

Planning Statement

For West Lampetho Proposed Ground Mounted Solar PV array and ancillary equipment

Background

Since 2010, we have been running a moderately successful eco-self catering holiday letting business for 2 barn conversions in Tywardreath near Fowey. Both of our barns have solar hot water and a portion of electricity from a small-scale wind turbine (6kW) as well as extensive wildlife areas and homegrown Willow for wood-burner heating.

The implementation of this solar PV system will be supporting the Net Zero Carbon aims of our home and small eco holiday letting business.

Our current annual electrical usage is upwards of 10,000kWh and this proposed PV system will provide an estimated 25,000kWh per annum of clean net zero carbon generated electricity. This will also which represent a CO2 saving of 6,600kg/year together with a level of over 74.6% self-sufficiency.

The proposed development supports the Cornwall Local Plan November 2016, which in turn encourages the installation, use and reliance on renewable energy. Policy 14: Renewable and low carbon energy "To increase use and production of renewable and low carbon energy generation development proposals"

Aesthetics

The proposed system will not be visible from anywhere other than our home and holiday accommodation units (our target customers are eco-conscious).

Figure 1 - Illustrative Photo of 1 row of a similar system



The low profile and slope of the ground and adjacent hedges will ensure that they also blend in to the surrounding existing wildlife areas. No existing hedgerows will be altered. New surrounding hedges will be planted to provide sufficient screening. A mixture of native Beech, Oak, Rowan, and Birch will be planted every 500mm around the whole perimeter, and pollarded? in due course to provide adequate screening and encourage further wildlife to nest. This will minimize the overall effect of the amenity of

the area. Adjacent hedges will be kept and maintained to promote wildlife and nesting birds. Wildlife, wildflower and adjacent meadows will be preserved and encouraged, as we currently have been doing since we moved here in 2006.

The land on which the PV array will be sited will continue to be used for agricultural purposes, as it currently is with no change of use whatsoever.

There are no trees within 2 meters of the proposed development. No part of the installation will be higher than 4 meters. The panel installation will be greater than 5 meters from the property boundary. No additional building will be required as all inverter/battery storage will be located within an existing utility room.