

Appendix 4.3 - Cross-reference of EIA Scoping Opinion in the EIA Report

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Executive Summary

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Appendix 4.3 - Cross-reference of EIA Scoping Opinion in the EIA Report

Executive Summary

Following receipt of the EIA Scoping Opinion the Applicant has considered the consultation received and Table 1 below provides a cross-reference to the appropriate Chapter within the EIA Report where a response is provided.

Table 1 – Summary of EIA Scoping Opinion

Consultee	Technical Discipline	Scoping Response	EIA Report
Orkney Islands Council	EIA	The EIA Report must contain all the information outlined in Schedule 4 of the EIA Regulations.	Refer to Chapter 4 of the EIA Report.
Orkney Islands Council	EIA	The EIA Report should include a programme of works complete with outline plans and specifications for the decommissioning and reinstatement of the site. This should include the initial construction reinstatement and the longer-term reinstatement when the development is to be decommissioned.	Refer to Chapter 3 of the EIA Report. Please note the application is for consent in perpetuity.
Orkney Islands Council	EIA	A consolidated schedule of mitigation measures proposed in tabular form.	Refer to Chapter 17 of the EIA Report.
Orkney Islands Council	Landscape and Visual	<p>Full Landscape and Visual impact Assessment (LVIA) and Cumulative Landscape and Visual Impact Assessment (CLVIA) is required. It should consider the likely significant landscape and visual effects of the proposed development on areas of local interest, scenic quality, cultural heritage, archaeology sites, tourism and recreation features and facilities.</p> <p>The EIA report must consider fully and address the points raised in the Supplementary Guidance – Energy Development Criterion 2 ‘Landscape and Visual Impacts’ in respect of the finding of the Landscape Capacity of Assessment for Wind Energy in Orkney.</p> <p>Landscape and visual receptors including stakeholders undertaking seaborne occupations, recreational activities along with ferry traffic users and cruise ship passengers must be considered.</p> <p>Cumulative impacts along the A965 and A966 should be subject to assessment.</p>	Refer to Chapter 6 within the EIA Report.

Consultee	Technical Discipline	Scoping Response	EIA Report
Orkney Islands Council	Landscape and Visual	A residential visual amenity assessment should be included and should not necessarily be confined to 2km of the proposed development.	Refer to Chapter 6 within the EIA Report.
Orkney Islands Council	Traffic and Transport	<p>The report should include full detail of how turbines and construction materials are to be transported to the site, including use of public roads, piers and ferries, and including the weight and length of all delivery vehicles and loads. The estimated number of movements should be included.</p> <p>This information should cover all phases of development</p> <p>An appropriate transport strategy and the assessment of associated impacts should be proposed in liaison with OIC Roads Services.</p> <p>The council may require the turbine developer to enter into an agreement to Section 96 of the Roads (Scotland) Act 1984.</p>	Refer to Chapter 12 within the EIA Report.
Orkney Islands Council	Socio-economic, Recreation and Tourism	The report should include detailed measures to mitigate any potential effects that may be detrimental or any improvements to the access provision on the proposed site.	Refer to Chapter 13 within the EIA Report.
Orkney Islands Council	Aviation and Radar	<p>Concerns from the MoD about the potential impact that the development may have upon low flying operations should be investigated with the DIO and detailed within the report.</p> <p>CAA should be contacted to receive clear guidance on the UK Air Navigation Order on visible aviation obstacle lighting.</p> <p>The visual and ecological impact of lighting at height should be considered.</p>	Refer to Chapters 6, 8 and 14 within the EIA Report.
Orkney Islands Council	Shadow Flicker	The mitigation hierarchy of prevent, reduce and offset relating to shadow flicker should be followed and detailed within the EIA Report	Refer to Chapter 15 of the EIA Report.

Consultee	Technical Discipline	Scoping Response	EIA Report
Orkney Islands Council	Air Quality	Full assessment of the impacts on air quality should be provided within the EIA Report.	As per Chapter 4 impacts on air quality have been scoped out of the EIA.
Orkney Islands Council	Noise, Traffic and Transport.	<p>Impacts of sourcing of stone should be fully assessed.</p> <p>If stone is sourced on site via borrow pits, further assessment for environmental effects arising within the EIA Report would be required.</p> <p>A map and site layout of borrow pots with a pit site management plan of pollution prevention measures will be required.</p> <p>Mitigation measures should be identified to avoid or minimise the potential for adverse impacts.</p> <p>A restoration plan for any such borrow pits should be prepared.</p>	<p>Refer to Chapter 12.</p> <p>Please note that the Proposed Development will not include borrow pits.</p>
Orkney Islands Council	Socio-economic, Recreation and Tourism	There should be an assessment which should consider affected individuals (residents, tourists, etc.), households, local communities, local groups, local businesses, contractors etc.	Refer to Chapter 13 within the EIA Report.
Orkney Islands Council	Planning Policy, Socio-economic, Recreation and Tourism	The report should include economic information connected with this project and other similar development, including the potential number of jobs, and economic activity associated with procurement, construction, operation and decommissioning of the development.	Refer to Chapter 13 within the EIA Report
Orkney Islands Council	Proposed Development, Planning Policy	The report should include a programme of works complete with outline plans and specifications for the decommissioning and reinstatement of the site. This should include initial and longer-term reinstatement (Construction and decommissioning).	Refer to Chapters 3 and 5 within the EIA Report

Consultee	Technical Discipline	Scoping Response	EIA Report
Orkney Islands Council	Noise	<p>Existing wind turbines at Rennibister and Crowness Business Park (Hatston) will need to be considered for inclusion in any assessment. The assumption must be made that these turbines are operating at their respective planning condition limits for noise impacts at nearest noise sensitive receptors.</p> <p>Dwellings at or near Quanterness Farm should not be assumed to be classed as Financially Involved due to being part of the farm which currently owns the land of interest.</p> <p>Care should be taken to ensure the correct acoustic data for the exact make and model of turbine proposed is used in acoustic calculations.</p> <p>Any noise impact assessment report should include the following as a minimum:</p> <p>Make and Model(s) of turbine(s) to be assessed, full acoustic data for each make and model including octave band data</p> <p>Address and locations of each noise sensitive receptor should be identified</p> <p>Distance between each turbine assessed for noise impact and each noise sensitive receptor.</p> <p>The predicted cumulative impact for the proposed turbines, the cumulative impact for any existing turbines. The cumulative impact for all turbines.</p>	Refer to Chapter 9 within the EIA Report
Orkney Islands Council	Landscape and Visual, Noise, Socio-economic, Recreation and Tourism	<p>DaMP requests an analysis of where within the settlement boundary the turbines would be visible.</p> <p>An assessment should be undertaken of any unacceptable impacts on the amenity of residents/visitors.</p>	Refer to Chapters 6, 9, 13 and 14 within the EIA Report.
Orkney Islands Council	Cultural Heritage	An assessment should be undertaken of the historic environment/ archaeology of the application site, including the intertidal zone.	Refer to Chapter 10 within the EIA Report

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		<p>The EIA Report should include a viewshed analysis to identify historic environmental assets that may be affected by the proposal and an assessment that considers impacts on the setting of the identified sites.</p> <p>Appropriate visualisations should be agreed with OIC and provided. A panoramic visualisation from Ring of Brodgar will be required.</p>	
Orkney Islands Council	Ornithology	<p>The EIA Report should include an assessment of hen harrier and breeding short-eared owl. The qualify features of the North Orkney pSPA and Keelylang Hill and Swartaback Burn SSSI and Local Nature Conservation Sites should be considered.</p>	Refer to Chapter 7 within the EIA Report.
Orkney Islands Council	Ecology	<p>An otter survey should be undertaken and bats should be considered.</p>	Refer to Chapter 8 within the EIA Report.
HES	Cultural Heritage	<p>The EIA Report should include a full consideration on the setting of affected heritage assets. A ZTV analysis should be used as a basis for selecting sites.</p> <p>Appropriate visualisations such as photomontage and/or wireframe views should be provided.</p> <p>Cumulative impacts resulting from the development in combination with existing and proposed wind farm development within the surrounding area should be considered.</p>	Refer to Chapters 6 and 10 within the EIA Report.
RSPB	Ornithology, Ecology and Nature Conservation	<p>One year of data collection is insufficient. A lack of two years of data will increase uncertainties in the assessment.</p> <p>RSPB Scotland recommends that a full two years of bird surveys is carried out for the site in accordance to the SNH (2017) guidance.</p> <p>The main species of interest in the report are Raptors, considering the potential for disturbance, displacement and/or collision risk.</p>	Refer to Chapter 7 within the EIA Report.

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SNH	Ornithology, Ecology and Nature Conservation	<p>The developer should assess the direct and indirect impacts of the proposal on protected areas and their qualifying interests/notified features in the context of their conservation objectives/management statements.</p> <p>The potential impacts to protected areas including the Orkney Mainland Moors Special Protection Area (SPA) and North Orkney proposed SPA along with other proposals or plans in the area will be required to be assessed as a part of the EIA process.</p> <p>For the Orkney Mainland Moors SPA; the report should include bird survey data for Hen harriers and the breeding Short-eared owl.</p> <p>For the North Orkney pSPA, impacts to qualifying interests of the wintering waterfowl and red-throated diver should be considered through survey.</p> <p>Survey and assessment for the breeding bird assemblage in the Keelyland Hill and Swartaback Burn SSSI may need to be considered.</p> <p>An otter survey needs to be undertaken.</p>	Refer to Chapters 7 and 8 within the EIA Report
SNH	Landscape	The assessment should include cumulative effects with other proposed, consented and operational wind farms. Recommend that a full LVIA is undertaken.	Refer to Chapter 6 within EIA Report.
JRC	Telecommunications, Aviation and Radar	A full assessment of potential impacts and potential remediation in relation to telecommunications, radio and television reception and transmission and radar should be "scoped in".	Refer to Chapter 16 within the EIA Report.
SEPA	Geology, Peat, Hydrology and Hydrogeology	SEPA advise that the following key issues need to be addressed in the EIA process.	<p>Refer to Chapters 3 and 11 within the EIA Report.</p> <p>Please note that there is no intention to abstract groundwater</p>

Consultee	Technical Discipline	Scoping Response	EIA Report
		<ul style="list-style-type: none"> – Map and assessment of all engineering activities in or impacting on the water environment including proposed buffers, details of any flood risk assessment and details of any related CAR applications. – Map and assessment of impacts upon groundwater abstractions and buffers – Assessment of any peat and if applicable, a table detailing re-use proposals – Map and site layout of borrow pits – Schedule of mitigation including pollution prevention measures – Borrow Pit Site Management Plan of pollution prevention measures – Map of Proposed waste water drainage layout – Map of proposed surface water drainage layout – Map of proposed water abstractions including details of the proposed operating regime – Decommissioning statement – SEPA has requested that a site investigation is undertaken to confirm no peat is on the site – The Phase 1 Habitat Survey mentioned in the Scoping Report should be included in the EIA Report. 	<p>or surface water from the Proposed Development site.</p> <p>Please note that there is no peat present on the Proposed Development site.</p> <p>Please note that the Proposed Development does not include borrow pits.</p> <p>Please note that there will be no foul/waste water drainage on site.</p>
SEPA	Design	<p>SEPA recommend that a 6 m buffer strip is provided around each of the small watercourses on site.</p> <p>Land below the 3.5m AOD should be avoided to avoid coastal flood risk areas.</p>	Refer to Chapter 2 within the EIA Report.

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Scottish Water	Proposed development, Geology, Peat, Hydrology & Hydrogeology	<p>The Applicant must identify any potential conflict with Scottish Water assets and contact the Asset Impact Team directly.</p> <p>The Applicant should be aware that any conflict with assets identified may be subject to restrictions on proximity of construction.</p> <p>The developer should contact Scottish water at the earliest opportunity with strong evidence to support the intended drainage plan prior to making a connection request.</p>	<p>Refer to Chapters 3 and 4 within the EIA Report.</p> <p>Please note that there are no Scottish Water assets within the Proposed Development site boundary.</p> <p>Please note that there is no intention to request a clean water service or drainage connection to Scottish Water infrastructure.</p>
MOD	Aviation	The MOD may have concerns regarding the development.	Refer to Chapter 14 within the EIA Report.
NATS	Aviation	NATS has no objection to the development	Refer to Chapter 14 within the EIA Report.

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