



Executive Summary and Conclusion

Report to Inform Appropriate Assessment (RIAA)

2024

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1. EXECUTIVE SUMMARY

1. This Report to Inform Appropriate Assessment (RIAA) presents the findings of a study to inform the second stage of the Habitats Regulations Appraisal (HRA) required for the Array in order to comply with the Habitats Regulations.
2. The study set out in this report (a study to inform an Appropriate Assessment) assesses whether the Array could have adverse effects (either alone or in combination with other plans or projects), on the integrity of 47 European sites (12 Special Areas of Conservation (SACs) and 35 Special Protection Areas (SPAs), of which 16 are also Ramsar sites) for which the potential for Likely Significant Effects (LSE²) could not be ruled out.
3. An Appropriate Assessment of the Array has been carried out in view of the conservation objectives for each European site screened into the assessment, using the best available evidence, and in view of the measures proposed to avoid or mitigate the potential for adverse effects. This has been undertaken for impacts associated with the Array alone and in-combination with other plans and projects.
4. The assessment of the potential for adverse effects on European site integrity is made with reference to the sites' overall ecological functions and the lasting preservation of the constitutive characteristics of the sites.

1.1. ANNEX I HABITATS

5. The Array HRA Stage One LSE² Screening Report (appendix 1A) did not identify the potential for LSE² on any Annex I habitats, therefore none were advanced to the RIAA.

1.2. ANNEX II DIADROMOUS FISH SPECIES

6. The Array HRA Stage One LSE² Screening Report (appendix 1A) identified the potential for LSE² on nine SACs for Annex II diadromous fish species and dependent features, which have been assessed in the HRA Stage Two RIAA. The conclusions of Part 2 (SAC Assessments) of the HRA Stage Two RIAA for the European sites assessed for Annex II diadromous fish are summarised in Table 1.1 in order of increasing distance from the Array.

1.3. ANNEX II MARINE MAMMALS

7. Following Array HRA Stage One LSE² Screening and consideration of stakeholder feedback from the EIA Scoping Opinion, the potential for LSE² has been identified for three SACs for Annex II marine mammals, which have been assessed in the HRA Stage Two RIAA. The conclusions of Part 2 (SAC Assessment) of the HRA Stage Two RIAA for the European sites assessed for Annex II marine mammals are summarised in Table 1.2 in order of increasing distance from the Array.

1.4. OFFSHORE ORNITHOLOGY

8. The Array HRA Stage One Screening Report identified the potential for LSE² on 35 SPAs for ornithological features (of which, 16 are also Ramsar sites), which have been assessed in the HRA Stage Two RIAA. The conclusions of the Part 3 (SPA and Ramsar Site Assessments) of the HRA Stage Two RIAA for the European sites assessed for ornithological features are summarised in Table 1.3 in alphabetical order.

1.5. OVERARCHING CONCLUSION

9. This report summarises the findings of a study to inform the second stage of the Habitats Regulations Appraisal required for the Array to ensure compliance with the Habitats Regulations.
10. Based on the information presented within Part 2 of this HRA Stage Two RIAA, it is considered that the Array, acting either alone or in-combination with other plans and projects, will not lead to an Adverse Effect on Integrity (AEOI) on any of the 12 SACs considered.
11. Based on the information presented within Part 3 of this HRA Stage Two RIAA, it is considered that the Array alone will not lead to an AEOI on any of the 35 SPAs and Ramsar Sites considered. However, a potential AEOI was identified at seven SPAs and for three qualifying species as a result of disturbance and displacement and/or collision during the operation and maintenance phase of the Array in-combination with other plans and projects:
 - Buchan Ness to Collieston Coast SPA;
 - seabird assemblage (with regards to kittiwake *Rissa tridactyla*);
 - East Caithness Cliffs SPA;
 - kittiwake and seabird assemblage (with regards to kittiwake);
 - Flamborough and Filey Coast SPA;
 - kittiwake, gannet *Morus bassanus*, and seabird assemblage (with regards to gannet and kittiwake);
 - Forth Islands SPA;
 - gannet and seabird assemblage (with regards to gannet and kittiwake);
 - Fowlsheugh SPA;
 - kittiwake and seabird assemblage (with regards to kittiwake and razorbill *Alca torda*);
 - North Caithness Cliffs SPA;
 - seabird assemblage (with regards to kittiwake); and
 - Troup, Pennan and Lion's Head SPA
 - kittiwake and seabird assemblage (with regards to kittiwake).

Table 1.1: Summary of Conclusions on the AEOI of the SACs Designated for Annex II Diadromous Fish

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impact	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
Annex II Diadromous Fish						
UK0030251	River Dee SAC	Atlantic salmon and freshwater pearl mussel	Construction	Underwater noise generated during piling and Unexploded Ordnance (UXO) clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to Electromagnetic Fields (EMFs) from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0030262	River South Esk SAC	Atlantic salmon and freshwater pearl mussel	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0030292	Tweed Estuary SAC	Sea lamprey	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0012691	River Tweed SAC	Atlantic salmon and sea lamprey	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0030312	River Tay SAC	Atlantic salmon and sea lamprey	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0019811	River Spey SAC	Atlantic salmon, freshwater pearl mussel, and sea lamprey	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0030088	Berriedale and Langwell Waters SAC	Atlantic salmon	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0030263	River Teith SAC	Atlantic salmon and sea lamprey	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0030261	River Oykel SAC	Atlantic salmon and freshwater pearl mussel	Construction	Underwater noise generated during piling and UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Effects due to EMFs from subsea electrical cabling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

Table 1.2: Summary of Conclusions on the AEOI of the SACs Designated for Annex II Marine Mammals

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impact	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
Annex II Marine Mammals						
UK0017072	Berwickshire and North Northumberland Coast SAC	Grey seal	Construction	Underwater noise generated during piling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Underwater noise generated during UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance due to site-investigation surveys (including geophysical surveys)*	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Changes in prey availability	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Entanglement	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance from underwater noise generated during the operation of floating wind turbines and anchor mooring lines	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance due to site-investigation surveys (including geophysical surveys)*	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK0030311	Southern North Sea SAC	Harbour porpoise	Construction	Underwater noise generated during piling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Underwater noise generated during UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance due to site-investigation surveys (including geophysical surveys)*	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Changes in prey availability	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Entanglement	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance from underwater noise generated during the operation of floating wind turbines and anchor mooring lines	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance due to site-investigation surveys (including geophysical surveys)*	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impact	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
UK0019808	Moray Firth SAC	Bottlenose dolphin	Construction	Underwater noise generated during piling	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Underwater noise generated during UXO clearance	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance due to site-investigation surveys (including geophysical surveys)*	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Changes in prey availability	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	Entanglement	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance from underwater noise generated during the operation of floating wind turbines and anchor mooring lines	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
				Injury and disturbance due to site-investigation surveys (including geophysical surveys)*	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

*It should be noted that only disturbance due to underwater noise generated during site-investigation surveys was assessed in the in-combination assessment, based on the low injury ranges modelled for the Array alone (see Part 2 of this RIAA).

Table 1.3: Summary of Conclusions on the AEOI of the SPAs and Ramsar Sites Designated for Offshore Ornithology

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impacts	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
Seabirds						
UK9002491	Buchan Ness to Collieston Coast SPA	<ul style="list-style-type: none"> breeding seabird assemblage (potential LSE² due to impacts on kittiwake) 	Construction	<ul style="list-style-type: none"> disturbance and displacement changes to prey availability 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	Potential adverse effect on the integrity of the site for seabird assemblage, with regards to kittiwake (collision alone and displacement and collision combined).
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9002151	Copinsay SPA	<ul style="list-style-type: none"> breeding seabird assemblage (potential LSE² due to impacts on kittiwake). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9006031	Coquet Island SPA	<ul style="list-style-type: none"> breeding seabird assemblage (potential LSE² due to impacts on puffin <i>Fratercula arctica</i>). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9001182	East Caithness Cliffs SPA	<ul style="list-style-type: none"> breeding kittiwake; and breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	<p>Potential adverse effect on the integrity of the site for kittiwake (disturbance and displacement alone, collision alone and displacement and collision combined).</p> <p>Potential adverse effect on the integrity of the site for seabird assemblage, with regards to kittiwake (collision alone and displacement and collision combined).</p>
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impacts	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
UK9002091	Fair Isle SPA	<ul style="list-style-type: none"> breeding seabird assemblage (potential LSE² due to impacts on northern gannet <i>Morus bassanus</i>). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9006021	Farne Islands SPA	<ul style="list-style-type: none"> breeding seabird assemblage (potential LSE² due to impacts on puffin and kittiwake). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site.
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9006101	Flamborough and Filey Coast SPA	<ul style="list-style-type: none"> breeding gannet; breeding guillemot <i>Uria aalge</i>; breeding kittiwake; and breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	<p>No adverse effect on the integrity of the site for guillemot.</p> <p>Potential adverse effect on the integrity of the site for kittiwake (collision alone and displacement and collision combined).</p> <p>Potential adverse effect on the integrity of the site for gannet (collision alone and displacement and collision combined).</p> <p>Potential adverse effect on the integrity of the site for seabird assemblage, with regards to gannet and kittiwake (collision alone and displacement and collision combined).</p>
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impacts	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
UK9004171	Forth Islands SPA	<ul style="list-style-type: none"> breeding gannet; breeding puffin; and breeding seabird assemblage (potential LSE² due to impacts on the above species and kittiwake). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	<p>No adverse effect on the integrity of the site for puffin</p> <p>Potential adverse effect on the integrity of the site for gannet (displacement and collision combined).</p> <p>Potential adverse effect on the integrity of the site for seabird assemblage, with regards to gannet and kittiwake (displacement and collision combined).</p>
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9002271	Fowlsheugh SPA	<ul style="list-style-type: none"> breeding kittiwake; and breeding seabird assemblage (potential LSE² due to impacts on the above species and razorbill) 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	<p>Potential adverse effect on the integrity of the site for kittiwake (disturbance and displacement, and collision alone and displacement and collision combined).</p> <p>Potential adverse effect on the integrity of the site for seabird assemblage, with regards to kittiwake and razorbill (displacement and collision alone, and displacement and collision combined).</p>
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9002011	Hermaness, Saxa Vord and Valla Field SPA	<ul style="list-style-type: none"> breeding gannet; and breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impacts	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
UK9001181	North Caithness Cliffs SPA	<ul style="list-style-type: none"> breeding seabird assemblage (potential LSE² due to impacts on breeding kittiwake). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	Potential adverse effect on the integrity of the site for seabird assemblage, with regards to kittiwake (collision alone and displacement and collision combined).
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9001011	North Rona and Sula Sgeir SPA	<ul style="list-style-type: none"> breeding gannet; and breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9002081	Noss SPA	<ul style="list-style-type: none"> breeding gannet; and breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9020316	Outer Firth of Forth and St Andrews Bay Complex SPA	<ul style="list-style-type: none"> non-breeding red-throated diver <i>Gavia stellata</i>; non-breeding Slavonian grebe <i>Podiceps uratus</i>; non-breeding eider <i>Somateria mollissima</i>; non-breeding shag <i>Phalacrocorax aristotelis</i>; migratory waterbird assemblage (potential LSE² due to impacts on long-tailed duck <i>Clangula hyemalis</i>, common scoter <i>Melanitta nigra</i>, velvet scoter <i>Melanitta fusca</i>, goldeneye <i>Bucephala clangula</i>, and red-breasted merganser <i>Mergus serrator</i>); non-breeding seabird assemblage (potential LSE² due to impacts on guillemot, shag and razorbill); and breeding seabird assemblage (potential LSE² due to impacts on puffin, kittiwake and guillemot). 	Construction	<ul style="list-style-type: none"> disturbance and displacement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impacts	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
UK9004271	St Abb's Head to Fast Castle SPA	<ul style="list-style-type: none"> breeding seabird assemblage (potential LSE² due to impacts on kittiwake). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site for seabird assemblage, with regards to kittiwake (displacement, and collision alone, and displacement and collision combined) due to Berwick Bank Offshore Wind Farm identifying an AEOI because its impact on the kittiwake features will be fully compensated.
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9001031	St Kilda SPA	<ul style="list-style-type: none"> breeding gannet; breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; changes to prey availability; and artificial light. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; artificial light; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; changes to prey availability; and artificial light. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9002181	Sule Skerry and Sule Stack SPA	<ul style="list-style-type: none"> breeding gannet; and breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; barrier to movement; and entanglement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

Site ID	Site Name	Relevant Qualifying Features	Project Phase	Potential Impacts	Conclusion for the Assessment on the Array Alone	Conclusion for the Assessment on the Array In-Combination with other Plans and Projects
UK9002471	Troup, Pennan and Lion's Heads SPA	<ul style="list-style-type: none"> breeding kittiwake; and breeding seabird assemblage (potential LSE² due to impacts on the above species). 	Construction	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
			Operation and maintenance	<ul style="list-style-type: none"> disturbance and displacement; collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	<p>Potential adverse effect on the integrity of the site for kittiwake (collision alone and displacement and collision combined).</p> <p>Potential adverse effect on the integrity of the site for seabird assemblage, with regards to kittiwake (collision alone and displacement and collision combined).</p>
			Decommissioning	<ul style="list-style-type: none"> disturbance and displacement; and changes to prey availability. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
Migratory Waterbirds						
UK9004131 UK13005	Cameron Reservoir SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding pink-footed goose <i>Anser brachyrhynchus</i>. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004291 UK13010	Din Moss – Hoselaw Loch SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding greylag goose <i>Anser anser</i>; and non-breeding pink-footed goose. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004241 UK13015	Fala Flow SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding pink-footed goose. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

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UK9004411 UK13017	Firth of Forth SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding bar-tailed godwit <i>Limosa lapponica</i>; non-breeding golden plover <i>Pluvialis apricaria</i>; non-breeding knot <i>Calidris canutus</i>; non-breeding pink-footed goose; non-breeding red-throated diver; non-breeding redshank <i>Tringa totanus</i>; non-breeding ringed plover <i>Charadrius hiaticula</i>; non-breeding (passage) Sandwich tern <i>Thalasseus sandvicensis</i>; non-breeding Slavonian grebe; non-breeding turnstone <i>Arenaria interpres</i>; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species (except Sandwich tern) and common scoter, cormorant <i>Phalacrocorax carbo</i>, curlew <i>Numenius arquata</i>, dunlin, eider, goldeneye, great crested grebe <i>Podiceps cristatus</i>, grey plover <i>Pluvialis squataroloa</i>, lapwing <i>Vanellus vanellus</i>, long-tailed duck, mallard <i>Anas platyrhynchos</i>, oystercatcher <i>Haematopus ostralegus</i>, red-breasted merganser, ringed plover, scaup <i>Aythya marila</i>, shelduck <i>Tadorna tadorna</i>, velvet scoter and wigeon <i>Anas penelope</i>). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004121 UK13018	Firth of Tay and Eden Estuary SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding bar-tailed godwit; non-breeding greylag goose; non-breeding pink-footed goose; non-breeding redshank; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species and common scoter, cormorant, dunlin <i>Calidris alpina</i>, eider, goldeneye, goosander <i>Mergus merganser</i>, grey plover, Icelandic black-tailed godwit <i>Limosa limosa</i>, oystercatcher, long-tailed duck, red-breasted merganser, sanderling <i>Calidris alba</i>, shelduck, and velvet scoter). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004231 UK13021	Gladhouse Reservoir SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding pink-footed goose. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004281 UK13022	Greenlaw Moor SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding pink-footed goose. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

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UK9006041 UK11030	Holburn Lake and Moss SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding greylag goose. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9006011 UK11036	Lindisfarne SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding bar-tailed godwit; non-breeding common scoter; non-breeding dunlin; non-breeding eider; non-breeding golden plover; non-breeding grey plover; non-breeding greylag goose; non-breeding light-bellied brent goose <i>Branta bernicla</i>; non-breeding long-tailed duck; non-breeding red-breasted merganser; non-breeding redshank; non-breeding ringed plover; non-breeding sanderling; non-breeding shelduck; non-breeding whooper swan <i>Cygnus cygnus</i>; non-breeding wigeon; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004051 UK13038	Loch of Kinnordy SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding pink-footed goose; and non-breeding greylag goose. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004111 UK13033	Loch Leven SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding cormorant; non-breeding gadwall <i>Anas strepera</i>; non-breeding goldeneye; non-breeding pink-footed goose; non-breeding pochard <i>Aythya ferina</i>; non-breeding shoveler <i>Spatula clypeata</i>; non-breeding teal <i>Anas crecca</i>; non-breeding tufted duck <i>Aythya fuligula</i>; non-breeding whooper swan; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

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UK9004031 UK13046	Montrose Basin SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding greylag goose; non-breeding pink-footed goose; non-breeding redshank; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species and oystercatcher, eider, wigeon, knot, dunlin and shelduck). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9006131 UK11048	Northumbria Coast SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding purple sandpiper <i>Calidris maritima</i>; and non-breeding turnstone. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004441	Slamannan Plateau SPA	<ul style="list-style-type: none"> non-breeding taiga bean goose <i>Anser fabalis</i>. 	Operation and maintenance	<ul style="list-style-type: none"> collision risk Barrier to movement 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004401 UK13057	South Tayside Goose Roosts SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding greylag goose; non-breeding pink-footed goose; non-breeding wigeon; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9004251 UK13060	Westwater SPA and Ramsar site	<ul style="list-style-type: none"> non-breeding pink-footed goose; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site
UK9002221	Ythan Estuary, Sands of Forvie and Meikle Loch SPA, Ythan Estuary and Meikle Loch Ramsar site	<ul style="list-style-type: none"> non-breeding pink-footed goose; and non-breeding waterbird assemblage (potential LSE² due to impacts on the above species and eider, lapwing and redshank). 	Operation and maintenance	<ul style="list-style-type: none"> collision risk; and barrier to movement. 	No adverse effect on the integrity of the site	No adverse effect on the integrity of the site

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