



Snowy 2.0 Temporary Works

McDowall Affleck

CONSULTING ENGINEERS | PROJECT MANAGERS

Responsive. Reliable. Results.



Future Generation JV

Overview

McDowall Affleck is providing assistance to the Future Generation JV site team during the construction stage of the Snowy 2.0 Project near Cooma NSW. McDowall Affleck was requested to provide design and third party verification of temporary works including belt storage towers and conveyors foundations, tunnel ventilator support frames, TBM temporary support, pads stability checks.

Type of Engineering Work

Structural Engineering

Work Timeframe

August 2020 - Current

Contract Value

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McDowall Affleck Contact

Albert Puccini & Ben Galvin

Scope of Work

- 3rd party review and certification of belt storage tower foundation
- 3rd party review and certification of conveyor foundations
- Optimisation of belt storage tower foundation
- 3rd party review and certification of tunnel ventilators support frames
- 3rd party review and certification of TBM temporary support
- Pads stability check



Project Challenges

- Quick response time required
- Information required from third parties
- No site inspections allowed due to COVID-19 restrictions

How we managed this

- Dedicated engineer on the project
- Proactive approach and good communication with Future Generation contracting site team
- Optimised design to meet conservative design assumptions

Value Engineering

- Timely response with McDowall Affleck's dedicated engineer to avoid site delays
- Provision of multiple concept options
- Flexible design to include materials available on site and contractor's preferred installation method

