

Ascot Heath Primary School

Solar PV Planning Statement.

Bracknell Forest Council

21st March 2024



1. Proposal Overview

The proposal is to install a Solar (PV) System on the flat roof of Ascot Heath Primary School, Rhododendron Walk, Winkfield Row, Ascot SL5 8PN. The purpose of which is to reduce the carbon foot print of the school premises. The proposed Solar (PV) system size is 77.5 kWp output with 148 panels.

2. Building & Proposed Development

The school site has two main teaching buildings. The building proposed to received the Solar PV installation is the main building on the North East side of the school site. It is of single storey construction and is approximate 1350m² GIFA. The roof consists of a number of flat roofs at different levels and a low pitched flat roof to the school hall. Elevations are a mixture of masonry and concrete panels with large windows.

The proposed Solar PV system would be installed on a number of flat roofs and the school hall. It would be located a minimum of 1m from the roof edge, however greater will be achieved on some elevations. The BauderSolar mounting system intended to be used mounts panels at 12 degrees and would project approximately 350mm from the roof covering.

3. Site & Surrounding Buildings

The Ascot Heath Primary is located in North Ascot. The western boundary is on to the Mill Ride Golf Course. The North boundary is on to Rhododendron Walk and beyond this agricultural land. The East and South boundaries are on to residential housing. The school site is surrounded by a hedge with a number of well-established trees.

4. Glare Effect on Neighbours.

The proposed solar PV system will face South West and South East. The South West facing panels are approx 135m from the site boundary. The South West facing panels are approximately Site boundary is approx. 50m from the site boundary. The boundary consist of a small, wooded boundary.

There is not expected to be any impact on the above described neighbours due to the substantial hedge and the single storey nature of the building.