APPENDIX 5.2 SCOPING TABLES

Table 1 Potential Construction Landscape Effects

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Mobile plant operations	Presence of machinery in landscape and views.	Adverse	Short term	Temporary	Very localised	Small	Certain	Frequent	Effect on landscape character.	Unlikely
	Visible disturbance of vegetation.	Adverse	Short term	Reversible	Localised	Medium	Certain	Continuous	Effect on landscape character.	Unlikely
Borrow pit operations	Presence of machinery in landscape and views.	Adverse	Short term	Temporary	Localised	Small	Certain	Frequent	Effect on landscape character.	Unlikely
Traffic	None	-	-	-	-	-	-	-	-	-
Cable laying	Presence of trenches in landscape and views	Adverse	Short term	Reversible	Localised	Small	Certain	Frequent	Effect on landscape character.	Unlikely
Construction compounds	Presence of compound in landscape and views	Adverse	Short term	Reversible	Very localised	Large	Certain	Continuous	Effect on landscape character.	Unlikely

Table 2 Potential Ongoing Landscape Effects

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Turbines	Presence of turbines in landscape and views.	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Effect on landscape character.	Likely
Foundations	None (buried and reinstated).	-	-	-	-	-	-	-	-	-
Tracks	Presence of tracks in landscape and views.	Adverse	Long term	Semi-permanent	Wide-spread	Medium	Certain	Continuous	Effect on landscape character.	Possible Significant
Cables	None (buried and reinstated).	-	-	-	-	-	-	-	-	-
Anemometers	Presence of anemometers in landscape and views.	Adverse	Long term	Reversible	Very Localised	Small	Certainty	Continuous	Effect on landscape character.	Unlikely
Sub-station / control building	Presence of sub-station / control building in landscape views.	Adverse	Long term	Reversible	Localised	Small	Certain	Continuous	Effect on landscape character.	Possible
Crane pads	Presence of crane pads in landscape and views.	Adverse	Long term	Reversible	Very localised	Small	Certain	Continuous	Effect on landscape character.	Possible
Public road improvements	Modification to layout and appearance of public roads.	Unknown	Unknown	Reversible	Unknown	Unknown	Unknown	Continuous	Effect on landscape character.	Unknown
Borrow pits	Change of landform and land cover.	Unknown	Long term	Permanent	Localised	Large	Certain	Continuous	Effect on landscape character.	Possible
Peat disposal areas	Change in landform and land cover	Adverse or beneficial, depending upon option adopted	Long term	Permanent	Localised	Medium	Certain	Continuous	Effect on landscape character.	Possible

Table 3 Potential Construction Visual Effects

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Mobile plant operations	Presence of machinery in landscape and views.	Adverse	Short term	Temporary	Very localised	Small	Certain	Frequent	Effect on visual amenity.	Unlikely
	Visible disturbance of vegetation.	Adverse	Short term	Temporary	Localised	Medium	Certain	Continuous	Effect on visual amenity.	Unlikely
Borrow pit operations	Presence of machinery in landscape and views.	Adverse	Short term	Temporary	Localised	Small	Certain	Frequent	Effect on visual amenity.	Unlikely
Traffic	None	-	-	-	-	-	-	-	-	-
Cable laying	Presence of trenches in landscape and views	Adverse	Short term	Temporary	Localised	Small	Certain	Frequent	Effect on visual amenity.	Unlikely
Construction compounds	Presence of compound in landscape and views	Adverse	Short term	Temporary	Very localised	Large	Certain	Continuous	Effect on visual amenity.	Unlikely

Table 4 Potential Ongoing Visual Effects

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Turbines	Presence of turbines in landscape and views.	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Effect on visual amenity.	Likely
Foundations	None (buried and reinstated).	-	-	-	-	-	-	-	-	-
Tracks	Presence of tracks in landscape and views.	Adverse	Long term	Permanent	Wide-spread	Medium	Certain	Continuous	Effect on visual amenity.	Possible
Cables	None (buried and reinstated).	-	-	-	-	-	-	-	-	-
Anemometers	Presence of anemometers in landscape and views.	Adverse	Long term	Reversible	Very Localised	Small	Certainty	Continuous	Effect on visual amenity.	Unlikely
Sub-station / control building	Presence of sub-station / control building in landscape views.	Adverse	Long term	Reversible	Localised	Small	Certain	Continuous	Effect on visual amenity.	Possible
Crane pads	Presence of crane pads in landscape and views.	Adverse	Long term	Reversible	Very localised	Small	Certain	Continuous	Effect on visual amenity.	Possible
Public road improvements	Modification to layout and appearance of public roads.	Unknown	Unknown	Reversible	Unknown	Unknown	Unknown	Continuous	Effect on visual amenity.	Unknown
Borrow pits	Change of landform and land cover.	Unknown	Long term	Permanent	Localised	Large	Certain	Continuous	Effect on visual amenity.	Possible
Peat disposal areas	Change in landform and land cover	Adverse or beneficial, depending upon option adopted; risk of instability and movement	Long term	Permanent	Localised	Medium	Certain	Continuous	Effect on visual amenity.	Possible

Table 5 Potential Construction Ecology Effects

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Mobile plant operations	Temporary noise, vibration, movement and physical disturbance of vegetation.	Adverse	Short term	Temporary	Wide-spread	Medium	Certain	Frequent	Loss or disturbance of coniferous plantation habitat and fauna.	Possible
Borrow pit operations	Temporary noise, vibration, movement and physical disturbance of vegetation.	Adverse	Short term	Temporary	Wide-spread	Medium	Certain	Frequent	Loss or disturbance of unknown habitat and fauna.	Possible
Traffic	None	-	-	-	-	-	-	-	-	-
Cable laying	Temporary noise, vibration, movement and physical disturbance of vegetation.	Adverse	Short term	Reversible	Localised	High	Certain	Continuous	Loss or disturbance of unknown habitat and fauna.	Possible
Construction compounds	Temporary overlaying of vegetation.	Adverse	Short term	Reversible	Localised	High	Certain	Continuous	Damage or loss of habitat.	Possible

Table 6 Potential Ongoing Ecology Effects

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Turbines	Noise and movement	Adverse	Long term	Reversible	Wide-spread	Medium	Certain	Frequent	Disturbance of fauna	Unlikely
Foundations	Removal or alteration of habitat.	Adverse	Long term	Permanent	Very localised	Medium	Certain	Continuous	Loss of habitat	Possible*
Tracks	Removal or overlaying of vegetation	Adverse	Long term	Permanent	Localised	High	Certain	Continuous	Loss of habitat	Possible*
Cables	None	-	-	-	-	-	-	-	-	-
Anemometers	None	-	-	-	-	-	-	-	-	-
Sub-station / control building	Removal of vegetation	Adverse	Long term	Reversible	Localised	High	Certain	Continuous	Loss of habitat	Possible*
Crane pads	Removal / overlaying of vegetation	Adverse	Long term	Reversible	Localised	High	Certain	Continuous	Loss of habitat	Possible*
Public road improvements	Unknown	Unknown	Long term	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Possible
Borrow pits	Alteration of habitat characteristics	Adverse or beneficial	Long term	Permanent	Localised	High	Certain	Continuous	Loss of habitat	Possible*
									Creation of habitat	Possible
* In combination these effects could be significant.										

Table 7 Potential Construction Effects on Birds

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Mobile plant operations	Temporary noise, vibration, movement and physical disturbance of vegetation.	Adverse	Short term	Temporary	Wide-spread	Medium	Certain	Frequent	Disturbance of birds	Possible
Borrow pit operations	Temporary noise, vibration, movement and physical disturbance of vegetation.	Adverse	Short term	Temporary	Wide-spread	Medium	Certain	Frequent	Disturbance of birds	Possible
Traffic	None.	-	-	-	-	-	-	-	-	-
Cable laying	Temporary noise, vibration, movement and physical disturbance of vegetation.	Adverse	Short term	Reversible	Localised	High	Certain	Continuous	Disturbance of birds	Possible
Construction compounds	Temporary overlaying of vegetation.	Adverse	Short term	Reversible	Localised	High	Certain	Continuous	Disturbance of birds	Possible

Table 8 Potential and Ongoing Effects on Birds

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Turbines	Noise and movement.	Adverse	Long term	Reversible	Wide-spread	Medium	Certain	Frequent	Disturbance of birds	Possible
									Collision risk	Possible
Foundations	Removal or alteration of habitat.	Adverse	Long term	Permanent	Very localised	Medium	Certain	Continuous	Loss of bird habitat	Unlikely
Tracks	Removal / overlaying of vegetation.	Adverse	Long term	Permanent	Localised	High	Certain	Continuous	Loss of bird habitat	Unlikely
Cables	None	-	-	-	-	-	-	-	-	-
Anemometers	None	-	-	-	-	-	-	-	-	-
Sub-station / control building	Removal of vegetation	Adverse	Long term	Reversible	Localised	High	Certain	Continuous	Loss of bird habitat	Unlikely
Crane pads	Removal / overlaying of vegetation	Adverse	Long term	Reversible	Localised	High	Certain	Continuous	Loss of bird habitat	Unlikely
Public road improvements	Unknown	Unknown	Long term	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unlikely
Borrow pits	Alteration of habitat characteristics	Unknown	Long term	Permanent	Localised	High	Certain	Continuous	Loss of bird habitat	Unlikely
									Creation of bird habitat	Possible

Table 9 Potential Construction Noise and Vibration Effects

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Mobile plant operations	Mechanical noise	Adverse	Short term	Temporary	Localised	Medium	Certain	Frequent	Noise effects at nearest receptors.	Possible
	Discernible vibration	Adverse	Short term	Temporary	Localised	Small	Unlikely	Occasional	Vibration effects at nearest receptors.	Unlikely
Borrow pit operations	Drilling and blasting noise	Adverse	Short term	Temporary	Localised	High	Certain	Occasional	Noise effects at nearest receptors.	Possible
	Crusher plant noise	Adverse	Short term	Temporary	Localised	High	Certain	Frequent	Noise effects at nearest receptors.	Possible
Construction traffic	Noise from construction traffic	Adverse	Short term	Temporary	Localised	Small	Certain	Occasional	Noise effects at nearest receptors.	Unlikely
	Discernible vibration	Adverse	Short term	Temporary	Localised	Small	Unlikely	Occasional	Vibration effects at nearest receptors.	Unlikely
Cable laying	Excavator noise	Adverse	Short term	Temporary	Localised	Medium	Certain	Occasional	Noise effects at nearest receptors.	Possible
Construction compounds	None	-	-	-	-	-	-	-	-	-

Table 10 Potential Ongoing Noise Effects

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Operational traffic noise	Adverse	Long term	Temporary	Localised	Small	Unlikely	Occasional	Noise effects at nearest receptors.	Unlikely
Turbines	Audible mechanical and aerodynamic noise	Adverse	Long term	Reversible	Localised	Small	Possible	Frequent	Noise effects at nearest receptors.	Possible
Foundations	None	-	-	-	-	-	-	-	-	-
Tracks	None	-	-	-	-	-	-	-	-	-
Cables	None	-	-	-	-	-	-	-	-	-
Anemometers	Wind noise	Adverse	Long term	Reversible	Very localised	Small	Unlikely	Frequent	Noise effects at nearest receptors.	Unlikely
Sub-station / control building	Transformer noise	Adverse	Long term	Reversible	Very localised	Small	Unlikely	Frequent	Noise effects at nearest receptors.	Unlikely
Crane pads	None	-	-	-	-	-	-	-	-	-
Public road improvements	None	-	-	-	-	-	-	-	-	-
Borrow pits	None	-	-	-	-	-	-	-	-	-

Table 11 Potential Construction Effects on Cultural Heritage

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Damage, physical disturbance or burial of archaeological and architectural sites.	Adverse	N/A	Permanent	Unknown	Unknown	Unknown	N/A	Loss, damage, or severance of cultural heritage sites	Possible
Mobile plant operations	Presence of wind farm construction plant within the cultural landscape.	Adverse	Short Term	Temporary	Unknown	Medium	Possible	Occasional	Effects on the setting of cultural heritage sites.	Unlikely
Borrow pit operations	Damage, physical disturbance or burial of archaeological and architectural sites.	Adverse	N/A	Permanent	Unknown	Unknown	Unknown	N/A	Loss, damage, or severance of cultural heritage sites	Possible
Traffic	-	-	-	-	-	-	-	-	-	-
Cable laying	Damage, physical disturbance or burial of archaeological and architectural sites.	Adverse	N/A	Permanent	Unknown	Unknown	Unknown	N/A	Loss, damage, or severance of cultural heritage sites	Possible
Construction compounds	Damage, physical disturbance or burial of archaeological and architectural sites.	Adverse	N/A	Permanent	Unknown	Unknown	Unknown	N/A	Loss, damage, or severance of cultural heritage sites	Possible

Table 12 Potential Ongoing Effects on Cultural Heritage

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Turbines	Presence of turbines in cultural heritage landscape.	Adverse	Long term	Reversible	Localised	Unknown	Possible	Continuous	Effects on the setting of cultural heritage sites	Possible
General	Cumulative impact of windfarms on the wider cultural heritage landscape.	Adverse	Long Term	Reversible	Localised?	Unknown	Possible	Continuous	Effects on the setting of cultural heritage sites.	Possible
Foundations	-	-	-	-	-	-	-	-	-	-
Tracks	-	-	-	-	-	-	-	-	-	-
Cables	-	-	-	-	-	-	-	-	-	-
Anemometers	-	-	-	-	-	-	-	-	-	-
Sub-station / control building	-	-	-	-	-	-	-	-	-	-
Crane pads	-	-	-	-	-	-	-	-	-	-
Public road improvements	-	-	-	-	-	-	-	-	-	-
Borrow pits	-	-	-	-	-	-	-	-	-	

Table 13 Potential Construction Effects on Soil and Water

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Suspended solids discharge from stockpiles	Adverse	Short term	Temporary	Localised	Medium	Possible	Occasional	Effects on water quality of closest watercourses and water bodies.	Possible
	Sliding movement of previously stable peat due to changes in hydrology	Adverse	Short term	Unknown	Localised	Medium	Possible	Rare	Effects on water quality of closest watercourses, soil loss or disturbance, changes to hydrological regime	Possible
	Sliding movement of peat excavated and re-deposited during construction	Adverse	Short term	Unknown	Localised	Medium	Possible	Rare	Effects on water quality of closest watercourses, soil loss or disturbance, changes to hydrological regime	Possible
Mobile plant operations	Soil disturbance and potential erosion	Adverse	Short term	Reversible	Localised	Medium	Possible	Occasional	Soil loss or disturbance	Possible
	Suspended solids discharge	Adverse	Short term	Temporary	Localised	Medium	Possible	Occasional	Effects on water quality of closest watercourses and water bodies.	Possible
	Potential fuel or hydraulic oil spillage	Adverse	Short term	Temporary	Localised	Medium	Unlikely	Rare	Soil contamination and water pollution	Unlikely Possible
Borrow pit operations	Increased surface run off	Adverse	Short term	Reversible	Localised	Medium	Likely	Occasional	Change to hydrological regime	Possible
	Suspended solid discharge	Adverse	Short term	Temporary	Localised	Medium	Possible	Occasional	Effects on water quality of closest watercourses and water bodies.	Possible
Traffic	None	-	-	-	-	-	-	-	-	-
Cable laying	Creation of temporary drainage route	Adverse	Short term	Reversible	Localised	Small	Possible	Occasional	Change to hydrological regime	Possible
Construction compounds	Potential fuel oil spillage	Adverse	Short term	Temporary	Localised	Medium	Unlikely	Occasional	Soil contamination and water pollution	Unlikely Possible
	Increased surface run off	Adverse	Short term	Reversible	Localised	Medium	Likely	Occasional	Change to hydrological regime	Unlikely

Table 14 Potential Ongoing Effects on Soil and Water

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Operation vehicle fuel spillage	Adverse	Short term	Temporary	Localised	Small	Unlikely	Occasional	Soil contamination and water pollution	Unlikely
Turbines	None	-	-	-	-	-	-	-	-	-
Foundations	Decreased infiltration	Adverse	Long term	Permanent	Very localised	Small	Certain	Continuous	Change to hydrological regime	Unlikely
Tracks	Increased surface run off	Adverse	Long term	Permanent	Localised	Medium	Certain	Continuous	Change to hydrological regime	Possible*
	Sliding movement of previously stable peat due to changes in hydrology	Adverse	Short term	Unknown	Localised	Medium	Unknown	Rare	Effects on water quality of closest watercourses, soil loss or disturbance, changes to hydrological regime	Possible
	Land drainage adjacent to drainage ditches	Adverse	Long term	Permanent	Localised	Small	Possible	Continuous	Change to hydrological regime	Possible
Cables	None (trenches reinstated)	-	-	-	-	-	-	-	-	
Anemometers	None	-	-	-	-	-	-	-	-	
Sub-station / control building	Increased surface run off	Adverse	Long term	Permanent	Very localised	Medium	Certain	Continuous	Change to hydrological regime	Possible*
	Potential transformer oil spillage	Adverse	Long term	Temporary	Localised	Large	Unlikely	Occasional	Soil contamination and water pollution	Unlikely
Crane pads	Increased surface run off	Adverse	Long term	Permanent	Very localised	Medium	Certain	Continuous	Change to hydrological regime	Possible*
Public road improvements	None	-	-	-	-	-	-	-	-	-
Borrow pits	Increased surface run off	Adverse	Long term	Permanent	Localised	Medium	Possible	Continuous	Change to hydrological regime	Possible*
* In combination these effects could be significant.										

Table 15 Potential Construction Effects on Roads and Traffic

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Mobile plant operations	None	-	-	-	-	-	-	-	-	-
Borrow pit operations	None	-	-	-	-	-	-	-	-	-
Traffic	Increase in HGV traffic	Adverse	Short term	Temporary	Localised	Unknown	Certain	Frequent	Traffic congestion on local roads	Possible
									Abnormal road wear and tear	Possible
	Passage of abnormal loads	Adverse	Short term	Temporary	Localised	Unknown	Certain	Occasional	Traffic congestion on local roads	Possible
									Abnormal road wear and tear	Possible
	Increase in non-HGV traffic	Adverse	Short term	Temporary	Localised	Unknown	Certain	Frequent	Traffic congestion on local roads	Possible
									Abnormal road wear and tear	Possible
Cable laying	None	-	-	-	-	-	-	-	-	-
Construction compounds	None	-	-	-	-	-	-	-	-	-

Table 16 Potential Ongoing Effects on Roads and Traffic

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Increase in operational traffic levels.	Adverse	Long term	Temporary	Localised	Small	Certain	Occasional	Traffic congestion	Unlikely
Turbines	None	-	-	-	-	-	-	-	-	-
Foundations	None	-	-	-	-	-	-	-	-	-
Tracks	None	-	-	-	-	-	-	-	-	-
Cables	None	-	-	-	-	-	-	-	-	-
Anemometers	None	-	-	-	-	-	-	-	-	-
Sub-station / control building	None	-	-	-	-	-	-	-	-	-
Crane pads	None	-	-	-	-	-	-	-	-	-
Public road improvements	None	-	-	-	-	-	-	-	-	-
Borrow pits	None	-	-	-	-	-	-	-	-	-

Table 17 Potential Construction Effects on Air and Climate

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Release of carbon dioxide due to drying of excavated peat or changes in hydrological regime	Adverse	Short term	Permanent	Widespread	Unknown	Unknown	Single event	Increase in carbon dioxide emissions	Possible
Mobile plant operations	Vehicle emissions	Adverse	Short term	Temporary	Localised	Small	Certain	Frequent	Effects on local air quality	Unlikely
Borrow pit operations	Dust emissions	Adverse	Short term	Temporary	Localised	Unknown	Possible	Occasional	Effects on local air quality	Possible
Traffic	Vehicle emissions	Adverse	Short term	Temporary	Localised	Small	Certain	Frequent	Effects on local air quality	Unlikely
Cable laying	None	-	-	-	-	-	-	-	-	-
Construction compounds	Generator emissions	Adverse	Short term	Temporary	Very localised	Small	Certain	Occasional	Effects on local air quality	Unlikely

Table 18 Potential Ongoing Effects on Air and Climate

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Displacement of fossil fuel fired generation	Beneficial	Long term	Temporary	Wide-spread	Large	Probable	Continuous	Reduction of carbon dioxide emissions	Likely
									Reduction of emissions of sulphur dioxide and oxides of nitrogen	Likely
Turbines	N/A	-	-	-	-	-	-	-	-	-
Foundations	N/A	-	-	-	-	-	-	-	-	-
Tracks	N/A	-	-	-	-	-	-	-	-	-
Cables	N/A	-	-	-	-	-	-	-	-	-
Anemometers	N/A	-	-	-	-	-	-	-	-	-
Sub-station / control building	N/A	-	-	-	-	-	-	-	-	-
Crane pads	N/A	-	-	-	-	-	-	-	-	-
Public road improvements	N/A	-	-	-	-	-	-	-	-	-
Borrow pits	N/A	-	-	-	-	-	-	-	-	-

Table 19 Potential Construction Economic Effects

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Construction contracts and employment.	Beneficial	Short term	Temporary	Unknown	Medium	Certain	Continuous	Economic prosperity	Possible
	Orders for supplies.	Beneficial	Short term	Temporary	Unknown	Medium	Certain	Continuous	Economic prosperity	Possible
	Requirement for accommodation.	Beneficial	Short term	Temporary	Unknown	Unknown	Probable	Continuous	Economic prosperity	Possible
	Disturbance of existing economic activity.	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Continuous	Adverse economic	Possible
	Construction accident hazards.	Adverse	Short term	Temporary	Localised	Unknown	Unlikely	Occasional	Risk of injury	Possible
Mobile plant operations	N/A	-	-	-	-	-	-	-	-	-
Borrow pit operations	N/A	-	-	-	-	-	-	-	-	-
Traffic	N/A	-	-	-	-	-	-	-	-	-
Cable laying	N/A	-	-	-	-	-	-	-	-	-
Construction compounds	N/A	-	-	-	-	-	-	-	-	-

Table 20 Potential Ongoing Economic Effects

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Increased income from community benefit package and earnings in employment.	Beneficial	Long term	Long term	Shetland-wide	Large	Certain	Continuous	Economic prosperity	Likely
Turbines	N/A	-	-	-	-	-	-	-	-	-
Foundations	N/A	-	-	-	-	-	-	-	-	-
Tracks	N/A	-	-	-	-	-	-	-	-	-
Cables	N/A	-	-	-	-	-	-	-	-	-
Anemometers	N/A	-	-	-	-	-	-	-		-
Sub-station / control building	N/A	-	-	-	-	-	-	-		-
Crane pads	N/A	-	-	-	-	-	-	-	-	-
Public road improvements	N/A	-	-	-	-	-	-	-	-	-
Borrow pits	N/A	-	-	-	-	-	-	-	-	-

Table 21 Potential Construction Effects on Telecommunications and Aviation

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	None	-	-	-	-	-	-	-	-	-
Mobile plant operations	-	-	-	-	-	-	-	-	-	-
Borrow pit operations	-	-	-	-	-	-	-	-	-	-
Traffic	-	-	-	-	-	-	-	-	-	-
Cable laying	-	-	-	-	-	-	-	-	-	-
Construction compounds	-	-	-	-	-	-	-	-	-	-

Table 22 Potential Ongoing Effects on Telecommunications and Aviation

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Turbines	Presence of tall structures with rotating components.	Adverse	Long term	Reversible	Wide-spread	Unknown	Unknown	Unknown	Interference with television signals	Possible
									Interference with radio signals	Possible
									Interference with mobile phone networks	Possible
									Interference with air traffic control	Possible
									Interference with military radar	Possible
									Impingement on civilian airspace	Possible
									Impingement on military airspace	Unlikely
Foundations	N/A	-	-	-	-	-	-	-	-	-
Tracks	N/A	-	-	-	-	-	-	-	-	-
Cables	N/A	-	-	-	-	-	-	-	-	-
Anemometers	N/A	-	-	-	-	-	-	-	-	-
Sub-station / control building	N/A	-	-	-	-	-	-	-	-	-
Crane pads	N/A	-	-	-	-	-	-	-	-	-
Public road improvements	N/A	-	-	-	-	-	-	-	-	-
Borrow pits	N/A	-	-	-	-	-	-	-	-	-

Table 23 Potential Construction Effects on Tourism and Recreation

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Restriction of Access	Adverse	Short term	Temporary	Localised	High	Unknown	Continuous	Loss of recreational amenity	Possible
	Effect on visitors' perception of landscape character and visual amenity	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
	Disruption of tourism business due to displacement of tourist visitors by construction employees in accommodation and transport facilities	Adverse	Short term	Temporary	Localised	Medium	Certain	Continuous	Loss of business at visitor attractions and loss of income for those within the wider tourist industry	Possible
	Disturbance of recreational activities	Adverse	Short term	Temporary	Localised	Medium	Unknown	Occasional	Loss of recreational amenity	Possible
Mobile plant operations	As *General* impact above	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Borrow pit operations	As *General* impact above	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Traffic	As *General* impact above	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Cable laying	As *General* impact above	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Construction compounds	As *General* impact above	Adverse	Long term	Reversible	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible

Table 24 Potential Ongoing Effects on Recreation and Tourism

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects	Likelihood of Significant Effect
General	Effect on visitors' perception of landscape character and visual amenity	Adverse	Long term	Long term	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Turbines	As *General* impact above	Adverse	Long term	Long term	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Foundations	N/A	-	-	-	-	-	-	-	-	-
Tracks	Access provision	Neutral	Long term	Permanent	Localised	Medium	Certain	Continuous	Creation of recreational amenity; loss of wild land experience	Possible
Cables	N/A	-	-	-	-	-	-	-	-	-
Anemometers	As *General* impact above	Adverse	Long term	Long term	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Sub-station / control building	As *General* impact above	Adverse	Long term	Long term	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Crane pads	As *General* impact above	Adverse	Long term	Long term	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible
Public road improvements	N/A	-	-	-	-	-	-	-	-	-
Borrow pits	As *General* impact above	Adverse	Long term	Long term	Wide-spread	Large	Certain	Continuous	Loss of tourist income	Possible

Table 25 Potential Construction Effects on Aquaculture

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Damage to fish in hatcheries or sea cages due to suspended solids	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible
Mobile plant operations	Damage to fish in hatcheries or sea cages due to suspended solids	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible
Borrow pit operations	Damage to fish in hatcheries or sea cages due to suspended solids	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible
Traffic	Release of fuel or oil	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible
Cable laying	Damage to fish in hatcheries or sea cages due to suspended solids	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible
Construction compounds	Release of fuel or oil	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible
Tracks	Damage to fish in hatcheries or sea cages due to suspended solids and Release of fuel or oil	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible

Table 26 Potential Ongoing Effects on Aquaculture

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
Turbines	Oil spill during maintenance	Adverse	Short term	Temporary	Localised	Unknown	Unknown	Occasional	Loss of fish stocks and income.	Possible
Foundations	N/A	-	-	-	-	-	-	-	-	-
Tracks	N/A	-	-	-	-	-	-	-	-	-
Cables	N/A	-	-	-	-	-	-	-	-	-
Anemometers	N/A	-	-	-	-	-	-	-	-	-
Sub-station / control building	N/A	-	-	-	-	-	-	-	-	-
Crane pads	N/A	-	-	-	-	-	-	-	-	-
Public road improvements	N/A	-	-	-	-	-	-	-	-	-
Borrow pits	N/A	-	-	-	-	-	-	-	-	-

Table 27 Potential Construction Social Effects

Construction Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Increased community affluence leading to better provision of community, welfare and educational facilities.	Beneficial	Long term	Long term	Widespread	Medium	Probable	Continuous	Better quality of life and improved opportunities	Likely
Mobile plant operations	N/A	-	-	-	-	-	-	-	-	-
Borrow pit operations	N/A	-	-	-	-	-	-	-	-	-
Traffic	N/A	-	-	-	-	-	-	-	-	-
Cable laying	N/A	-	-	-	-	-	-	-	-	-
Construction compounds	N/A	-	-	-	-	-	-	-	-	-

Table 28 Potential Ongoing Social Effects

Ongoing Effects	Impact	Nature	Duration	Permanence	Extent	Scale of Change	Certainty	Frequency	Potential Effects on Receptors	Likelihood of Significant Effect
General	Increased community affluence leading to better provision of community, welfare and educational facilities.	Beneficial	Long term	Long term	Widespread	Medium	Probable	Continuous	Better quality of life and improved opportunities	Likely
Turbines	N/A	-	-	-	-	-	-	-	-	-
Foundations	N/A	-	-	-	-	-	-	-	-	-
Tracks	N/A	-	-	-	-	-	-	-	-	-
Cables	N/A	-	-	-	-	-	-	-	-	-
Anemometers	N/A	-	-	-	-	-	-	-		-
Sub-station / control building	N/A	-	-	-	-	-	-	-		-
Crane pads	N/A	-	-	-	-	-	-	-	-	-
Public road improvements	N/A	-	-	-	-	-	-	-	-	-
Borrow pits	N/A	-	-	-	-	-	-	-	-	-