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Planning and Transportation Service Planning and Building Control
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Our Ref: EP-22-036

Design and Access Statement

- 1) Energy Planning, part of the PWA Planning Group, is retained by Harmony (HS) JV Limited ('the applicant') to submit a planning application for the development of a Battery Energy Storage System ('the proposed development') on land off Tofts Lane, Hunshelf, Sheffield ('the application site').

DESIGN

- 2) The area of the site is approximately 0.48ha. The Site is currently part of a larger pastoral field parcel adjacent to the existing Hunshelf electricity sub-station to the east of the Site. The Site is bound by pastoral farmland to the west and south and Tofts Lane to the north. There are elements of energy infrastructure, including the sub-station, pylons and wind turbines. in the immediate and wider setting of the Site. The settlement of Stockbridge lies approximately 1km to the south and the nearest residential dwelling is Carr Head Farm located over 400m to the southwest of the site.
- 3) The equipment proposed on site comprises of 16no. high efficiency BESS units housed within individual containers and 8no. transformer units, all at a height of up to 3m. The compound will be surrounded by a 2.4m palisade fence, with 4m high CCTV and thermal imaging poles within the site to ensure site security. The site will also include native landscaping.
- 4) The above equipment will sit on concrete plinths within a fenced compound. The remainder of the compound surface will be finished in type 1 aggregate, with a harder sub-base to be used for the short section of access track within the site. It is requested that the final layout and specification of equipment is agreed by condition since at this stage it is not certain who the battery supplier will be.
- 5) A laydown area is indicated close to the entrance of the compound adjacent to the storage and office container, both of which are at a height of up to 3m. To the rear (south west) of the laydown area there will be a customer control room, customer switchgear room and an Aux Transformer, all up to 6m in height.

ACCESS

- 6) A new access into the site would be taken via Tofts Lane, with Tofts Lane accessed via the A6101. There is an existing gate into this site, but this will be moved centrally with the stone wall rebuilt accordingly. A Proposed Construction Plan (ref. no. HS_PSP_Rev M) has been provided to indicate a hardstanding construction laydown area on site where any required parking and vehicle movement on site will occur during construction.