

Energy report

Land at 54, Crossbush Road, Felpham

Ref: FP/43/15/PL

May 2015

The proposal on land at 54, Crossbush Road, Felpham will include a 29m² Photo Voltaic system. This will exceed the required 10% reduction in CO₂ emissions and meets building regulations standards according to Felpham Local Planning Policy ESD11: Increasing the energy efficiency of our buildings.

To achieve this reduction in CO₂ would actually require around 6-8m² of Photo Voltaic panels but we have allowed for more to reduce the emissions further and ensure that the proposal has the potential to comply with modern energy demands in a sustainable way.

It will also be ensured that the building will be extremely well insulated to meet current building regulations.



[Fig 1, not to scale] South Elevation showing location of PV system

A small photo voltaic system enough to achieve 10%, approximately a 1.0 kw pv system, would take up approximately 6 to 8m². Therefore the amount shown will surpass the required amount according to policy ESD11 and ECC SP2 of the emerging local plan.