

Tritax Symmetry (Hinckley) Limited

HINCKLEY NATIONAL RAIL FREIGHT INTERCHANGE

The Hinckley National Rail Freight Interchange Development Consent Order

Project reference TR050007

Environmental Statement Volume 2: Appendices

Appendix 18.5: Sensitive Receptors to Climatic Variables and Hazards

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Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009
Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017
Regulation 14

This document forms a part of the Environmental Statement for the Hinckley National Rail Freight Interchange project.

Tritax Symmetry (Hinckley) Limited (TSH) has applied to the Secretary of State for Transport for a Development Consent Order (DCO) for the Hinckley National Rail Freight Interchange (HNRFI).

To help inform the determination of the DCO application, TSH has undertaken an environmental impact assessment (EIA) of its proposals. EIA is a process that aims to improve the environmental design of a development proposal, and to provide the decision maker with sufficient information about the environmental effects of the project to make a decision.

The findings of an EIA are described in a written report known as an Environmental Statement (ES). An ES provides environmental information about the scheme, including a description of the development, its predicted environmental effects and the measures proposed to ameliorate any adverse effects.

Further details about the proposed Hinckley National Rail Freight Interchange are available on the project website:



The DCO application and documents relating to the examination of the proposed development can be viewed on the Planning Inspectorate’s National Infrastructure Planning website:

<https://infrastructure.planninginspectorate.gov.uk/projects/east-midlands/hinckley-national-rail-freight-interchange/>

Appendix 18.5 ◆

SENSITIVE RECEPTORS TO CLIMATIC VARIABLES AND HAZARDS

Table 18.5.1: Sensitive receptors to climatic variables and hazards

Components of the Proposed Development	Sea				Precipitation				Temperature			Wind		Relative Humidity		Water Quality and Soils			
	Sea level rise	Storm surge and tidal	Surface Temperature	Currents and Waves	Changes in seasonal average	Drought	Extreme precipitation events	Snow	Changes in seasonal average	Extreme temperature events (high and low)	Solar radiation	Gales and extreme wind events	Storm (lightening and hail)	Changes in annual average	Evaporation	Soil moisture	Salinity /pH	Runoff	Degradation of soils
Substructure					<	<	<	<	<	<						<		<	<

Infrastructure / Building Structures					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	
Roads					✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓
Bridges					✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓
Landscaping					✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓
Pedestrian and Cycle Ways					✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓
Rail Infrastructure					✓	✓	✓	✓	✓	✓		✓	✓	✓				✓	✓