

Project Dashboard

Project Title: Showell Farm.

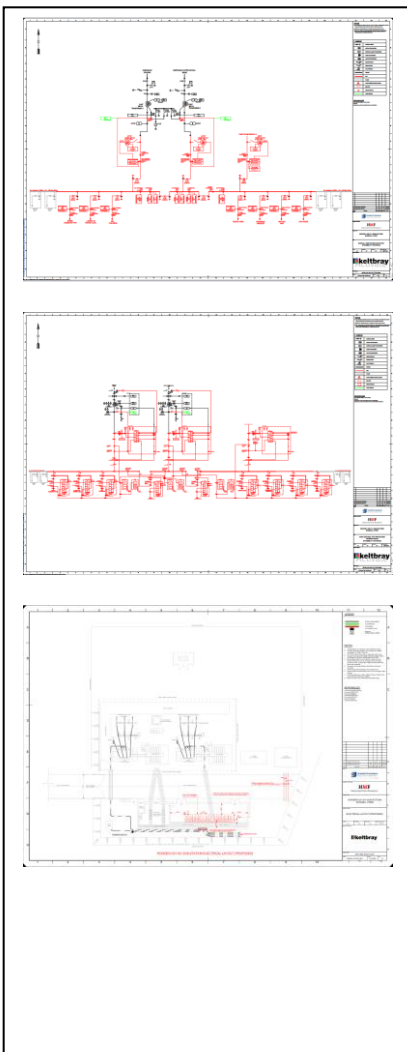
Keltbray



Partners worked with

SSEN

OEMs used and collaborated with. ie Seimen, GE, Tironi, Getra



Project Location: Bath Road, Chippenham, SN14 0AB.

Project Phase: Engineering design

Project Description: The customer has requested a 3.2MVA demand connection.

At Rowden install a new 11kV Single BB switchboard to connect the 11kV incomers from 33/11kV transformer and reconfigure the Substation for the new running arrangements as outlined below:

A new permanent indoor 11kV switchgear with 10 bays:

- 3x Incomers from 33/11kV Transformers.
- 2x Bus-sections.
- 7x Circuits.

The scope is to provide the protection & control system for the new 11kV Switchboard consisting of Incomer feeders, Bus Sections, Outgoing feeders and Bus Zone Protection. The protection relays, inter-tripping relays and other auxiliary & control relay shall be provided as per SSE protection standards.

Project Highlights: HMF has completed the feasibility design and has now moved on to the detailed design.

- Substation Layout and Switch room Layout delayed due to unavailability of Switchboard GA drawings.
- 11kV Switch board GA Drawings and Schematics awaited.
- Existing RTU architecture drawings awaited.
- Asbestos survey is required.

Key Deliverables:

- 11kV Switchboard Layout and Elevation plan.
- Stage by Stage Single Line Diagram.
- Interlocking Drawing.
- IED Diagram.
- Access Road Details.

Key Milestones:

- Feasibility submission 31.07.2024
- Expected detailed design submission 29.01.2025
- Conditional Assessment of Existing Switch room performed.
- Single Line Diagram finalized.
- Main Control and Protection Diagram completed
- Civil Foundation design of Temporary Switchboard is in Progress