

# The Drax Power (Generating Stations) Order

Land at, and in the vicinity of, Drax Power Station, near Selby, North Yorkshire

Environmental Statement

Appendix 5.7 – Gravity Model Distribution



The Planning Act 2008  
The Infrastructure Planning (Applications: Prescribed Forms and Procedure)  
Regulations 2009 – Regulation 5(2)(a)

## **Drax Power Limited**

Drax Repower Project

Applicant: DRAX POWER LIMITED  
Date: May 2018  
Document Ref: 6.2.5.7  
PINS Ref: EN010091

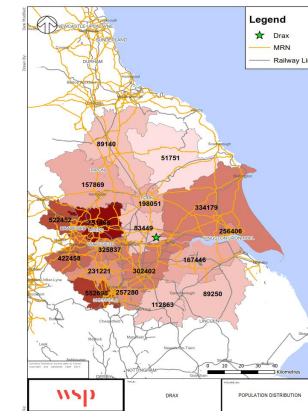


Route	District (50km Radius of Site)	Total Population (2011)	X	Y	Distance from Dev	Gravity Calculati	Percentage	Length (of 30,000m)
1	City of Kingston upon Hull (B)	256406	509840	430569	43,424	0	3%	1279
2	East Riding of Yorkshire	334179	499880	442359	36,643	0	6%	2056
3	North Lincolnshire (B)	167446	493239	411740	30,806	0	4%	1276
4	York (B)	198051	461681	451811	25,158	0	8%	1938
5	West Lindsey District	89250	501369	389516	51,254	0	1%	363
6	Hambleton District	89140	444425	488119	64,880	0	0%	271
7	Harrogate District (B)	157869	426568	463538	54,077	0	1%	601
8	Ryedale District	51751	474969	480025	53,561	0	0%	199
9	Selby District	83449	457109	432651	10,939	0	21%	2283
10	Bassetlaw District	112863	469427	382267	44,954	0	1%	539
11	Barnsley District (B)	231221	431077	404459	42,100	0	3%	1198
12	Doncaster District (B)	302402	460016	405677	22,426	0	15%	3411
13	Rotherham District (B)	257280	447553	390437	41,319	0	3%	1365
14	Sheffield District (B)	552698	429990	389827	52,232	0	4%	2195
15	Bradford	522452	409659	438724	58,063	0	3%	1821
16	Kirklees	422458	415750	414563	52,333	0	3%	1674
17	Leeds	751485	432614	436721	35,267	0	14%	4847
18	Wakefield	325837	438967	418403	28,932	0	9%	2683

Total Population 4906237

Routing*	←→	←→	←→	←→
A645 E	M62 E	A63 E		
A645 E	M62 E	A614		
A645 E	M62 W	M18 S	M180 E	M181 E
A645 W	A1041	A19 N		
A645 E	M62 W	M18 S	M180 E	M181 E
A645 W	A1041	A63 W	A1 N	
A645 W	A1042	A63 W	A1 N	
A645 W	A1041	A19 N		
A645 W	A1041			
A645 E	M62 W	M18 S		
A645 E	M62 W	A1 S		
A645 E	M62 W	M18 S		
A645 E	M62 W	M18 S		
A645 E	M62 W	M18 S		
A645 E	M62 W	A1 N		
A645 E	M62 W			
A645 E	M62 W	A1 N		
A645 E	M62 W			

\*Routed using Origin Destination Journeys via Google Earth



	Project Site Project Site	
	X	Y
Drax Site	466552	427129
Development Population	1	
K Factor	2.2345	
Average Trip Length Construction (m)	30,000	
Major Urban Location Likely to Supply Construction Workers	Distance approx. (straight line km) to Drax site	
Hull	43.5	
Doncaster	25	
Leeds	37	
York	26	
Average	32.875	
Based on 'Average', Approx Calibration Distance	30km	