

Planning Application for Solar PV Panels
"Highrising", Fylinghall, Fylingthorpe, Whitby.
Mr. John Golland

Design & Access Statement

- i) The application is for the erection of 16 solar PV panels onto the east facing 20 degree pitch roof of the house. Their purpose is to generate free electricity to be used in the house and help reduce the burning of fossil fuels and make a contribution to the efforts to produce renewable energy and satisfy the government's targets.
- ii) The proposal is to erect an 2 arrays of measuring 7930mm x 1650mm each on the roof where is not visible from the adjacent highway. The slim panels are made fully black anti-reflective glass. Brackets and rails are hidden beneath the panels. Black wiring will run along the black base perimeter of the building and up a vertical black rebate on the north side of the house thus making it not visible from the highway.
- iii) There are no access issues and these remain unchanged. Suppliers and designers have been consulted as to the most attractive and productive array.
- iv) There are no issues which might affect access.
- v) Prospective users will not require any change of access to the development from the existing transport network.
- vi) The current access to the development will be unchanged.

Environmental Statement

If granted, the installation of solar panels will make a significant reduction in the energy usage of the house at "Highrising". It has been calculated that the electricity bills will be reduced by at least 20% in its first year and then increase as energy costs rise.

The panels contribute to the green energy initiative of the government and improve the environment.





EAST ELEVATION FROM THE PUBLIC HIGHWAY

11 NOV 2014