



**RWE Renewables UK Dogger Bank
South (West) Limited**

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Dogger Bank South Offshore Wind Farms

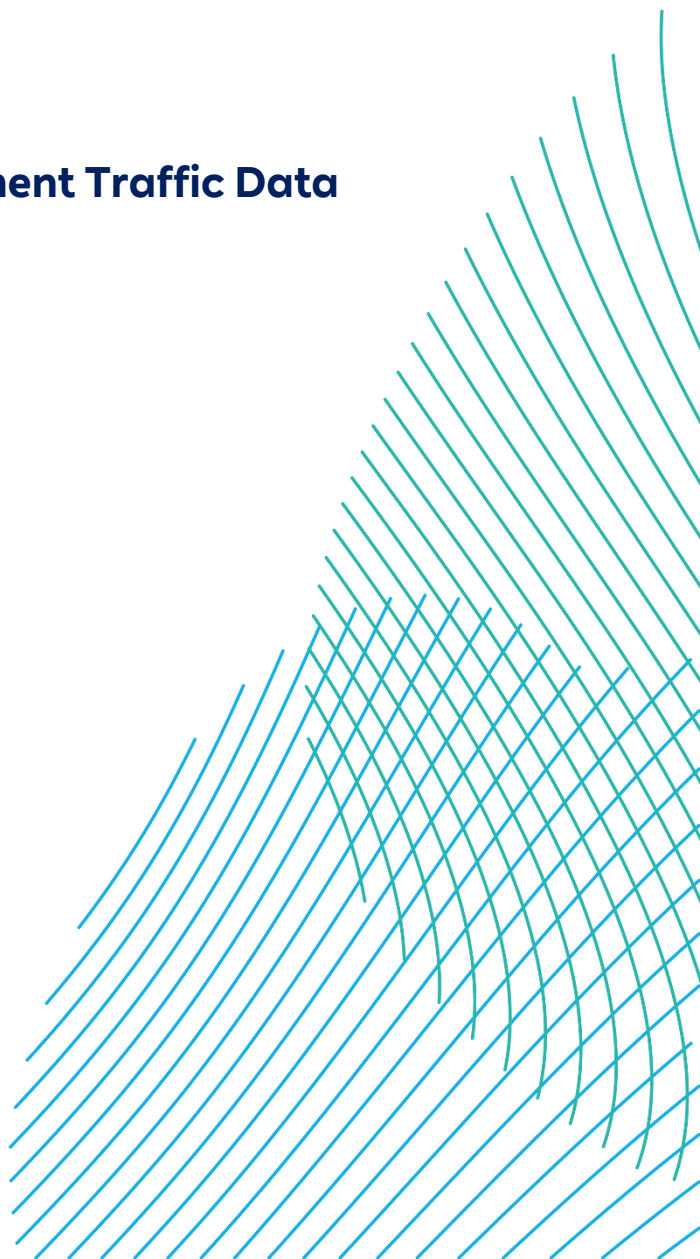
Appendix 26.2 Air Quality Assessment Traffic Data

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Acronyms

Term	Definition
AADT	Annual Average Daily Traffic
HGV	Heavy Goods Vehicle
TEMPro	Trip End Model Presentation Program

26.2 Air Quality Assessment Traffic Data

1. The traffic data used in the air quality assessment were provided by Royal HaskoningDHV, the Transport Consultants for Projects. The derivation of the traffic flows is detailed in **Chapter 24 Traffic and Transport**. The traffic data used for DBS East and DBS West for the project alone (i.e. DBS East or DBS West in isolation) and projects concurrently are provided in **Table 26.2-1**.
2. As detailed in the table, traffic data has been factored to account for traffic growth between 2019 and 2026, by applying background growth factors that account for regional traffic growth from the Trip End Model Presentation Program (TEMPro), which takes into account traffic growth from committed developments (e.g. residential developments, employment, etc.).

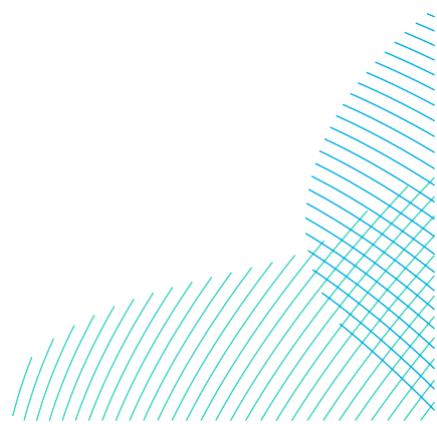


Table 26.2-1 Air Quality Traffic Data for DBS East and/or DBS West Assessment

Link ID	Road Name	2019 Base Year		2026 Base Year		2026 With DBS East or DBS West in Isolation		2026 With DBS East and DBS West Concurrent Construction	
		AADT	% HGV	AADT	% HGV	AADT	% HGV	AADT	% HGV
1	A165 Carnaby to Lissett	10,651	5%	11,670	5%	11,686	5%	11,698	5%
2	A165 Lissett to Beeford	10,651	5%	11,670	5%	11,747	5%	11,800	6%
3	A165 Beeford to Brandesburton	8,305	6%	9,099	6%	9,389	7%	9,643	8%
4	B1242 Lissett to Skipsea	2,849	2%	3,121	2%	3,183	4%	3,226	5%
5	Beeford Road	1,314	1%	1,440	1%	1,549	5%	1,643	8%
6	B1242 Skipsea to End	3,003	2%	3,291	2%	3,429	3%	3,548	4%
7	Dunnington Lane	134	19%	147	19%	285	30%	412	31%
8	Catfoss Road	971	2%	1,064	2%	1,202	6%	1,333	8%

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Link ID	Road Name	2019 Base Year		2026 Base Year		2026 With DBS East or DBS West in Isolation		2026 With DBS East and DBS West Concurrent Construction	
		AADT	% HGV	AADT	% HGV	AADT	% HGV	AADT	% HGV
9	A165 Brandesburton to Leven	10,651	5%	11,670	5%	12,095	6%	12,478	7%
10	A1035 Level to Catwick	8,263	3%	9,053	3%	9,226	4%	9,372	4%
11	Catwick Stub	214	2%	235	2%	331	10%	427	12%
12	A1035 Leven to A165	16,837	6%	18,448	6%	19,042	7%	19,567	8%
13	A165 from A1035 to Skirlaugh	9,461	6%	10,366	6%	10,880	9%	11,294	11%
14	A165 through Skirlaugh	9,461	6%	10,366	6%	10,729	9%	10,974	11%
15	A165 from Skirlaugh to Coniston	9,461	6%	10,366	6%	10,725	9%	10,968	11%
16	A165 from Coniston to Holderness Road	9,461	6%	10,446	6%	10,804	9%	11,047	11%

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Link ID	Road Name	2019 Base Year		2026 Base Year		2026 With DBS East or DBS West in Isolation		2026 With DBS East and DBS West Concurrent Construction	
		AADT	% HGV	AADT	% HGV	AADT	% HGV	AADT	% HGV
17	A165/Holderness Road	25,269	3%	27,899	3%	28,258	4%	28,500	4%
18	A165/Holderness Road	14,653	7%	16,178	7%	16,537	9%	16,780	10%
19	Mount Pleasant/A1033	18,330	7%	20,238	7%	20,957	10%	21,314	11%
20	A1033 Slip Road	10,984	9%	12,127	9%	12,817	14%	13,156	16%
21	A1033/Hedon Road	38,808	11%	42,847	11%	43,538	13%	43,878	13%
22	A1033/Hedon Road	10,984	9%	12,127	9%	12,818	14%	13,159	16%
23	A1033/Hedon Road	28,646	11%	31,627	11%	32,294	12%	32,615	13%
24	A63	41,906	11%	46,267	11%	46,968	12%	47,306	13%
25	A63	50,413	11%	55,660	11%	56,360	12%	56,698	13%
26	A63	62,151	10%	68,096	10%	68,763	11%	69,084	11%

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Link ID	Road Name	2019 Base Year		2026 Base Year		2026 With DBS East or DBS West in Isolation		2026 With DBS East and DBS West Concurrent Construction	
		AADT	% HGV	AADT	% HGV	AADT	% HGV	AADT	% HGV
27	A63	52,615	12%	57,648	12%	58,642	13%	59,191	13%
28	A15/Boothferry Road	32,746	9%	35,878	9%	36,873	10%	37,421	11%
29	Humberbridge	22,807	7%	24,989	7%	25,239	7%	25,410	7%
30	A164	19,947	6%	21,855	6%	23,130	9%	23,871	10%
31	A164	19,947	6%	21,855	6%	23,138	9%	23,886	10%
32	A164	19,947	6%	21,855	6%	23,316	9%	24,179	10%
33	A164	32,822	4%	35,962	4%	37,423	6%	38,286	7%
34	A164	32,822	4%	35,962	4%	37,593	6%	38,574	7%
35	A164	32,822	4%	35,962	4%	37,726	6%	38,755	7%
36	Dunflat Road off A164	2,115	1%	2,317	1%	2,534	5%	2,710	6%

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Link ID	Road Name	2019 Base Year		2026 Base Year		2026 With DBS East or DBS West in Isolation		2026 With DBS East and DBS West Concurrent Construction	
		AADT	% HGV	AADT	% HGV	AADT	% HGV	AADT	% HGV
37	Coppleflat Lane	2,442	3%	2,676	3%	2,893	6%	3,068	7%
38	A164	21,991	4%	24,095	4%	25,543	7%	26,382	8%
39	B1248	4,613	0%	5,054	0%	5,106	0%	5,141	0%
40	A1033/Thomas Clarkson Way	18,997	4%	20,974	4%	21,727	7%	22,119	8%
45	A1033	21,087	4%	23,282	4%	24,024	7%	24,471	8%
46	A1174	15,425	1%	16,900	1%	16,927	1%	16,987	1%
49	A1174	15,425	1%	16,900	1%	16,927	1%	16,987	1%
50	A164/ Woodmansey	9,574	5%	10,490	5%	11,521	9%	12,357	11%
51	A164/Woodmansey	9,574	5%	10,490	5%	11,887	10%	12,689	12%
52	A1174/A164	15,671	5%	17,170	5%	18,228	8%	19,104	9%

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Link ID	Road Name	2019 Base Year		2026 Base Year		2026 With DBS East or DBS West in Isolation		2026 With DBS East and DBS West Concurrent Construction	
		AADT	% HGV	AADT	% HGV	AADT	% HGV	AADT	% HGV
53	A1174/A164/Swinemoor Lane	15,671	5%	17,170	5%	18,228	8%	19,104	9%
54	A1035	19,389	5%	21,244	5%	22,052	6%	22,778	7%
55	A1035	19,389	5%	21,244	5%	22,228	7%	23,065	8%
56	A1035	19,389	5%	21,244	5%	22,467	7%	23,485	8%
57	A1035/A164	13,305	6%	14,578	6%	14,879	6%	15,155	6%
58	Stub off A1035	96	5%	105	5%	228	28%	325	28%
59	Driffield Road	10,589	1%	11,602	1%	11,676	2%	11,749	2%
60	A1035	10,059	9%	11,021	9%	11,359	10%	11,650	11%
61	A1035/Dog Kennel Lane	14,672	7%	16,075	7%	16,401	7%	16,659	7%
62	A1174	6,209	1%	6,803	1%	6,940	2%	7,060	3%

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Link ID	Road Name	2019 Base Year		2026 Base Year		2026 With DBS East or DBS West in Isolation		2026 With DBS East and DBS West Concurrent Construction	
		AADT	% HGV	AADT	% HGV	AADT	% HGV	AADT	% HGV
63	A1079	19,516	6%	21,383	6%	22,414	8%	22,937	9%
64	Killingwoldgraves Lane	6,838	2%	7,492	2%	7,619	3%	7,701	3%
65	A1079/Bishop Burton	12,242	3%	13,413	3%	13,546	3%	13,641	3%
66	A1079	20,421	5%	22,374	5%	23,295	8%	23,841	9%
68	Coppleflat Lane	6,838	2%	7,492	2%	7,619	3%	7,701	3%
69	B1230	4,429	2%	4,852	2%	4,852	2%	4,852	2%
71	Broadgate/B1230	6,753	1%	7,399	1%	7,572	2%	7,707	3%
73	Eske Lane	51	2%	56	2%	178	32%	292	32%
74	Mount Pleasant/A1033 and Stoneferry Rd/A1165	24,145	8%	26,658	8%	27,393	10%	27,750	11%
75	Sutton Road/A1033	18,997	4%	20,974	4%	21,733	7%	22,107	8%

References

Institute of Air Quality Management (2016). Guidance on the assessment of dust from demolition and construction. Version 1.1.

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