His achievements of managing ambiguity, influencing strategies and creating accurate project overviews have led to multi-functional teams delivering against business objectives. His specialties range from corporate entrepreneurship and business innovation, technology identification and implementation to customer marketing and strategic planning. He says: "I love working in the renewable energy space, I want to be the Lorax and who doesn't love the Lorax?"