



**Electrical, Telecoms
& Security Design
Consultancy**

CASE STUDY - SUSTAINABILITY

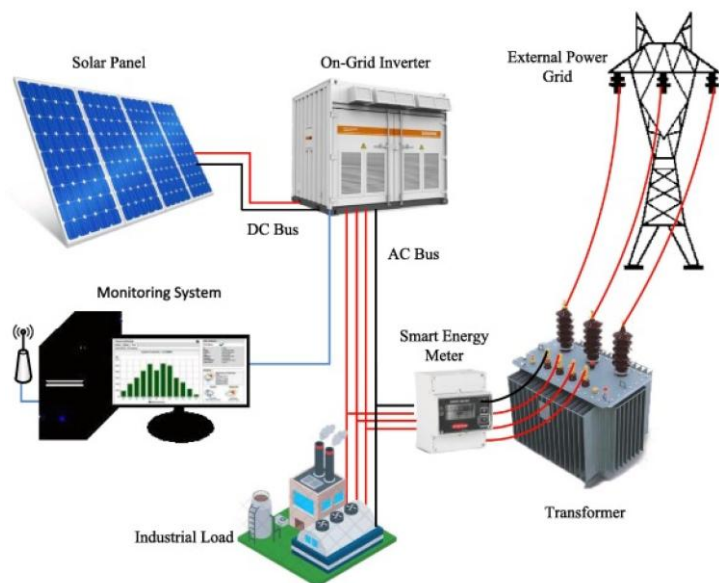
Project: Solar Farm Project

Client advisory and technical assistance
performance review Case Study

Client: Thermo Fisher

Date: July 2025

Value: £8.0m



Project Overview:

Thermo Fisher approached Electel through a third party asking for assistance with integration of new Solar Farm built by Aggreko

ESD provided technical assurance as part of Thermo Fisher Engineering and project management team

ESD performed the following duties

- Technical review of design proposals
- Technical review of drawings
- Technical review of controls philosophy
- Technical review of switchgear and protection systems
- Technical review of substations, cabling routes
- Technical review of proposed changeover sequencing
- Interfaces with DNO on export limitation scheme and implementation of design acceptance criteria
- Site witness testing and acceptance of Electrical systems, protection and cabling.

Consultation was required with all Thermo Fisher stakeholders and maintainers on what would be possible in terms of shutdowns / interruptions to supplies and timescales.

ESD supported Thermo Fisher from project conception to project delivery including management of all site works, equipment approvals, drawing approvals, site commissioning and site handback.

ELECTEL SYSTEMS DESIGN LTD.

Hyde Park House, Cartwright Street,
Hyde, SK14 4EH, UK.

T: 07834 466956 / 07791 224571

E: info@electel.co.uk