Appendix C

Full Assessment Results

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Introduction

The Full Assessment results test policy ED9 – Renewable Energy Development and the Supplementary Guidance (SG) to it as well as the spatial framework as required by SPP against nine SEA objectives. Whilst national policy, LDP policies and this supplementary guidance gives support to all renewable energy types, a balance is sought to ensure consideration is given to any adverse impacts proposals may have on the environment, landscape and receptors. Policy ED9 and the supplementary guidance thus give reference to factors required for consideration in term of mitigation and enhancement. Although policy ED9 is the main LDP policy test for renewable energy proposals, other LDP policies are referred to where relevant giving a brief summary of their purpose.

Though there are several means of monitoring proposals, all conditions attached to planning consents are checked by the Council's planning and enforcement officers. The Council will also produce a Monitoring Report as part of the preparation of the next LDP and any relevant implementation issues in practice will be identified with a view to updating policies and procedures which seek to rectify any such issues.

Impacts of policy ED9 and the supplementary guidance to it as well as the spatial framework with regards to each SEA objective are categorised as follows :

Positive	Very positive	Negative	Very negative	Neutral	Unknown
+	++	-		0	?

APPENDIX C

FULL ASSESSMENT RESULTS

Policy ED9 and	SEA topic: Biodiversity , Flora and Fauna		
Supplementary Guidance to it	SEA objective: Protect biodiversity and habitats	Impact of policy on objective	
	Key environmental considerations:	+	
	 Protecting and enhancing species and habitats 		
	 Avoiding damage to, designated sites and protected species 		
	Commentary		
	Within the Scottish Borders there are a high number of sensitive and protected sites / species / habitats. The SG identifies the wide range of these and seeks to ensure that any renewable energy proposal, of which wind farms are the main threat, will have no adverse impacts on them. The SG makes reference to the issue of cumulative impact issues to be considered where required and lays down measures to consider mitigation measures to be carried out in order to allow support of planning applications. This can include, for example, the reformation / relocation of habitats to the satisfaction of the Council. Due to the opportunities for enhancement the policy and supplementary guidance are considered to have a positive effect of the SEA objective.		
	 Key success factors, mitigation, enhancement The policy should work in conjunction with the LDP policy EP1 : International Protected Species which seeks to protect natura sites / Ramsar sites and who of European Protected Species, policy EP2 : Nature Conservation Sites and development of sites which are of national importance policy EP3 : Local Bid safeguard and enhance local biodiversity. Other documents which lay dow and fauna include Scottish Borders Local Biodiversity Action Plan and Supp Biodiversity. Monitoring Enforcement of planning conditions seeking compliance / mitigation / enhance provided from the Biological Resource Centre and Land Use Cover Map 	here there is likely to be presence I Protected Species which protects odiversity which seeks to in further measures to protect flora lementary Planning Guidance for	

Policy ED9 and supplementary guidance to it	SEA topic: Population, human health and well being		
	 SEA objective: To improve the quality of life and human health for communities in the Borders Key environmental considerations: Safeguarding the living environment of communities Protecting the residential amenity, including noise and visual 	Impact of policy on objective +	
	 intrusion Having no adverse effect on human health 		
	The promotion of renewable energy is positive in terms of maximising natural establishing a better use of energy sources and wind energy sites are import SG identifies key factors to be considered in terms of considering impacts of receptors. There are no perceived adverse policy effects in terms of human are mitigated by the requirements of Environmental Health in the form of attaconsent issued, and the supplementary guidance gives further advice on no overall impact is considered positive.	tant centres for education. The n residential amenity and other n health. Any air or noise issues ached planning conditions to any	

Key success factors, mitigation, enhancement

This policy theme should work in conjunction with the Strategic Development Plan 2013 policy 13 – Green Network and policy 14 Other Countryside Designations. The following LDP policies are also relevant : *Policy PMD2: Quality Standards for New Development* which aims to ensure that where new development takes place provision for new paths, cycleways, linking wherever possible to the existing path network ; *Policy IS2: Developer Contributions* which seeks to ensure contributions where required for the enhancement or provision of green space facilities; *Policy EP11: Protection of Green Space* which protects open space from development; *Policy HD3: Protection of Residential Amenity* aims to protect the amenity of both existing established residential areas and proposed new housing developments. *Policy IS5: Protection of Access Routes* contributes to the Council's aim to encourage increased use of walking and cycling as modes of travel and as a means to improved health and wellbeing.

Monitoring

Enforcement of planning conditions seeking compliance / mitigation / enhancement measures, monitoring wind turbine noise levels can be a common requirement and data gathering through the Scottish Borders Community Health Partnership Area Profile

Policy ED9 and	SEA topic: Soil			
supplementary guidance to it	SEA objective: To maintain soil and peat quality and avoid exacerbating pollution	Impact of policy on objective		
	Key environmental considerations:	+		
	 Avoid and minimising soil and peat contamination and disturbance, and maintaining a high level of soil quality 			
	 Protecting and enhancing the geology of the Scottish Borders including natural landforms and areas of peatland 			
	Commentary			
	The spatial framework identified within SPP identifies carbon rich soils, deep peat and priority peatland habitat as "Areas of Significant protection". Consequently the SG ensures their protection as well as any mitigation measures when considering proposals for renewable energy developments, particularly wind farms. The policy protection is likely to have a positive impact.			
	Key success factors, mitigation, enhancement			
	This policy should work in conjunction with the following LDP policies : <i>Polic</i> seeks to ensure that the re-use of brownfield sites is without risk to public he which seeks to ensure the incorporation of long term sustainable use and m guidance on pollution prevention and contaminated land.	ealth; policy PMD1 : Sustainability		
	Monitoring			
	Enforcement of planning conditions seeking compliance / mitigation / enhan- performance indicators provided by the Scottish Borders Council for the Scot the sites identified by the local authority as warranting inspection under the 0	ttish Government. This identifies		

Policy ED9 and	SEA topic: Water			
supplementary guidance to it	SEA objective: To protect and enhance the status of the water environment	Impact of policy on objective		
	Key environmental considerations:	+		
	Protecting inland and coastal waters			
	Avoiding and reduce the risk of flooding			
	Ensuring sustainable use of water resources			
	 Protecting and enhancing the water environment, including Groundwater Depended Terrestrial Ecosystems (GWDTEs) 			
	Commentary			
	Wind farm construction in particular can involve considerable excavation works, alterations to ground levels and the construction of access routes which can involve considerable ground works. The SG seeks to ensure there is no disturbance to water courses, although mitigation measures can be considered when appropriate.			
	Key success factors, mitigation, enhancement			
	This policy should work in conjunction with <i>policy 15 : Water and Flooding</i> of the Strategic Development Plan. The following LDP policies are also relevant : <i>Policy IS8 - Flooding</i> discourages development in areas at risk of flooding; policy <i>EP15 – Development Affecting the Water Environment</i> which aims to ensure that development does not affect the complex components that comprise water environment. The following is also useful - SEPA guidance – the use of Sustainable Urban Drainage Systems (SUDS) and compliance with the Water Environment (Controlled Activities) (Scotland) Regulations 2005 (CAR) (as amended) to mitigate against any adverse effects of new development to the water environment			
	Monitoring			
	Enforcement of planning conditions seeking compliance / mitigation / enhance and classification for the Scottish Borders region.	cement measures, river system		

Policy ED9 and supplementary guidance to it	SEA topic: Air		
	SEA objective: To protect current air quality	Impact of policy on objective	
	Key environmental considerations:	+	
	Protecting harmful toxins or gases from affecting air quality		
	Commentary		
	The SG identifies the criteria tests and issues which must satisfy Environmental Health requirements regarding noise and odours. This is particularly relevant to the noise of turbine blades and odours from plant and chimneys from, for example, anaerobic digestion systems, biomass and energy from waste.		
	Key success factors, mitigation, enhancement		
	The policy should work in conjunction with LDP policy <i>EP16 : Air Quality</i> which seeks to protect air quality and in doing so complement other policies to protect land and water.		
	Monitoring		
	Enforcement of conditions by planning authority to ensure developments are regulatory noise and odour levels	e operating in accordance with	

Policy ED9 and	SEA topic: Climatic Factors			
supplementary guidance to it	SEA objective: To reduce CO ² emissions, reduce energy consumption and promote climate change adaptation	Impact of policy on objective		
		TT		
	Key environmental considerations:			
	 Contributing to the mitigation of and adaptation to climate change 			
	 Assisting with less CO2 emissions being released into the atmosphere 			
	Commentary			
	The SG seeks to give support to all forms of renewable energy in order to address climate change issues. Consequently the SG has a very positive impact on the SEA objective.			
	Key success factors, mitigation, enhancement			
	The policy should work in conjunction with LDP policy <i>EP16 : Air Quality</i> and in doing so complement other policies to protect land and water			
	Monitoring			
	Enforcement of any relevant planning conditions			

Policy ED9 and supplementary guidance to it	SEA topic: Material Assets	
	SEA objective: To ensure adequate protection and sustainable use of material assets	Impact of policy on objective
	Key environmental considerations:	+
	 Protecting assets of economic and recreational value, including tourism 	
	Avoiding blighting mineral assets	
	 Reducing/minimising the use of natural resources in the energy sector 	
	 To promote sustainable use and management of existing infrastructure e.g. water, heat, energy or flood protection infrastructure 	
	 Avoid an increase in the production of waste peat and other waste and meet the objectives of the Zero Waste Plan 	
	 To meet heat demand through maximising the efficiency of heat networks 	
	Commentary	
	Whilst supporting renewable energy proposals the SG places a strong emph opportunities where possible, on matters regarding landscape, heritage, bloc wind farms the SG sets out requirements to ensure any perceived impacts of mitigation measures considered. The SG confirms the Council's support of requirements within it. As part of the application process the SG requires im for wind farm proposals.	diversity, minerals. With regards to on tourism are addressed and of the Zero Waste plan and the

Key success factors, mitigation, enhancement
Strategic Development Plan <i>policy 11 : Green Network</i> . The policy should work in conjunction with LDP policy EP7 – Listed buildings, policy EP8 – Archaeology, policy EP10 – Gardens and Designed Landscapes, policy EP11 Protection of Green Space, policy EP1 – International Nature Conservation Sites, policy EP3 Local Biodiversity, policy EP13 – Trees, Woodlands and Hedgerows, policy EP4 – National Scenic Areas, policy EP5 – Special Landscape Areas
Monitoring
Enforcement of planning conditions seeking compliance / mitigation / enhancement measures where required and the Council produces a Register of Mineral Sites in the Scottish Borders

Policy ED9 and supplementary guidance to it	SEA topic: Cultural Heritage			
	SEA objective: To protect and conserve the cultural and built environment and archaeological assets	Impact of policy on objective		
	Key environmental considerations:	+		
	 Respecting the pattern and form, and the landscape and historic setting of settlements 			
	 Ensure consideration of direct (physical) effects on historic environment assets 			
	Commentary			
	Policy ED9 and the SG give protection to a range of cultural heritage interests. This policy should have a positive impact given the policy protection, and planning applications for renewable energy proposals which may have an adverse impact on cultural heritage may be refused consent.			
	Key success factors, mitigation, enhancement			
	The policy should work in conjunction with LDP <i>policy PMD2: Quality Standa</i> aims to ensure the compatibility of development with the local character of the neighbouring built form; <i>Policy EP7: Listed Buildings</i> aims to protect listed be spoil their character; <i>Policy BE2: Archaeology</i> aims to provide strong protect <i>Policy EP10: Gardens and Designed Landscapes</i> aims to protect the character appearance of conservation areas. Satisfactory mitigation and enhancemer key part of the SG, particularly in relation to wind farms.	he surrounding area and uildings from works that would tion from damaging development; cter of Gardens and Designed nd enhance the character and		
	Monitoring			
	Enforcement of planning conditions seeking compliance / mitigation / enhancement measures.			

Policy ED9 and	SEA topic: Landscape	
supplementary guidance to it	SEA objective : To protect the character, quality and diversity of the landscape in the Borders	Impact of policy on objective
	Key environmental considerations:	0
	Protecting important views in the Borders	
	 Protecting designated landscapes and other areas with attractive or important landscaping from inappropriate development 	
	 Conserve and enhance landscape character and scenic value of the area 	
	Value and protect diversity and local distinctiveness	
	 Ensuring development is appropriately designed to fit with landscape character 	
	Commentary	
	Wind Farm proposals in particular can potentially have a significantly detrime the SG gives considerable reference to the importance of protecting the land supporting renewable energy proposals and protecting the landscape is refer within the SG. The impact of wind farms on the landscape is a major consid- there are requirements to minimise such impacts it is not considered the out	dscape. This balance of rred to within SPP and is reflected deration for the SG and whilst
	Key success factors, mitigation, enhancement	
	The policy should work in conjunction with LDP policy <i>EP1: National Scenic</i> enhance the scenic qualities of the two National Scenic Areas; <i>Policy EP2: J</i> aims to ensure areas of identified landscape quality are afforded adequate p development; <i>Policy EP10: Gardens and Designed Landscapes</i> aims to pro Designed Landscapes.	Areas of Great Landscape Value protection against inappropriate
	Monitoring	
	Enforcement of planning conditions seeking compliance / mitigation / enhan	cement measures.

Spatial Framework		
	SEA objective: To protect biodiversity and habitats in the Borders	Impact of policy on objective
	Key environmental considerations:	+
	Protecting and enhancing species and habitats	
	Avoiding damage to, designated sites and protected species	

Commentary	
The spatial framework identifies World Heritage sites, Natura 2000 and Ramsar sites, SSSIs and National Nature Reserves as Areas of Significant Protection from wind farms. Applications for wind farms within these areas must demonstrate that any significant effects on the qualities of these areas can be substantially overcome by siting, design or other mitigation. As the spatial framework specifically identifies these for protection it is considered the impact will be positive.	
Key success factors, mitigation, enhancement	
This should work in conjunction with LDP policy <i>ED9</i> - <i>Renewable Energy Development</i> : policy <i>PMD2</i> - <i>Quality Standards for new Development</i> which aims to ensure retention of natural features or habitats which are important to the biodiversity of the area; <i>policy EP1</i> – <i>International Nature Conservation Sites</i> which protects development of sites which are of national importance. Scottish Borders Local Biodiversity Action Plan and Supplementary Planning Guidance for Biodiversity.	
Monitoring	
Enforcement of planning conditions seeking mitigation / enhancement measures. Data provided from the Biological Resource Centre and Land Use Cover Map ???????????????????????????????????	

Spatial	SEA topic: Population, human health and well being

Framework	SEA objective: To improve the quality of life and human health for communities in the Borders Key environmental considerations:	Impact of policy on objective
	Safeguarding the living environment of communities	
	 Protecting the residential amenity, including noise and visual intrusion 	
	Having no adverse effect on human health	

Commentary

The spatial framework identifies a 2km community separation for consideration of visual impact around cities, towns and villages identified within the LDP. This does not prevent wind farms being built within this distance, but it does require more stringent analysis of turbine proposals. It is considered any impacts will be neutral.

Key success factors, mitigation, enhancement

This should work in conjunction with LDP policy PMD2: Quality Standards for New Development aims to ensure that where new development takes place provision for new paths, cycleways, linking wherever possible to the existing path network, *Policy IS2: Developer Contributions* which seeks to ensure contributions where required for the enhancement or provision of green space facilities; *policy ED9 : Renewable Energy Developments, Policy EP11: Protection of Green Space* which protects open space from development; *Policy HD3: Protection of Residential Amenity* aims to protect the amenity of both existing established residential areas and proposed new housing developments. *Policy IS5: Protection of Access Routes* contributes to the Council's aim to encourage increased use of walking and cycling as modes of travel and as a means to improved health and wellbeing.

Monitoring

Enforcement of planning conditions seeking compliance / mitigation / enhancement measures and checking noise levels from wind turbines where required. Data gathering through the Scottish Borders Community Health Partnership Area Profile

Spatial Framework	SEA topic: Soil		
	SEA objective: To maintain soil and peat quality and avoid exacerbating pollution	Impact of policy on objective	
	Key environmental considerations:	+	
	 Avoid and minimising soil and peat contamination and disturbance, and maintaining a high level of soil quality 		
	 Protecting and enhancing the geology of the Scottish Borders including natural landforms and areas of peatland 		
	Commentary		
	The spatial framework identifies areas with carbon rich soils, deep peat and priority peatland habitat as Areas of Significant Protection from wind farms. Stage 2 of the spatial strategy identifies the protection of a number of constraints including intermediate bog inventory, lowlands raised bog inventory, hydrology of solid type (peat), drift geology. It is contented the strategy gives sufficient protection to them which has a positive effect on the objective.		
	Key success factors, mitigation, enhancement		
	This should work in conjunction with the following : <i>Structure plan N6 – Environmental Impact, policy E11 – Peat Extraction</i> and <i>policy I18 – Contaminated Land</i> . LDP <i>principle 1 – Sustainability</i> which ensures the incorporation of long term sustainable use and management of land ; <i>policy G2 – Contaminated Land</i> to ensure that the re-use of brownfield sites is without risk to public health, <i>policy ED9 Renewable Energy</i> . SEPA guidance on pollution prevention and contaminated land		
	Monitoring		
	Enforcement of planning conditions seeking compliance / mitigation / enhan performance indicators provided by the Scottish Borders Council for the Scotsites identified by the local authority as warranting inspection under the Con	ottish Government identifies the	

Spatial Framework	SEA topic: Water		
	SEA objective: To protect and enhance the status of the water environment	Impact of policy on objective	
	Key environmental considerations:	0	
	Protecting inland and coastal waters		
	Avoiding and reduce the risk of flooding		
	Ensuring sustainable use of water resources		
	 Protecting and enhancing the water environment, including Groundwater Depended Terrestrial Ecosystems (GWDTEs) 		
	Commentary		
	The spatial framework identifies the river tweed SSSI as an Area of Significant Protection and the framework wishes to ensure that any significant effects on the qualities of the SSSi can be substantially overcome by siting, design or other mitigation. The SG wishes to ensure there are no adverse impacts on water courses and it is considered any impacts will have a neutral effect.		
	Key success factors, mitigation, enhancement		
	This should work in conjunction with LDP policy <i>ED9</i> : <i>Renewable Energy Development, policy IS8</i> : <i>Flooding</i> which discourages development in areas at risk of flooding, policy <i>EP15</i> – <i>Development Affecting the Water Environment</i> which aims to ensure that development does not affect the complex components that comprise water environment. SEPA guidance – the use of Sustainable Urban Drainage Systems (SUDS) and compliance with the Water Environment (Controlled Activities) (Scotland) Regulations 2005 (CAR) (as amended) to mitigate against any adverse effects of new development to the water environment ???check		
	Monitoring		
	Enforcement of planning conditions seeking compliance with any relevant conclusion for the Scottish Borders region.	onditions. River system	

Spatial Framework	SEA topic: Air	
	 SEA objective: To ensure adequate protection and sustainable use of material assets To protect current air quality Key environmental considerations: Protecting harmful toxins or gases from affecting air quality 	Impact of policy on objective
	Commentary The spatial framework makes no reference to air	
	Key success factors, mitigation, enhancement	
	Monitoring	
	N/A	

Spatial Framework	SEA topic: Climatic Factors		
	SEA objective: To reduce CO ² emissions, reduce energy consumption and promote climate change adaptation	Impact of policy on objective	
		0	
	Key environmental considerations:		
	Contributing to the mitigation of and adaptation to climate change		
	 Assisting with less CO2 emissions being released into the atmosphere 		
	Commentary	·	
	Specific Climatic Factors are not included within the spatial framework		
	Key success factors, mitigation, enhancement		
	N / A		
	Monitoring		
	N/A		

SEA objective: To ensure adequate protection and sustainable use of material assets	Impact of policy on objective
Key environmental considerations:	0
 Protecting assets of economic and recreational value, including tourism 	
Avoiding blighting mineral assets	
 Reducing/minimising the use of natural resources in the energy sector 	
 To promote sustainable use and management of existing infrastructure e.g. water, heat, energy or flood protection infrastructure 	
 Avoid an increase in the production of waste peat and other waste and meet the objectives of the Zero Waste Plan 	
 To meet heat demand through maximising the efficiency of heat networks 	
Commentary	
Material Assets are not identified within the spatial framework	
	 material assets Key environmental considerations: Protecting assets of economic and recreational value, including tourism Avoiding blighting mineral assets Reducing/minimising the use of natural resources in the energy sector To promote sustainable use and management of existing infrastructure e.g. water, heat, energy or flood protection infrastructure Avoid an increase in the production of waste peat and other waste and meet the objectives of the Zero Waste Plan To meet heat demand through maximising the efficiency of heat networks Commentary

Key success factors, mitigation, enhancement
N / A
Monitoring
N / A

Spatial Framework	SEA topic: Cultural Heritage		
	SEA objective: To protect and conserve the cultural and built environment and archaeological assets	Impact of policy on objective	
	Key environmental considerations:	+	
	 Respecting the pattern and form, and the landscape and historic setting of settlements 		
	Ensure consideration of direct (physical) effects on historic environment assets		
	Commentary		
	The spatial framework seeks refers to sites identified in the Inventory of Historic Battlefields and sites identified in the Inventory of Gardens and Designed Landscapes as Areas of Significant Protection and that any relevant proposals will be required to demonstrate that any significant effects on the qualities of these areas can be substantially overcome by siting, design or other mitigation		
	Key success factors, mitigation, enhancement		
	This should work in conjunction with LDP <i>policy</i> ED9 : Renewable Energy Development, policy EP8: Archaeology which aims to provide strong protection from damaging development and Policy EP10 : Gardens and Designed Landscapes aims to protect the character of Gardens and Designed Landscapes		
	Monitoring		
	Enforcement of planning conditions seeking compliance / mitigation / enhan	cement measures where relevant	

Spatial Framework	SEA topic: Landscape		
	SEA objective : To protect the character, quality and diversity of the landscape in the Borders	Impact of policy on objective	
	Key environmental considerations:	0	
	Protecting important views in the Borders		
	 Protecting designated landscapes and other areas with attractive or important landscaping from inappropriate development 		
	 Conserve and enhance landscape character and scenic value of the area 		
	Value and protect diversity and local distinctiveness		
	 Ensuring development is appropriately designed to fit with landscape character 		
	Commentary		
	The spatial framework identifies National Scenic Areas and National Parks a not be Allowed". Although there are no National Parks within the Scottish Consequently these are identifies within the spatial framework with full prote Although this is a positive no protection is given so Special Landscape Area landscapes and consequently it is considered the overall impact will be neut	Borders there are two NSAs. ection against wind farm approval s or other non designated	
	Key success factors, mitigation, enhancement		
	Wind farms are not allowed within the two NSAs in the Scottish Borders the impacts is not relevant.	refore any references to measurir	
	Monitoring		
	Wind farms are not allowed within NSAs and therefore no monitoring of importing ation required for wind farms in other landscapes will be monitored in terrelevant planning conditions.		