

Afon Llan

Solar farm



DNO: Western Power Distribution (WPD)

Sector: Renewables

CONSTRUCTION

**EARLY
2020**

CAPABILITY

9MW

SIZE

**13.89
HECTARES**

Scope of works



Comprising no less than 25,000 solar panels, Smith Brothers Contracting Ltd was appointed as the Independent Connection Provider (ICP) for the 13.89-hectare site – constructed between Oct 2020 and May 2021.

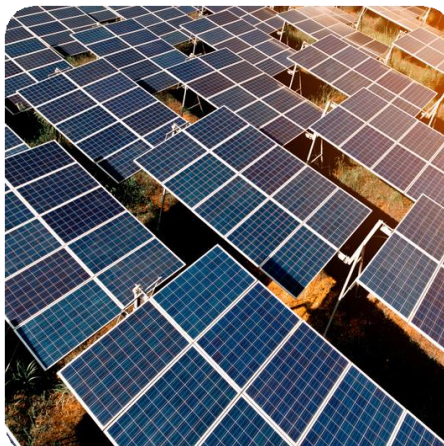
Carried out on behalf of PS Renewables, Smith Brothers' in-house design team was responsible for the contestable element of the renewable energy development, as well as the supply, build, installation and commissioning of two substations – one contestable and one private.

Located near Swansea, Wales, the 33kV ICP connection also included the procurement and installation of all breakers, protection, inter-tripping, civil and building, as well as the GRP kiosk substation itself.

The project wasn't without its challenges though, as an onerous 2.5km cable route traversed farmers' fields and required lengthy consultation with various landowners – as well as collaboration with local authorities to cross a public road.

Iain McNeil, project manager at Smith Brothers said: "We're proud to be the ICP of choice for so many renewable energy projects across the UK – and it's fantastic to be able to be a part of the country's sustainable power commitments once again."

"On average, the Afon Llan solar farm will produce enough electricity to power over 2,800 homes every year, for the next 40 years. When translated directly into a reduction in carbon emissions, such developments are yet another crucial step towards our nation's wider ambitions."



Contact us

To discuss your high-voltage power requirements, request a quote, or speak to one of our engineers in more detail, please get in touch.

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