

From: NectonSubstationAction Messenger

Sent: 27 August 2020 15:13

To: Norfolk Boreas <NorfolkBoreas@planninginspectorate.gov.uk>

Subject: Response to National Grid DEADLINE 15

Q5.9.5.2 The Applicant; National Grid Finishes for National Grid substation extension a) Further to requests and comments at OFH3, can the electrical equipment required for the National Grid substation extension be coated or manufactured with a matt finish? b) If so, the Applicant is requested to include relevant wording to secure this either in the DAS or in the OLEMS. National Grid understands that the “electrical equipment” referred to specifically relate to busbars. Typically any electrical equipment installed at National Grid substations is either painted by the equipment manufacturer or left bare. In the case of the busbars National Grid do not paint or coat them as it will negatively affect the thermal carrying capability of the assets. Overtime the busbars will dull as they oxidise. If the Examining Authority is referring to any other electrical equipment National Grid requests that they are informed about such equipment and consulted on any painting or finish.

1. If the manufacturer sometimes paints the busbars, why would they not do so in this project?
2. We question the ambiguous use of the words 'over time'. The Dudgeon Substation was started in 2014 - so 6 years ago. There has been no sign of the busbars dulling? How long is 'over time'?

NSAG