

Our proposal

The proposed Dupplin Solar & BESS Farm site is located on fields adjacent to the A9 and the A9 to Tibbermore Road.

The development would have an export capacity of up to 75MW (with a build out of 97.5MWp), and an accompanying 15MW BESS.

Dupplin Solar & BESS Farm would comprise approximately 195,000 individual solar panels situated approximately 2.5ft off the ground, facing south and at an angle of up to 20%.

It would also include a BESS with a capacity of 15MW.

The development would supply power directly into the grid via an underground cable to the Burghmuir substation, with an export capacity of up to 75MW.

The proposal would generate enough energy to meet the equivalent annual needs of over 35,000 homes.

We believe this is an excellent site for a solar farm because



Consistent and reliable solar radiation



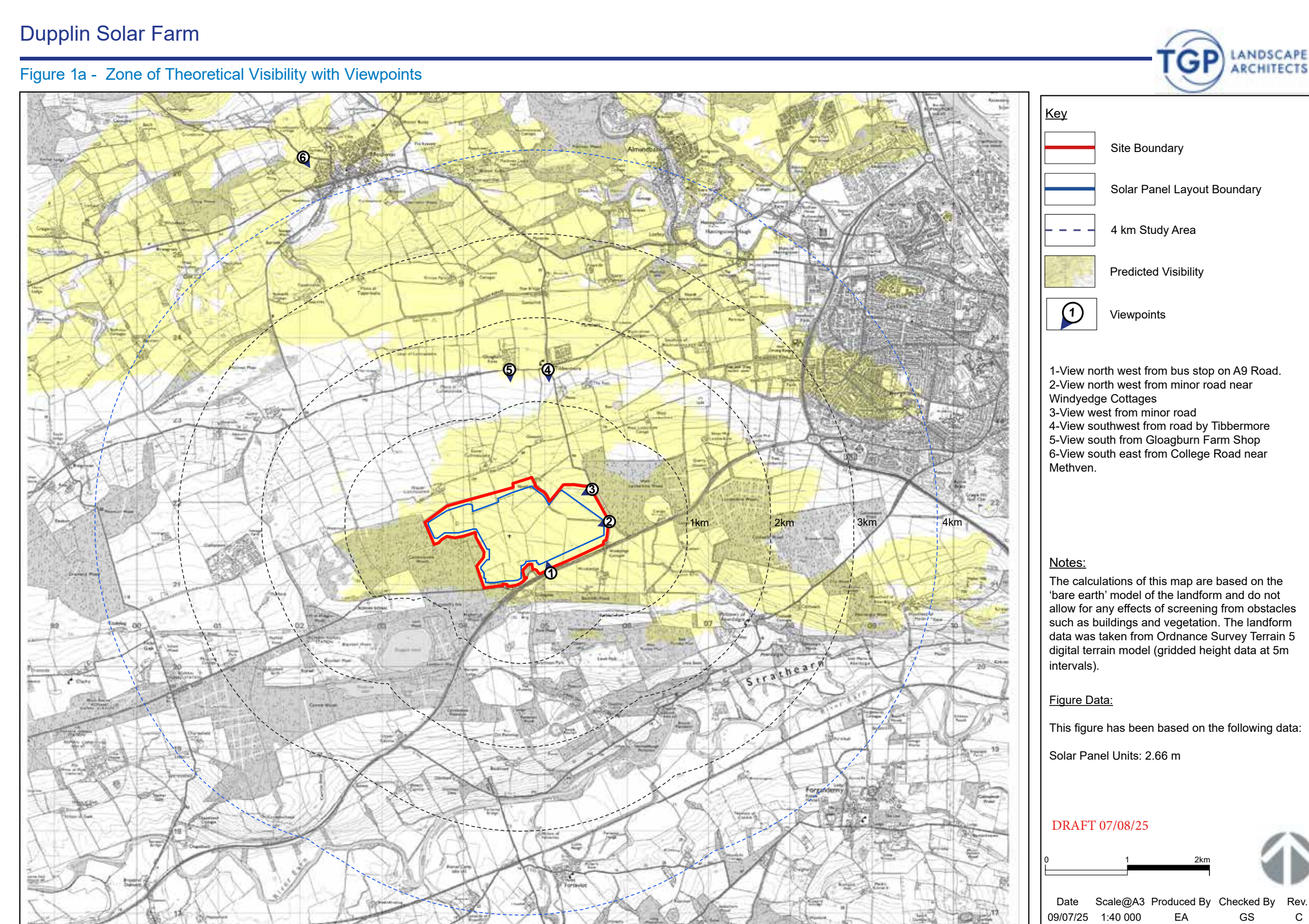
Viable National Grid connection point and route



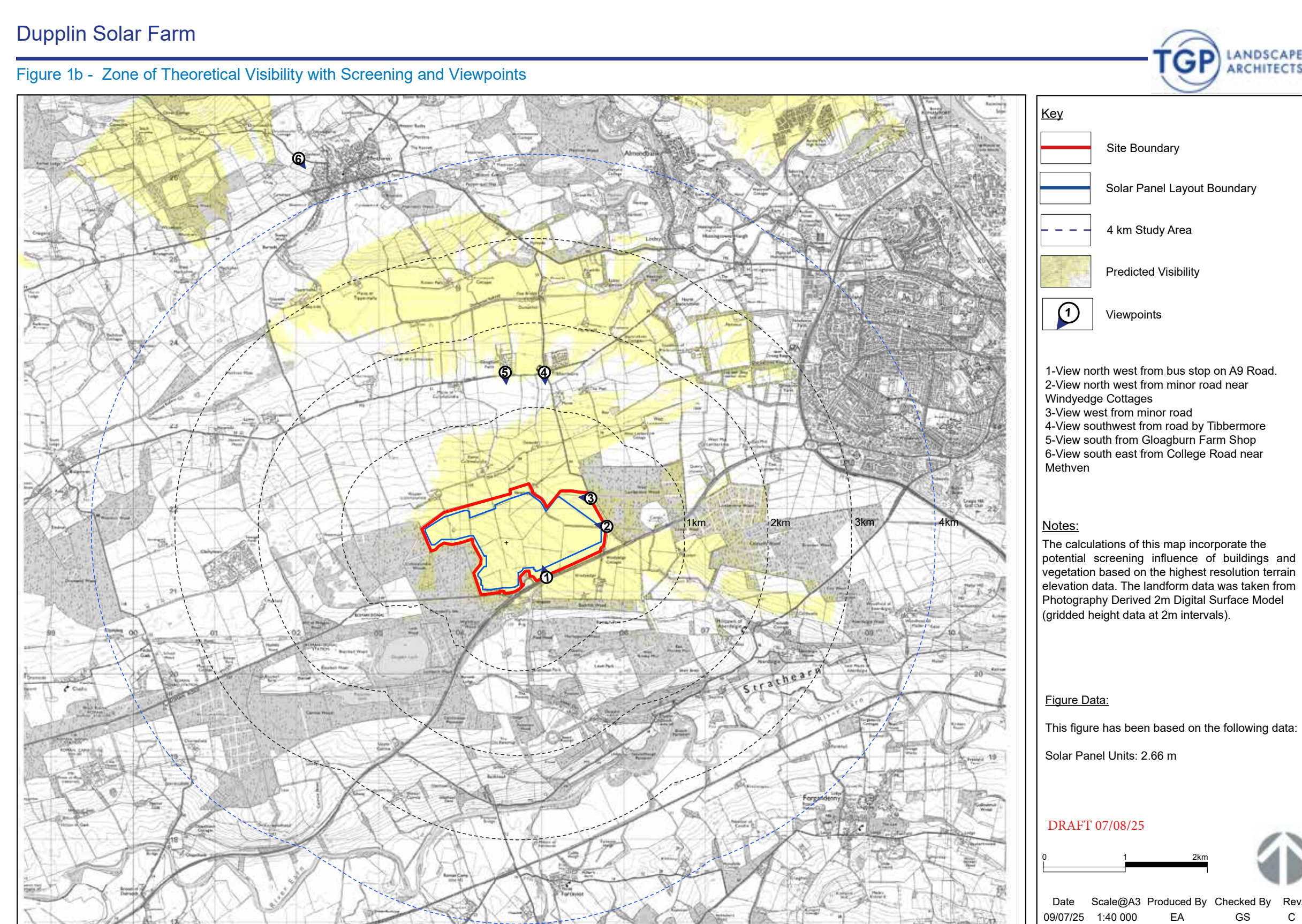
No obvious environmental or technical constraints



Allowance within the estate for incorporated protection buffers and environmental enhancement within the wider site boundary.



BARE EARTH ZTV – THE ‘BARE EARTH’ MODEL OF THE LANDFORM DOES NOT ALLOW FOR ANY EFFECTS OF SCREENING OF THE PROPOSED DEVELOPMENT FROM OBSTACLES SUCH AS BUILDINGS AND VEGETATION.



SCREENED ZTV – INCLUDES THE EXISTING SCREENING INFLUENCE OF BUILDINGS AND VEGETATION BASED ON THE HIGHEST RESOLUTION TERRAIN ELEVATION DATA.

Why solar power?

- Solar can already produce as much as 30% of UK electricity at different points in the year.
- Solar power generation is extremely reliable because we know the exact time of sunrise and sunset each day. This means we can accurately forecast electricity generation from a solar system.
- The primary input - light - is free, so its price is much less volatile than fossil fuels.

- Solar farms can support biodiversity by supporting new and existing plant and animal life. The panels don't take up the whole site, which means space can be set aside for alternative agricultural methods, new hedgerows, grazing and restoration.

Read more about the benefits of solar power in Everything Under the Sun, published by the Solar Energy UK.

www.solarenergyuk.org

If you have any comments or questions about any aspect of the project please talk to a member of the project team or visit our website.

