



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement – Volume 3 – Appendix 21.7 Cumulative Effects Assessment Matrix (Stage 3 & 4)

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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APPENDIX 21.7 HERITAGE AND ARCHAEOLOGY CUMULATIVE EFFECT ASSESSMENT MATRIX (STAGE 3 & 4)

1.1. INTRODUCTION

- 1.1.1.1. This document should be read in conjunction with Chapter 29 (Cumulative Effects) of the Environmental Statement ('ES'), Chapter 21 (Heritage and Archaeology) of the ES Volume 1 (document references 6.1.29 and 6.1.21) and Appendix 21.6 (Heritage and Archaeology Cumulative Effects Assessment Matrix (Stage 1 & 2)) of the ES Volume 2 (document reference 6.3.21.6)).
- 1.1.1.2. The Cumulative Effects Assessment ('CEA') for the Proposed Development follows the recommended approach as detailed by the Planning Inspectorate ('PINS') in PINS Advice Note Seventeen (Planning Inspectorate, 2015). This document summarises the final stages of the CEA approach which include:
- Stage 3 – Collate information on the developments identified at Stage 2; and
 - Stage 4 – Review the Stage 2 project to assessed whether cumulative effects may arise.
- 1.1.1.3. Table 1 summarises the potential cumulative effects of the short-listed developments with the Proposed Development in relation to above ground Heritage assets. An assessment of cumulative effects in relation to below-ground archaeological remains across the Site has been scoped out (see Appendix 21.6 (Heritage and Archaeology CEA Matrix (Stage 1 & 2))). For intangible and deeply below-ground heritage assets it is not feasible to quantify accurately the nature of the resource across the assessment Study Area, which would enable the identification of a cumulative impact and potential elevated effect. There is a likely shared potential between the Proposed Development and the other nominated schemes for archaeological remains. As such, the overall significance of cumulative effects is beyond the forecasting ability.
- 1.1.1.4. The committed developments within and adjacent to the Order Limits share the same sensitive receptors as the Proposed Development, namely: permanent changes to the setting of heritage assets located in within and in the vicinity of the Order Limits.

Table 1 – Stage 3 & 4 CEA Matrix for Heritage and Archaeology

ID	Tier	Application Reference	Application for development and brief description	Assessment of cumulative effect	Proposed mitigation applicable	Residual cumulative effect
36	Tier 1	Land Bounded by Tanners Lane, Kidmore Lane and Anmore Road, Denmead 17/00335/F UL	Erection of 91 residential units, associated public open space, residents car park, landscaping, access, car parking, partial realignment of road junction and associated works (resubmission).	<p>The proposals entail residential development within rural land on the edge of Denmead Village, 1.6 km to the south-east of the proposed Converter Station footprint. Building heights would be at a maximum of 2 storeys.</p> <p>The nearby sensitive receptors comprise the Farmhouse at Little Denmead Farm (A101), Barn at Little Denmead Farm (A101), Bleak Cottage (A93), Pyles Farmhouse (A84) and</p>	n/a	Negligible

				Stoneacre (A120). None of these assets were reported as being affected in terms of historic setting due to the Proposed Converter Station and there would be no inter-visibility between Scotland (Cottage) further north, of which a minor adverse affect has been reported. No cumulative effect predicted.		
66		Fraser Range 19/00420/F UL	Part demolition and redevelopment of the site. Including the conversion of three existing structures and construction of new buildings (108 apartments and 26 houses), associated access, parking and landscaping works and	The sensitive receptor comprises Fort Cumberland Scheduled Monument (A96), which also contains four listed buildings. In isolation, the Fraser Range development scheme is harmful to the significance of some	n/a	Negligible

			<p>construction of new seawall flood defences.</p>	<p>elements of the significance of Fort Cumberland (A96), in particular how historic fields of fire to the south-west are affected.</p> <p>However, based on negligible impact from ORS building(s) associated with the Landfall, prior to mitigation (embedded or secondary) there would no cumulative or in-combination effect.</p>		
67	1	57524/001	<p>Land south of Lovedean Electricity Substation</p> <p>Installation of two energy storage systems and associated infrastructure with a total capacity of 49.95 MW</p>	<p>The maximum height would be 5.8 m for the 132kv Substation surrounding by a 2.5 m high palisade fence.</p> <p>The sensitive receptors comprise Denmead Farmhouse (A109), Granary 20 m West of</p>	n/a	Negligible

				<p>Denmead Farmhouse (A109), Barn Cottage (A102), Farmhouse at Little Denmead Farm (A101), Barn at Little Denmead Farm (A101), Bleak Cottage (A93).</p> <p>None of these assets were reported as being affected by the Proposed Converter Station and there would be no inter-visibility with Scotland (Cottage) as such no combined cumulative effect is predicted.</p>		
70		(32642/003)	<p>Lovedean Electricity Station, Broadway Lane, Lovedean, Waterlooille, PO8 0SJ (32642/003)</p>	<p>Proposals entail installation of a 30 m high Telecommunication mast in the south-east part of the existing Lovedean Substation.</p>	n/a	Negligible

			<p>The main sensitive receptor is Scotland (cottage), 2.7 km to the north of the development; of which a minor adverse effect is predicted due to the introduction of the proposed Converter Station.</p> <p>Based on the massing and distance of the proposed antenna, it is not likely to be visible from Scotland 'Cottage', 2.7 km to the north. This was supported by viewpoint 15. As such, no cumulative or combined effect is predicted.</p>		
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REFERENCES

Planning Inspectorate. (2015). Advice note seventeen: Cumulative effects assessment relevant to nationally significant infrastructure.

