

PLANNING STATEMENT

Solar Panels at Lower Barn Farm

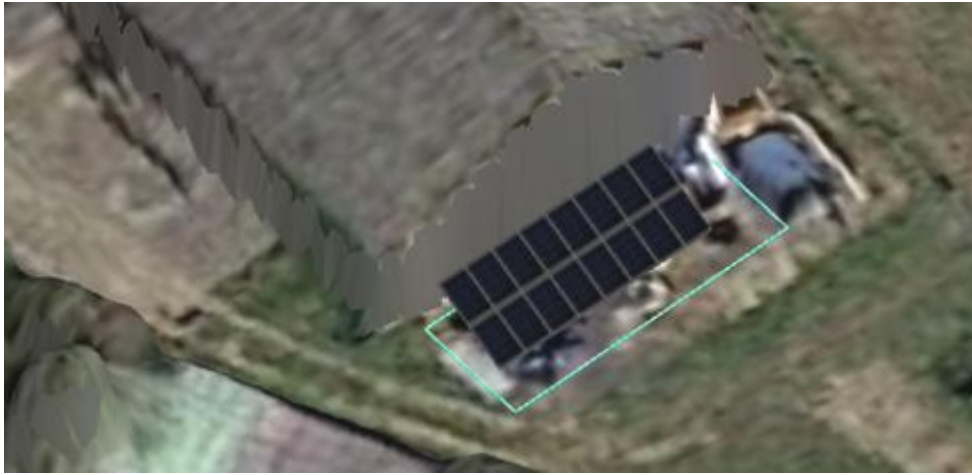
Proposed installation of 16 ground-mounted solar panels, and battery, by Sussex Solar Ltd, Southwater, Horsham. The DMEGC Solar Infinity 470W Mono N-type panels will have a combined estimated annual output of 7,923kWh.

The key objectives are to achieve electricity self-sufficiency for 8 months of the year and improve the ECP rating of the property. However, the panels would also facilitate potential new measures to respond to extreme summer heat, such as the installation and running of HVLS fans to cool animals.

The site for the proposed installation is at the southern end of an agricultural barn, as per the photo below. The base of the site is either concrete or hard-standing and is currently used for storing aggregates, water & drainage piping, sheep hurdles etc.



The panels would be arranged in two rows of eight panels, set on ground mounts at a 25 degree angle to the ground. As per the attached plan, the lower (most southerly) end of the panels will start at a height of 798 millimetres above ground and the top end will reach 2,269 millimetres above ground. Sussex Solar have provided the following mock-up of the panels on the site.



The proposed site lies just over 200 metres to the west of a public footpath, the view from which is attached below. This shows mostly the eastern side of the barn with a view of the southern side just visible from the most southern part of the footpath. Given the drop in the land height across the two intervening fields I do not believe that the panels, mounted to a maximum height of 2.269 metres above ground, would be visible from the footpath.



Access to the proposed site would be via an existing concrete and hard-standing driveway.