



Hornsea Project Four

A1.4.1 Project Description Schedule of Change

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Prepared Faye McGinn, Orsted, January 2022
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Revision Summary

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Revision Change Log

<i>Rev</i>	<i>Page</i>	<i>Section</i>	<i>Description</i>
01	N/A	N/A	Submitted as part of Applicant response to Section 51 advice.

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Glossary

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Acronyms

Term	Definition
Section 51 Update - Non	

Table 1: Section 51 Amendments.

Section 51					
<i>Amendment ID</i>	<i>Location of Amendment</i>	<i>New Location (if numbering amended)</i>	<i>Amendment Proposer</i>	<i>Reason for Amendment</i>	<i>Amendment</i>
0.001	Page 21 4.5.6.1		Planning Inspectorate	Section 51 advice - Clarification regarding Energy Balancing Infrastructure (EBI)	Further, Offshore Wind will pay a key role in helping to decarbonise other sectors; for instance, industry and heating networks, by using Power to Gas technologies such as electrolysis to produce Hydrogen , replacing other fuels or feedstocks reliant upon Natural Gas.
0.002	Page 21 4.5.6.2		Planning Inspectorate	Section 51 advice - Clarification regarding Energy Balancing Infrastructure (EBI)	EBI will comprise of any (or a combination of) the following: energy storage technology such as batteries or a more suitable alternative, energy conversion technology such as power converters, hydrogen electrolysis, plus associated pipework, storage vessels and control systems, balance of plant equipment such as transformers and switchgear and cables to connect it to the substation. If onshore , it may be constructed in 2 parts on either side of the substation to maximise availability by ensuring one part is always running even if the other is undergoing maintenance, with the exact configuration determined post-consent.
0.003	Page 21 4.5.6.3		Planning Inspectorate	Section 51 advice - Clarification regarding Energy Balancing Infrastructure (EBI)	EBI is proposed to be housed in single or multiple building(s), several containers, in an open yard or a combination of the above. All energy balancing equipment will be housed wholly within the footprint of the onshore or offshore substations (see Figure 4.23). The final design of the EBI will be agreed in writing with East Riding of Yorkshire Council (ERYC) as set out in F2.13: Outline Design Plan.