

Tritax Symmetry (Hinckley) Limited

## **HINCKLEY NATIONAL RAIL FREIGHT INTERCHANGE**

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### **The Hinckley National Rail Freight Interchange Development Consent Order**

Project reference TR050007

### **Environmental Statement Volume 2: Appendices**

### **Appendix 18.7: District, Regional and National Greenhouse Gas Emissions**

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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/>**

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## Appendix 18.7 ◆

**DISTRICT, REGIONAL AND NATIONAL GREENHOUSE GAS EMISSIONS**

Table 18.7.1: District, regional and national GHG emissions (2021)

Emissions Source	Blaby (ktCO <sub>2</sub> e/yr )	Hinckley and Bosworth (ktCO <sub>2</sub> e/yr )	L'shire (ktCO <sub>2</sub> e/yr )	East Midlands (ktCO <sub>2</sub> e/yr )	West Midlands (ktCO <sub>2</sub> e/yr )	England (ktCO <sub>2</sub> e/yr )
A. Industry Electricity	12.1	21.8	143.0	1,062.8	1,036.2	8,754
B. Industry Gas	13.4	26.4	218.3	1,282.2	1,481.7	11,13.5
C. Large Industrial Installations	1.0	23.2	78.1	3,494.0	1,763.3	18,897.7
D. Industrial 'Other'	16.4	26.9	277.6	1,359.3	1,427.7	11,751.7
<i>Industry Total</i>	<i>42.9</i>	<i>98.3</i>	<i>717.0</i>	<i>7,198.3</i>	<i>5,708.9</i>	<i>39,403.4</i>
E. Commercial Electricity	24.9	16.3	127.0	779.4	1,014.3	11,369.5
F. Commercial Gas	10.2	14.7	79.6	749.7	791.0	8,957.5

Emissions Source	Blaby (ktCO <sub>2</sub> e/yr)	Hinckley and Bosworth (ktCO <sub>2</sub> e/yr)	L'shire (ktCO <sub>2</sub> e/yr)	East Midlands (ktCO <sub>2</sub> e/yr)	West Midlands (ktCO <sub>2</sub> e/yr)	England (ktCO <sub>2</sub> e/yr)
G. Commercial 'Other'	0.2	0.2	1.6	9.6	10.3	120.2
<i>Commercial Total</i>	<i>35.3</i>	<i>31.2</i>	<i>208.2</i>	<i>1,538.7</i>	<i>1,815.6</i>	<i>20,447.2</i>
H. Road Transport (A roads)	38.5	59.3	478.5	3,896.0	3,234.2	33,167.2
I. Road Transport (Motorways)	168.9	83.0	544.3	1,427.1	2,658.8	18,591.1
J. Road Transport (Minor roads)	69.1	84.7	497.9	3,215.9	3,839.1	34,571.9
K. Diesel Railways	2.7	1.2	32.3	189.0	182.5	1,298.6
L. Transport 'Other'	2.4	8.6	44.5	157.4	246.9	1,882.1
<i>Transport Total</i>	<i>281.6</i>	<i>236.8</i>	<i>1,597.5</i>	<i>8,885.4</i>	<i>10,161.5</i>	<i>89,510.9</i>
M. Landfill	28.0	32.7	198.3	873.6	1,258.3	9,959.6

Emissions Source	Blaby (ktCO <sub>2</sub> e/yr)	Hinckley and Bosworth (ktCO <sub>2</sub> e/yr)	L'shire (ktCO <sub>2</sub> e/yr)	East Midlands (ktCO <sub>2</sub> e/yr)	West Midlands (ktCO <sub>2</sub> e/yr)	England (ktCO <sub>2</sub> e/yr)
N. Waste Management 'Other'	10.1	6.4	47.3	375.9	358.4	3,924.4
<i>O. Waste Management Total</i>	<i>38.1</i>	<i>39.1</i>	<i>245.6</i>	<i>1,249.4</i>	<i>1,616.7</i>	<i>13,883.9</i>
<b>Grand Total</b>	<b>397.9</b>	<b>405.4</b>	<b>2,768.3</b>	<b>18,871.8</b>	<b>19,302.7</b>	<b>163,244.8</b>
Population ('000s, mid-year estimate)	102.0	113.7	713.1	4,865.6	5,961.9	56,550.1
Per Capita Emissions	0.0039	0.0036	0.0038	0.0039	0.0032	0.0029
Area (km <sup>2</sup> )	130.5	297.4	2,083.8	15,810.7	13,003.7	132,929.1
Emissions per km <sup>2</sup> (kt)	3.0	1.4	1.3	1.2	1.5	1.2