



Mallard Pass

Solar Farm

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Environmental Statement Volume 2 Appendix 13.1: Climate Change - Policy Context

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Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations
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Appendix 13.1 Legislation and Planning Policy Relevant to Climate Change

This Appendix presents the relevant legislation, planning policy and guidance relevant to the Climate Change assessment and is presented in the following sections.

Table 1 presents the national planning, Table 2 presents the relevant local planning policies and Table 3 presents the legislation which has been considered in carrying out the climate change assessment.

Table 1 National Planning Policy Relevant to Climate Change Assessment

National Planning Policy	Requirement in relation to Climate Change	Where has this been addressed in the EIA
Overarching National Policy Statement (NPS) for Energy EN-1 (2011) [Ref 1]	Climate impacts and adaptation, EIA requirements, adaptation in response to climate projections and assessment of impacts across climate scenarios.	<p>Sections 13.3 and 13.4 of Chapter 13: Climate Change of the ES [EN010127/APP/6.1] assess the climate change impacts and present adaptation measures in response to climate change in accordance with the measures outlined in EN-1 Section 4.8.</p> <p>Section 5.2 Air Quality and Emissions of EN-1 is assessed in Section 15.2 of Chapter: 15 Other Environmental Topics of the ES.</p> <p>Section 5.7 Flood Risk of EN-1 is assessed in Chapter 11: Water Resources and Ground Conditions of the ES and Appendix 11.5: Flood Risk Assessment of the ES Appendices [EN010127/APP/6.3].</p>
Draft Overarching National Policy Statement (NPS) for Energy EN-1 (2021) [Ref 2]	Climate impacts and adaptation, EIA requirements, adaptation in response to climate projections and assessment of impacts across climate scenarios.	Sections 13.3 and 13.4 of Chapter 13: Climate Change of the ES assess the climate change impacts and present adaptation measures in response to climate change in accordance with the measures outlined in Draft EN-1 Section 4.

National Planning Policy	Requirement in relation to Climate Change	Where has this been addressed in the EIA
National Policy Statement for Renewable Energy Infrastructure (EN-3) (2011) [Ref 3]	Climate Change Adaptation, Section 2.3	Sections 13.3 and 13.4 of Chapter 13: Climate Change of the ES present adaptation measures in response to climate change in accordance with the measures outlined in EN-3 Section 2.3.
Draft National Policy Statement for Renewable Energy Infrastructure (EN-3) (2021) [Ref 4]	Climate Change Adaptation, Section 2.3 and Section 2.47 to 2.54: Solar Photovoltaic generation	Sections 13.3 and 13.4 of Chapter 13: Climate Change of the ES present adaptation measures in response to climate change in accordance with the measures outlined in EN-3 Section 2.3. Section 2.48 Solar photovoltaic generation: factors influencing site selection and Section 2.49 technical considerations for the secretary of state of Draft EN-3 is assessed in Section 4.3 of Chapter: 4 Alternatives and Design Development of the ES.
NPS for Electricity Networks EN-5 (2011) [Ref 5]	Outlines the importance of climate change resilience.	Chapter 13: Climate Change of the ES assesses the resilience of the Proposed Development to environmental factors which might increase due to climate change and the impacts of environmental factors worsening due to the Proposed Development.

National Planning Policy	Requirement in relation to Climate Change	Where has this been addressed in the EIA
National Planning Policy Framework (NPPF) (2021) [Ref 6]	Mitigation and adaptation to climate change, taking into account long term implications of flood risk and conservation of the natural environment.	The effects of climate change on receptors which can impact the Proposed Development are detailed in Chapter 13: Climate Change of the ES.

Table 2 Local Planning Policy Relevant to Climate Change Assessment

Local Planning Policy	Requirement in relation to Climate Change	Where has this been addressed in the EIA
South Kesteven District Council Local Plan SD1 Presumption in Favour of Sustainable Development 2011 to 2036 (2020) [Ref 7]	Policy SD1 States “Development proposals in South Kesteven will be expected to minimise the impact on climate change and contribute towards creating a strong, stable and more diverse economy”.	Sections 13.3 and 13.4 of Chapter 13: Climate Change of the ES outlines how the Proposed Development will contribute to a net reduction in GHG emissions.
Rutland County Council Climate Change Action Motion (2020) [Ref 8]	The document states “Rutland County Council commits to:	Sections 13.3 and 13.4 of Chapter 13: Climate Change of the ES outlines how the Proposed Development will contribute to a net reduction in GHG emissions.

Local Planning Policy	Requirement in relation to Climate Change	Where has this been addressed in the EIA
	<ul style="list-style-type: none"> • Take action to deal with ‘Climate Change’ to make sure that the Council’s activities achieve net-zero carbon before 2050. • Ensure that all strategic decisions, budgets and approaches to planning decisions are in line with a shift to zero carbon by 2050; • Consider other actions that could be implemented, including (but not restricted to): renewable energy generation and storage...” 	
Lincolnshire County Council Carbon Management Plan (2019) [Ref 9]	The plan aims to reduce GHG by 62% by 2023 based on the 2005/6 baseline.	Section 13.4 of Chapter 13: Climate Change of the ES outlines how the Proposed Development will contribute to a net reduction in GHG emissions.

Table 3 Legislation Relevant to Climate Change Assessment

Legislative Instrument	Requirement in relation to Climate Change	Where has this been addressed in the EIA
Climate Change Act 2008 [Ref 10]	Sets the target for the reduction of GHG emissions for the year 2050.	Section 13.4 of Chapter 13: Climate Change of the ES outlines how the Proposed Development will contribute to reductions in GHG emissions.
Carbon Budgets Order 2009 to 2021 (2021) [Ref 11]	Establishes the carbon budgets for the relevant periods.	Section 13.4 of Chapter 13: Climate Change of the ES outlines how the Proposed Development will contribute to reductions in GHG emissions.

Guidance

The following guidance have been considered in carrying out this assessment:

- Institute of Environmental Management and Assessment (IEMA) EIA Guide to: Climate Change Resilience and Adaptation (2020) [Ref 12];
- IEMA Assessing Greenhouse Gas Emissions and Evaluating their Significance 2nd Edition (2022) [Ref 13];
- Intergovernmental Panel on Climate Change (IPCC) Annex III: Technology-specific cost and performance parameters. In: Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (2014) [Ref 14]; and
- Department for Levelling Up, Housing and Communities Planning Practice Guidance for Climate Change (2019) [Ref 15].

References

- Ref 1 Department of Energy and Climate Change (2011) Overarching National Policy Statement for Energy (EN-1) [online].
- Ref 2 Department for Business, Energy & Industrial Strategy (2021) Draft Overarching National Policy Statement for Energy (EN-1) [online].
- Ref 3 Department of Energy and Climate Change (2011) Overarching National Policy Statement for Energy (EN-3) [online].
- Ref 4 Department for Business, Energy & Industrial Strategy (2021) Draft Overarching National Policy Statement for Energy (EN-3) [online].
- Ref 5 Department of Energy and Climate Change (2011) National Policy Statement for Electricity Networks Infrastructure (EN-5) [online].
- Ref 6 Ministry of Housing, Communities and Local Government (2021). National Planning Policy Framework [Online].
- Ref 7 South Kesteven District Council (2020). South Kesteven Local Plan [Online].
- Ref 8 Rutland County Council (2020). Climate Change Action Motion [Online].
- Ref 9 Lincolnshire County Council (2018). Carbon Management Plan [Online].
- Ref 10 Parliament: House of Commons (2008). The Climate Change Act 2008.
- Ref 11 Department of Energy and Climate Change (2021). The Carbon Budgets Order 2021 [Online].
- Ref 12 Institute of Environmental Management and Assessment (IEMA) (2020). IEMA EIA Guide to: Climate Change Resilience and Adaptation [Online].
- Ref 13 Institute of Environmental Management and Assessment (IEMA) (2022). Assessing Greenhouse Gas Emissions and Evaluating their Significance 2nd Edition [Online].
- Ref 14 Department for Levelling Up, Housing and Communities (2019). Planning Practice Guidance: Climate Change [Online].
- Ref 15 Intergovernmental Panel on climate change (IPCC)) (2014): Annex III: Technology-specific cost and performance parameters. In: Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Table A.III.2 [Online].

