PROJECT DETAILS

NEVERTIRE SUBSTATION

COMMISSIONING & ENERGIZATION

Client : Essential Energy
Location : Nevertire, NSW
Sector : Utilities

BACKGROUND

The 132kV Nevertire Substation is an AIS installation, purpose-built to evacuate 130MW from renewable generation from the adjacent Nevertire Solar Farm. NVS connects Dubbo & Nyngan load centers in Central NSW. The installation consisted of a 132kV Switchyard housing dead tank Circuit Breakers along with CTs, VTs, and associated Busbars, Disconnectors and Earth Switches.

SERVICES

- Installation & Testing of 3 x 132kV Dead Tank Circuit Breakers along with their associated CTs and VTs
- Installation & Site Acceptance Testing of 150MVA, 132kV Power Transformer, and associated ancillaries
- Installation and Injection Testing of the 132kV NVS Substation Earth Grid
- NATA Testing of all Metering Transformers (CTs and VTs)
- Installation & Primary Testing of 132kV Disconnectors and Earth Switches
- Primary & Secondary Injection Testing of the NVS Protection Schemes
- SCADA Integration Testing of the 132kV Protection and Control architecture in conjunction with TNSP

AT A GLANCE

Project Outcome

- Flawless Safety record
- Project delivered within allocated budget
- On time Energization of the Solar Farm

Value Proposition

- Improved construction efficiency
- Decreased construction costs
- Ongoing operational & maintenance support

" We engaged Integral Power at Nevertire Substation in regional NSW. The sucessful delivery of this project has proven them to be extremely Capable, Reliable, and Professional "

Peter van Wyk
Essential Energy

INTEGRAL POWER