KIDSTON CONNECTION PROJECT

275KV TRANSMISSION

CASE STUDY

fast facts:

JOB STATUS: Ongoing
LOCATION: Kidston, Einasleigh QLD
CUSTOMER: Beon Energy Solutions

PROJECT OVERVIEW

The Kidston Connection project, a substantial 275kV transmission line spanning nearly 200 kilometers, holds the key to unlocking the full potential of the Kidston Hydro Project. This transformative initiative, valued at 770 million dollars, aims to rejuvenate the former Kidston Gold Mine into a multifaceted renewable energy facility encompassing hydro, solar, and wind power generation.

Summit Power played a significant role within this massive project by providing essential kitting services and hardware supply for the initial segment of the transmission line. This particular section serves as a vital link to the Aurumfield Switching Station, situated in proximity to the historic mine.

The Kidston Connection project takes a significant step forward, laying the foundation for a sustainable energy ecosystem that harnesses the vast potential of hydro, solar, and wind power. This collaborative effort paves the way for a cleaner and more resilient energy future, benefiting both the local communities and the wider region.

Summit Power

SPECIALIST MATERIAL SUPPLY

Summit power was tasked by Beon with supplying large quantities of specialist line hardware, including:

- 160kN glass disc insulators
- OPGW fittings
- OPGW downlead cushions and splice box
- Compression dead ends
- Spiral vibration dampers
- Dogbone vibration dampers
- Link plates
- Grading rings
- Galvanised yoke plate
- Twin lock spacers
- Ball & socket links