



## SPR EA1N and EA2 PROJECTS

### DEADLINE 11 – COMMENTS ON THE DRAWINGS IN THE DESIGN AND LAYOUT OF THE SUBSTATIONS SUBMISSION IN RESPONSE TO R17QE ISSUED ON 13 MAY 2021

Interested Party: SASES      PINS Refs: 20024106 & 20024110

Date: 7 June 2021

Issue: 1

#### INTRODUCTION

In response to a question issued by the Examining Authorities (R17 QE.1) in respect of the overall design and layout of the Friston substations site under various scenarios, the Applicants submitted a number of drawings. Some features are missing from these drawings and they highlight errors and omissions in certain photomontages.

#### ERRORS AND OMISSIONS IN DRAWINGS AND PHOTOMONTAGES

##### Photomontages

1. SASES has been and remains concerned that the photomontages are not accurate. By way of example SASES refers to the following submission by the Applicants.

Substation Photomontages: Figure 29.17 Update Viewpoint 5 Public Rights of Way, near Moor Farm (REP8-057)

<https://infrastructure.planninginspectorate.gov.uk/wp-content/uploads/projects/EN010077/EN010077-004684-ExA.AS-28.D8.V1%2003%20EA1N%20National%20Grid%20GIS%20Substation%20Photomontages%20Figure%2029.17%20Update%20VP5.pdf>

2. This includes a photomontage of the proposed western substation and National Grid GIS substation which shows the westernmost cable sealing end with two gantries.



3. There are a number of errors.
  - a) The OHLs end on the right hand pylon, when of course they continue on
  - b) The quad core OHLs are shown as thin cables
  - c) The cables are inaccurately positioned on the tension pylon, they should be much higher
  - d) None of the OHL insulators are shown (they will be especially prominent on the tension pylon by the western most sealing end)
  - e) The many cables and insulators and hardware from the sealing ends and gantries up to the OHL are not shown.
4. Photographs of complete sealing ends are shown on page 111 of Chapter 6 of the Environmental Statement, Project Description  
<https://infrastructure.planninginspectorate.gov.uk/wp-content/uploads/projects/EN010077/EN010077-001060-6.1.6%20EA1N%20Environmental%20Statement%20Chapter%2006%20Project%20Description.pdf>
5. These show how much more visible the typical final solution is. Further the westernmost cable sealing end has two gantries and two sets of conductors from the gantries up to the OHLs compared to the single one shown in these photographs.
6. Further it is not clear whether these photomontages reflect the larger footprint and more robust design of the four new pylon towers (including the one additional pylon tower) which are shown reflected in the drawings attached to the Applicants' Design and Layout of the Substations submission referred to below.

### **Drawings**

7. The series of drawings attached to the submission shows in addition to the substations, two smaller cable sealing ends, the larger cable sealing end which includes a circuit breaker, and four new pylons. However in none of these drawings is the connection between the two smaller sealing ends and the pylons shown.
8. The attached plan shows such connections and how the cable sealing ends might be configured assuming that the larger cable sealing end (including circuit breaker) is not required for these projects and particularly if only one project is consented or developed.

**SCOTTISH POWER RENEWABLES**

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**East Anglia ONE North**  
**CLMP General Arrangement**

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Figure	3	Sheet	01 of 01

