



ENGINEERS
AUSTRALIA

Snowy 2.0 Presentation

Australian Tunnelling Society,
Queensland Chapter

Join us for an informed presentation on the challenges, outcomes and execution of the Snowy Hydro 2.0 project.

5.30 - 7.15pm | Thursday 13 February 2020

Engineers Australia Auditorium
Level 9, 340 Adelaide Street, Brisbane, QLD 4000

Snowy 2.0 will supercharge the Snowy Scheme's existing hydro-electric generation and large-scale storage capabilities. The fast-start, on-demand generation of pumped-hydro and Snowy 2.0's massive storage capacity will be vital as more intermittent, renewable energy sources such as wind and solar come online and coal-fired power stations retire.

The project will add 2,000 megawatts of energy generation and provide 175 hours of storage for the National Electricity Market (NEM), which is enough to ensure the stability and reliability of the system during prolonged weather events such as wind or solar droughts.

Snowy Hydro already plays a critical role in ensuring system stability, and Snowy 2.0 will enhance our existing capability to ensure that security can be provided to the energy market in the future.

You can find out more about the presenters on the next page.

Please note that Engineers Australia Queensland is now operating out of a new address which is listed above.

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TICKETS (INCL. GST)

EA Member	\$0
Society Member	\$0
Student Member	\$0
Non-member	\$30



FOR MORE INFORMATION

Please contact us on
1300 653 113 or
eaevents@
engineersaustralia.org.au



Introducing your presenters for the evening.



Dave Evans

Director of Engineering,
Snowy 2.0, Snowy
Hydro Limited

Dave is the Director of Engineering on Snowy 2.0 and has been working on the project since its inception in April 2017. Prior to joining Snowy 2.0, Dave was the Australia New Zealand Hydropower and Dams Manager at SMEC and has been involved as a designer and expert review in international hydropower projects in Australia, Nepal, Papua New Guinea and Kenya.



Damon Miller

Associate Engineer -
Dams and Hydro,
SMEC

Damon has worked on Snowy 2.0 since the project commenced with SMEC and Snowy Hydro in April 2017. Damon was the Design Manager for the Snowy 2.0 Feasibility Study and has been the Civil Design Lead for the Reference Design and Tendering for the 2000 MW pumped storage hydropower project.



**Helen Barbour-
Bourne**

Associate Engineering
Geologist, GHD

Helen is an Associate Engineering Geologist with GHD Sydney with a strong background in Project Managing and delivery of large-scale complex and specialised site investigations from overseas projects at London Olympics 2012 and Crossrail, to Oxley Highway to Kempsey and Woolgoolga to Ballina Pacific Highway Investigations. She has been Project Manager for the Snowy 2.0 Geotechnical Investigation Project since October 2017, drawing together a specialist team of up to 80 people on site from across Australia, New Zealand and Canada to deliver it.



David Kamphorst

Geotechnical Engineer,
GHD

Daniel is a Geotechnical Engineer responsible for managing the Snowy 2.0 Geotechnical Investigation program on site since October 2017, more recently become the Site Investigation Manager. With a strong focus on highly specialised geological and geotechnical field work, from PNG, and across Australia. He has been critical to the execution of the complex scope required by the investigation, which includes three methods of insitu stress testing, down hole geophysical logging and deep directional drilling, essential to the delivery of the project.