



BIG SOLAR CO-OP

Whiteborough Solar Park

Project update October 2026

Background – recap

1960s: Coal mine closes

2014: Project start

2015: Planning permission

2023: Big Solar Co-op take over

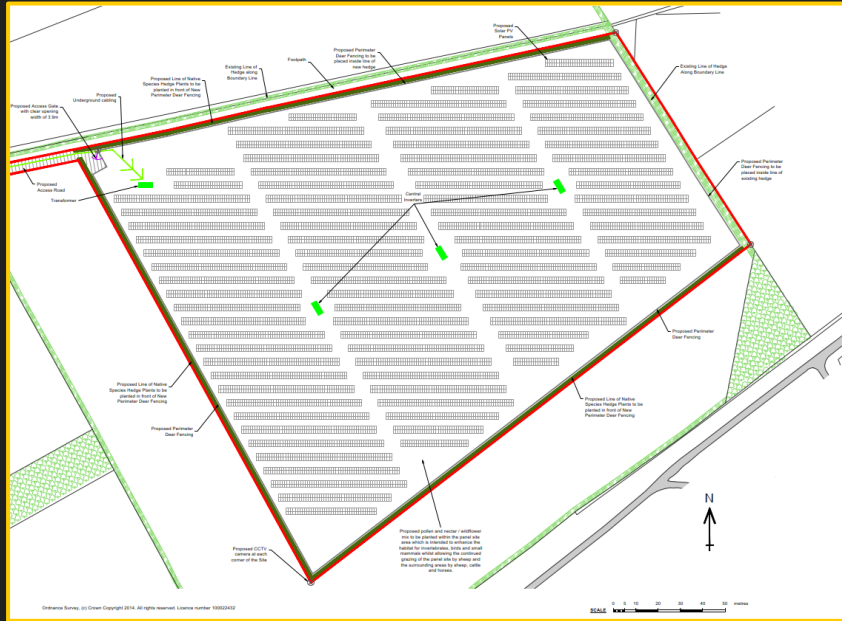
2024: Appoint contractors

2025: Capital raise & break ground

2026: Energise



Updated design



2.374MWp



to

3.6MWp



BiG SOLAR CO-OP

Progress on site

Before Oct 2025:

- o Ecological groundwork
- o Construction compound (inc. welfare)
- o Setting out
- o Trenches, fencing started



BIG SOLAR CO-OP

Progress on site

October — piling starts, fencing, trenching

DNO substation base



BiG SOLar CO-OP

Progress on site

November – DNO substation completed, grid connection being installed, racking & panel mounting underway. Storm Claudia.



Big SOLAR CO-OP

Progress on site

December – DC install continues. Combiner boxes installed. Grid connection completed. Ground conditions deteriorate.



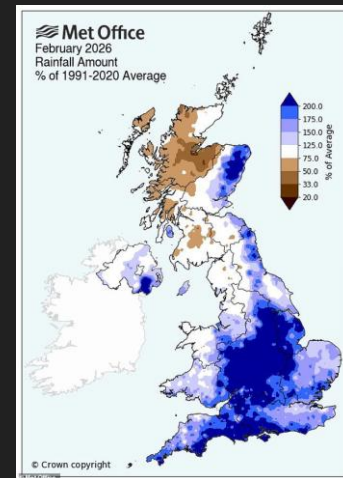
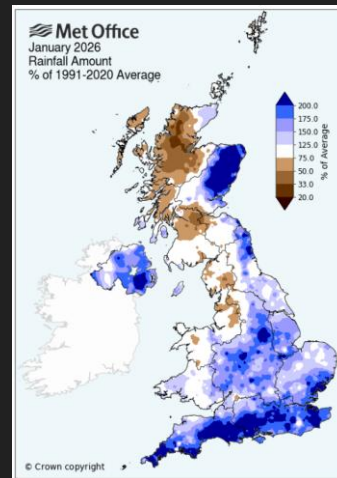
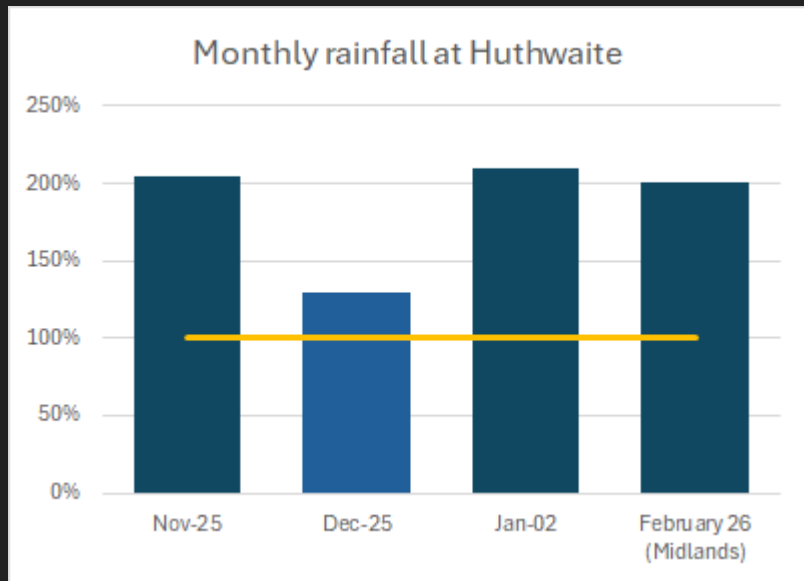
Big SOLAR CO-OP

Bad fortune...

Storm Claudia, November (rain)

Storm Goretti, January: (1 ft of snow)

Storm Chandra, January (more rain)



BIG SOLAR CO-OP

Progress on site

- o January —HV trench started, customer substation plinth built. DC install continues



BIG SOLAR CO-OP

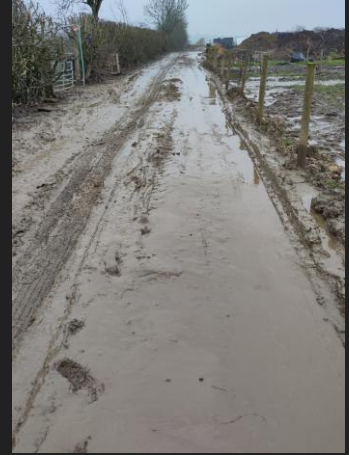
Progress on site

- o February —HV trench completed, cable pulled, DC install completed



Big SOLAR CO-OP

So much mud!



BiG SOLAR CO-OP

Progress on site

- o March-April — Preparation for & land of transformer



Big SOLAR CO-OP

Progress on site

- o May-July(!) – Inverter station & transformer commissioning



BiG SOLAR CO-OP

Phase I

5,200 Meyer Burger panels

1.976MWp



BIG SOLAR CO-OP

Still to do

- o G99 witness test
- o CCTV & comms install
- o Phase 2...



Big SOLAR CO-OP

Phase 2



- Phase 1 = 1.976MW DC + all infrastructure
- Phase 2: target 1.5MW DC - with second-life panels

Second life solar panels

Three sources:

- o Agricultural warehouse, Lincolnshire
- o Broker, Wolverhampton
- o Solar farm, Suffolk

GBECF-funded feasibility study just completed

BeBa
energy

east
green
ENERGY

ReSolar
Refurb | Reuse | Repower



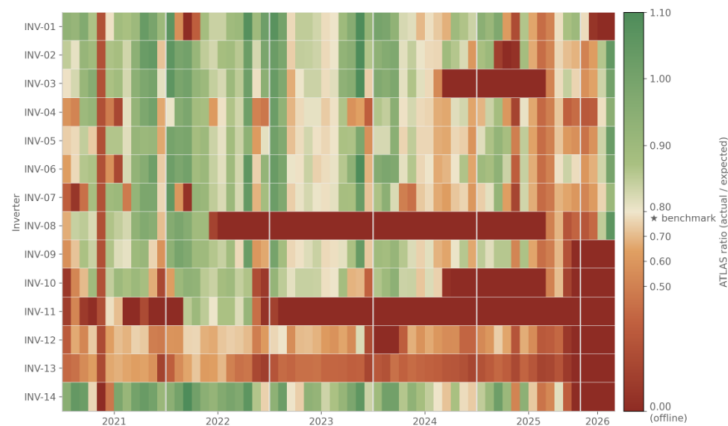
Big SOLAR CO-OP

Second life research

- o Analysis of inverter data
- o Thermographic drone survey
- o Transport in stillages
- o LCA carbon assessment



Fig. 4.2 — Performance index explorer

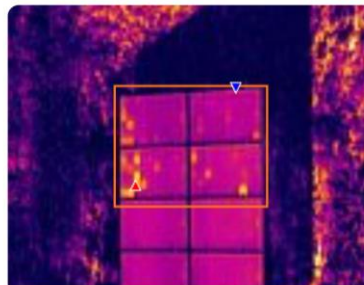


30880683

Severity 2

Low multiple hotspots <20°C Δt

Module



Thermal Readings:

~Avg : 23.27°C Δ : 11.2°C

▲ : 28.60°C ▼ : 17.45°C

Insp2
3_1_1-2AB



BIG SOLAR CO-OP

Happening now...

- Suffolk panels being dismantled & stacked for us
- Phase 2 designs approved and setting out imminently
- G99 witness test being booked



BiG SOLar CO-OP

Panel

- Matt Burnell, Re-Solar
- Jackie Copley, Campaign to Protect Rural England
- Richard Lane, Shareenergy

with Big Solar Co-op's Dean Hill in the chair



BIG SOLAR CO-OP

100
YEARS



Campaign to Protect
Rural England
Shropshire

Total metres of hedgerow planted for 2025/26 at
27 March 2026 (6033m of target of 4000m/4km)

