SPR EA1N and EA2 PROJECTS

DEADLINE 3 – RESPONSE TO ISH2 ACTION POINTS

Interested Party: SASES **IP Reference Nos.** 20024106 and 20024110

Date: 15 December 2020 **Issue:** 1

Introduction

1. SASES's comments on the ISH2 action points are set out below. In respect of a number of action points SASES has chosen to comment even though it was not an identified party on the basis this might be of assistance to the Examining Authorities.

Action Point 3

2. In respect of the matter of costs as referred to at the end of this action point it should be noted that SASES is a residents group. Whilst it does have some financial resources they are limited and have to be managed extremely carefully. Accordingly the non-participation and lack of cooperation of National Grid in the examination process disproportionately affect SASES given its limited resources.

Action Point 7

3. Attached at Appendix 1 is a list of related projects divided between:

    a. those projects, whose onshore elements will be developed in and around Friston, which will or potentially will connect at the new National Grid connection hub; and

    b. related projects which are being carried out in the Sizewell/Leiston area.

4. See also SASES Written Summary of Submissions on Cumulative Impact submitted as part of its post ISH2 submissions.

Action Point 8

5. In this context we would refer the Examining Authorities to a National Grid document which was published by Scottish Power as part of its phase 3.5 consultation – paragraphs 5.4 and 5.5 in particular.

https://www.scottishpowerrenewables.com/userfiles/file/National_Grid_COIN_Process_Connection_Assessment_Note.pdf

Action Point 12

6. In this context we would refer the Examining Authorities to the proposed reconductoring of Sizewell to Bramford OHLs set out in the list of related projects referred to in paragraph 3 above.

Action Point 15

7. Please see attached at Appendix 2 the redacted CION assessment document for EA2 (version 2.0 – 09/10/17) which states the preferred connection option was Leiston. This document also states on page 20 that:

   "*However it is recognised that this option* [meaning Leiston/Friston] *may not be possible therefore HVAC connection to* [redacted, but thought to be Bramford] *will also be considered*."

8. Attached at Appendix 3 is the earlier CION assessment document (Version 2.0 – 18/08/16), also redacted, which states on page 9 that Bramford is the preferred connection solution.

9. These redacted documents were provided by National Grid in response to a request from SASES under the Environmental Information Regulations.

Action Point 19

10. The Red Amber Green Assessment (Appendix 4.2) APP- 443[1]on Page 3 under "Introduction" states at paragraph 5:-

    "*This report does not consider the process of the onshore cable corridor routeing – this will be captured in a subsequent cable routeing optioneering exercise. Similarly, this report does not consider the site selection work undertaken to define the onshore transition bay (landfall) – this is captured in the Wardell Armstrong Landfall Location Options Review."*

    Neither of the above two documents regarding choice of cable route or landfall location have been submitted into the Examination and SASES would request these documents be open to scrutiny by the ExA and IPs.

Action Point 28

11. Please see SASES' comments on the Applicants' SuDS Infiltration Note which form part of its comments on the Applicants' Deadline 2 submissions.

[1] https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010078/EN010078-001596-6.3.4.2%20EA2%20ES%20Appendix%204.2%20RAG%20Assessment%20for%20Onshore%20Substations%20Site%20Selection%20in%20the%20Sizewell%20Area.pdf

APPENDIX 1

SPR EA1N and EA2 PROJECTS

UPDATED SCHEDULE OF RELATED PROJECTS FOR DEADLINE 3

Interested Party: SASES **PINS Refs:** 20024106 & 20024110

Date: 15 December 2020 **Issue:** 11

PROJECTS WITH ACTUAL OR POTENTIAL GRID CONNECTION AT FRISTON

Project Name	Sponsor	PINS Reference	Published references	Potential onshore resources to be built	Activity Dates (approximate)
East Anglia 1 North wind farm	Scottish Power Renewables	EN010077	Para 5.4 confirms that the new NGET substation will be required to also service the Nautilus and Eurolink Interconnectors https://www.scottishpowerrenewables.com/userfiles/file/National_Grid_COIN_Process_Connection_Assessment_Note.pdf	2 cable trenches and 6 cables from landfall to 1 HVAC substation then further cables to adjacent NGET substation	2021-2030
East Anglia 2 wind farm	Scottish Power Renewables	EN010078	Para 5.4 confirms that the new NGET substation will be required to also service the Nautilus and Eurolink Interconnectors https://www.scottishpowerrenewables.com/userfiles/file/National_Grid_COIN_Process_Connection_Assessment_Note.pdf	2 cable trenches and 6 cables from landfall to 1 HVAC substation then further cables to adjacent NGET substation	2021-2030

NGET Leiston 400kV Substation to be constructed at Friston	National Grid	Part of EN010077 & EN010078	Refer to page 20 para 2 of https://www.nationalgrid.com/uk/electricity-transmission/document/132296/download	1 AIS or GIS 400kV substation with 3 sealing ends with gantries, one with an extra circuit breaker and instrumentation, plus one new and two modified pylons with associated OHL alterations	2021-2027
Nautilus Interconnector	National Grid Ventures	In process	https://www.nationalgrid.com/group/about-us/what-we-do/national-grid-ventures/interconnectors-connecting-cleaner-future/nautilus and http://sases.org.uk/wp-content/uploads/2018/08/National-Grid-Briefing-Note-Interconenctors-Sizewell.pdf	1 cable trench and 2 cables from landfall to 1 HVDC converter station then further cables to NGET substation	2022-2028
Eurolink Interconnector	National Grid Ventures	TBA	http://sases.org.uk/wp-content/uploads/2018/08/National-Grid-Briefing-Note-Interconenctors-Sizewell.pdf	1 cable trench and 2 cables from landfall to 1 HVDC converter station then further cables to NGET substation	2022-2028
North Falls (Greater Gabbard Extension) wind farm	North Falls	EN010119	Event dates for https://www.northfallsoffshore.com/ Grid connection granted or pending https://www.4coffshore.com/windfarms/united-kingdom/north-falls-united-kingdom-uk4j.html	2 cable trenches and 6 cables from landfall to 1 HVAC substation then further cables to NGET substation	2022-2030
Five Estuaries (Galloper	Five Estuaries	In process	Basic information https://fiveestuaries.co.uk/about/	2 cable trenches and 6 cables from landfall to 1 HVAC substation then	2022-2030

Extension) wind farm			https://www.4coffshore.com/windfarms/united-kingdom/project-dates-for-five-estuaries-uk4i.html	further cables to NGET substation	
SCD1 Interconnector	National Grid	TBA	Appendix 1 of https://www.nationalgrid.com/uk/electricity-transmission/document/134036/download NOA Page 100 refers to need for SCD1 https://www.nationalgrideso.com/document/162356/download	1 cable trench and 2 or 3 cables from landfall to 1 HVDC converter station then further cables to NGET substation	2022-2028
SCD2 Interconnector	National Grid	TBA	NOA Page 100 refers to SCD2 https://www.nationalgrideso.com/document/162356/download	1 cable trench and 2 or 3 cables from landfall to 1 HVDC converter station then further cables to NGET substation	2030-2036
Other projects targeting “Sizewell” (Crown Estate Round 4 etc.)	Unknown	TBA	NGESO Review document page 112 refers to Sizewell as connection point https://www.nationalgrideso.com/document/177221/download	Cable trenches, cables and substations/converter stations up to 2030, possible coordinated solution post 2030	2025-2035

OTHER RELATED PROJECTS

Project Name	Sponsor	PINS Reference	Published references	Potential onshore resources to be built	Activity Dates (approximate)
Sizewell A Decommissioning	Nuclear Decommissioning Agency	Not applicable	Includes demolition of turbine halls. http://www.onr.org.uk/documents/2020/eiadr-emp-sizewell-a-2020.pdf	Limited impact as within nuclear boundary	Ongoing until 2125
Sizewell B Relocation	EdF	N/A	https://rlfsizewellb.co.uk/	New car park and Visitor's Centre etc.	2021-2025
*Reconductoring of Sizewell to Bramford OHLs	National Grid	Not applicable	Refer to para 5.1 of https://www.scottishpowerrenewables.com/userfiles/file/National_Grid_COIN_Process_Connection_Assessment_Note.pdf for justification	Establishment of vehicular access to all pylons along route followed by removal/replacement of overhead wires	2025-2027
Sizewell C Nuclear Power Station	EdF	EN010012	https://www.edfenergy.com/sites/default/files/edf-szc4-sumdoc_digital_compressed.pdf	1 twin reactor power station 1 NGET 400kV substation	2023-2035

***The "reconductoring" of Sizewell to Branford OHLs is required to provide additional capacity on the existing pylons. The necessity for that additional capacity can only be because National Grid foresee a number of projects needing to connect to these OHLs.**

APPENDIX 2

Redacted CION assessment document for EA2 (version 2.0 – 09/10/17) – Leiston

APPENDIX 3

Redacted CION assessment document (Version 2.0 – 18/08/16) - Bramford