

**From:** Irene O'Keeffe [REDACTED]  
**Sent:** 26 February 2023 10:58  
**To:** Section 62A Applications <section62a@planninginspectorate.gov.uk>  
**Cc:** [REDACTED]

**Subject:** Objection to Solar Farm on Land East of Pelham substation, Maggots End Manuden - Application No. S62A/2022/0011

I am writing to object to the application to construct a solar farm comprising ground mounted solar arrays together with (among other things) battery storage, inverter cabins, a substation, fencing and CCTV cameras on land near Pelham Substation Maggots End Road Manuden CM23 1BJ.

My name is Irene O'Keeffe and I live at [REDACTED]

The reasons for my objection are as follows:

- **I am concerned about the impact of the development on the rich variety of wildlife on the site**
- The site for the development is rich in ecology.
- Page 36 of the Ecological Impact Assessment concludes that it is possible that Greater crested newts are present on the site given that their presence has been detected in five ponds in close proximity to the site.
- A number of red listed bird species noted as being present on the site including skylarks, yellow hammers, yellow wagtails, linnets and song thrushes.
- A study carried out in 2016 estimated that utility-scale solar farms around the US may kill nearly 140,000 birds annually. One leading theory suggests birds mistake the glare from solar panels for the surface of a lake and swoop in for a landing, with deadly results.
- The Ecological Impact Assessment notes that hares are seen on the site but concludes that they are unlikely to be affected! How can this be true when their habitat is being ruined and the site is being surrounded by 2m high perimeter fence.

I frequently see Roe deer wandering across the site because they shelter in Battles Wood. These beautiful creatures will be lost.

- **The visual impact of this huge development cannot be satisfactorily mitigated**

- The land to the East of Brick House End (in front of Battles Wood) slopes upwards towards the wood
- The land to the West of the development is a huge open field – there are no existing hedgerows
- The Planning Committee must visit the site to understand the to full impact that this development will have
- The drawings of the panels submitted show that they will be 3.2 metres high
- Low Carbon’s claim that “the proposed development could be effectively integrated and assimilated into the surrounding landscape” is ridiculous
- The pictures submitted as part of the planning application were taken when there were still leaves on hedges and trees. These plants are deciduous – they will not provide effective screening in winter.
- The planting around the existing battery plant adjacent to the Substation at Stocking Pelham demonstrates that hedges do not provide adequate screening.
- The RHS says that it will take between 20 and 50 years for hawthorn hedges to achieve their full height – this is more than half of the life of the solar farm
- It is unrealistic to expect hedgerows to thrive where low quality plants are planted and then left. Young plants need to be watered in case of prolonged dry spells and/or heat waves, especially during the 2-3 first years after planting.
- During the second year of planting, between February and March, hard pruning of hedges is required to encourage new growth
- Weeding is needed around the base of new plants for the first couple of years to encourage growth
- Do Low Carbon employ gardeners – doubtful!

I strongly urge the Planning Inspectorate to reject this proposal.

Best Regards

Irene O’Keeffe