

From: [REDACTED]
To: [Norfolk Boreas](#)
Subject: Deadline 7
Date: 09 March 2020 16:49:10

Dear Planning Inspector,

re: EN010087-001732

Section 9.0 The Applicants Landscape and Visual Assessment

Q No. 2.9.0.1

Substations Lighting.

The Applicants answer to my comments about the proposed lighting at the Necton Sub-station during normal operation (see their reference above) is unsatisfactory.

In their answer, the Applicant has made mention of the routine maintenance activities being estimated as an average of one visit per week. However, no mention has been made about their proposed annual shutdown periods (surely an annual shutdown for maintenance is classified as being part of normal operation?), which will involve some 24 hours per day work carried out. This omission to mention 24/7 work, or any after dark work, is unacceptable.

Whilst it is appreciated that Health and Safety is a given requirement, the applicants statement that they intend to use 'Industry Standard' lighting equipment should be questioned. Given the size of the development and its certain impact on the surrounding area, including the adjacent Necton Woods, it should be a requirement on the Applicant that special lighting fittings to suit the local environment are installed. It is an established fact that some birds get confused by bright lights at night. They act as if it were daylight and even start their territorial singing, despite it being the middle of the night. Their normal circadian rhythm is disturbed.

The sub-station site is surrounded by a number of villages/communities as the Applicant is aware of. Despite the Applicants denial of their existence there are also some holiday lets and caravan sites which visitors go to for enjoyment of the existing 'rural dark skies'. Experience of night time working at the existing Dudgeon sub-station at Necton shows how this will be ruined. The Applicants sub-station will result in a glowing semi-circle of light in the night sky.

Additionally, traffic on the A47 travelling east will be impacted by the sub-stations bright lights shining across from the site to the road.

I therefore restate my assertion that the Applicant should be required to have special light fittings designed/installed to alleviate these concerns.

Regards,

Tony Smedley

(for NSAG)