

**From:** [REDACTED]  
**To:** [East Anglia ONE North; East Anglia Two](#)  
**Subject:** DEADLINE 4 Submission EA1N- EN010077 and EA2 - EN010078 My Ref ID No 20023339 and 20023340  
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Dear Examining Authority

I would like to respond and take issue with ScottishPower Renewables [Submission of Oral Case Issue Specific Hearing 2 on 2nd and 3rd of December 2020: Onshore Siting, Design and Construction](#)

In their submission they state

3.1.4.2 Initial Options Appraisal 57. To comply with the statutory duties under Section 9 of the Electricity Act, the preferred connection design should be the most economic and efficient when considering both offshore and onshore works. Considering National Grids TO works and the developers' specific OFTO works.

and yet the BEIS Offshore Coordination Phase 1 Final Report Published Date - 16 December 2020

states... **Adopting an integrated approach for all offshore projects to be delivered from 2025 has the potential to save consumers approximately £6 billion**, or 18 per cent, in capital and operating expenditure between now and 2050

SPC state that they considered the following sites for onshore substations

3.1.4.1 Connection Locations Considered 56. The connections points considered in the CION are listed below: • Bradwell • Bramford 400kV substation • Cromer / Bacton area • Dereham / Shipdham Airfield / Brandon Parva area • Diss / Eye Airfield area • Kings Lynn • Leiston 400kV substation • Little Dunham / Necton • Lowestoft area • Norwich 400kV substation • Sizewell 400kV substation • Walpole 400t kV substation

They did not consider an integrated offshore grid connection

and yet the BEIS Offshore Coordination Phase 1 Final Report Published Date - 16 December 2020

states... **The majority of the technology required for the integrated design is available now** or will be by 2030. However, a key component to release the full benefits of an integrated solution are high voltage direct current (HVDC) circuit breakers. A targeted innovation strategy in the UK, along with support for early commercial use, could help progress HVDC circuit breakers to commercial use and **establish Great Britain as a world leader in offshore grids.**

There are many other uses of old and outdated reports in the SPC submission which lead the reader to believe that they had a predetermined objective in mind... a substation at Friston, and not an **innovative solution** which is what the recent BEIS review requires.

**There is therefore a need to deploy innovative and flexible approaches to the connection of offshore wind in the intervening period until a new enduring, integrated, approach is in place.**

Kind regards

Alan Hatfield