PROJECT DETAILS

NEVERTIRE SOLAR FARM

COMMISSIONING & ENERGIZATION

Client : BIOSAR Engineering
Location : Nevertire, NSW
Sector : Renewable Energy

BACKGROUND

The 150MW Nevertire Solar Farm is one of the largest Solar Farms in central NSW. Over half a million solar panels feed into 52 Power Conversation Units (PCUs), interconnected via Ring Main Units, feed 2 x 22kV collector substations before feeding into the 132kV, 150MVA Power Transformer at Nevertire substation.

SERVICES

Integral Power was engaged by Davis Contracting to provide High Voltage Testing and Commissioning of the entire AC network assets including:

- Construction Validation, Detailed Functional and Wiring Checks
- Primary Testing & Commissioning of 2 x 33kV High Voltage Switchboards
- Primary & Secondary Injection Testing of the Solar Farm Protection Schemes
- Step and Touch Potential Validation at the 33kV and 220kV Substation Earth Grids
- Site Acceptance Testing of 104 x 2.2MVA, 0.6/33kV Power Transformers
- SCADA Integration Testing in conjunction with TransGrid
- High Voltage Switching and Back Energisation Services

AT A GLANCE

Delivered

- Testing & Commissioning
- SCADA System Integration
- Grid Connction Services
- SolarFarm Energization

Value Proposition

- On time completion
- Within allocated budget
- Flawless Safty record
- Ongoing maintenance support

" Integral Power were very professional and thorough in their approach at Nevertire Solar farm. I would highly recommend the Integral Power team for your next HV commissioning project and would happily engage them again "

Greg Godfrey
Davis Contracting

INTEGRAL POWER