

The Lighthouse Green Fuels Order

Application Reference: EN0110025

Applicant: LGF Projects Limited

Environmental Statement Volume III Appendix 18B: Assessment of Construction Phase Effects

Document Reference: 6.3.25

Revision: 00

APFP Reg. 5(2)(a) and EIA Reg. 14

Document information

Document Title	ES Appendix 18B: Assessment of Construction Phase Effects
Document Ref	6.3.25
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Revision record

00	Purpose	DCO Application Submission
	Date	September 2026

Information classification

Information Classification	Date	Reason
Public	September 2026	Proprietary information which will have no impact on the company if disclosed publicly

Proposed Development Peak of Construction Magnitude of Impact

Link	Sensitivity	Percentage Increase (%)		Magnitude of Impact			
		Total Vehicles	Total HGVs	Severance	NMU Amenity	Fear and Intimidation	Highway Safety
1	Low	65.8%	55.1%	Medium	Medium	Very Low	Very Low
2	Low	24.7%	0.0%	Very Low	Very Low	Very Low	Very Low
3	Low	4.7%	0.0%	Very Low	Very Low	Very Low	Very Low
4	Low	12.5%	35.2%	Very Low	Low	Very Low	Very Low
5	Medium	12.5%	35.2%	Very Low	Low	Very Low	Low
6	Medium	12.5%	35.2%	Very Low	Low	Very Low	Very Low
7	Medium	1.1%	0.0%	Very Low	Very Low	Very Low	Very Low
8	Low	3.9%	21.5%	Very Low	Very Low	Very Low	Very Low
9	Low	0.0%	0.0%	Very Low	Very Low	Very Low	Very Low
10	Low	0.0%	0.0%	Very Low	Very Low	Very Low	Medium
11	Medium	0.0%	0.0%	Very Low	Very Low	Very Low	Very Low
12	Medium	-	-	-	-	-	-
13	Low	1.3%	12.0%	Very Low	Very Low	Very Low	Very Low
14	Low	1.3%	12.0%	Very Low	Very Low	Very Low	Low
15	Medium	0.1%	0.5%	Very Low	Very Low	Very Low	Very Low
16	Medium	0.9%	7.8%	Very Low	Very Low	Very Low	Very Low
17	Low	24.7%	0.0%	Very Low	Very Low	Very Low	Very Low
18	High	24.6%	0.0%	Very Low	Very Low	Very Low	Very Low
19	Medium	24.6%	0.0%	Very Low	Very Low	Very Low	Very Low
20	Medium	5.7%	0.0%	Very Low	Very Low	Very Low	Very Low
21	Low	0.4%	0.0%	Very Low	Very Low	Very Low	Very Low
22	Low	2.0%	0.0%	Very Low	Very Low	Very Low	Very Low
23	High	-	-	-	-	-	-
24	Low	1.5%	0.0%	Very Low	Very Low	Very Low	Very Low
25	High	0.2%	0.0%	Very Low	Very Low	Very Low	Very Low
26	Medium	1.3%	0.0%	Very Low	Very Low	Very Low	Very Low
27	Low	0.2%	0.0%	Very Low	Very Low	Very Low	Very Low
28	High	0.1%	0.0%	Very Low	Very Low	Very Low	Very Low
29	High	0.1%	0.0%	Very Low	Very Low	Very Low	Very Low

Link	Sensitivity	Percentage Increase (%)		Magnitude of Impact			
		Total Vehicles	Total HGVs	Severance	NMU Amenity	Fear and Intimidation	Highway Safety
30	Low	0.3%	0.0%	Very Low	Very Low	Very Low	Very Low
31	Medium	0.2%	2.9%	Very Low	Very Low	Very Low	Very Low
32	Medium	12.8%	0.0%	Very Low	Very Low	Very Low	Very Low
33	Medium	12.8%	0.0%	Very Low	Very Low	Very Low	Very Low
34	Medium	1.1%	0.0%	Very Low	Very Low	Very Low	Very Low
35	Medium	12.5%	0.0%	Very Low	Very Low	Very Low	Very Low
36	Medium	12.5%	0.0%	Very Low	Very Low	Very Low	Very Low
37	Medium	0.8%	0.0%	Very Low	Very Low	Very Low	Very Low
38	Medium	1.5%	0.0%	Very Low	Very Low	Very Low	Medium
39	Medium	0.1%	0.0%	Very Low	Very Low	Very Low	Medium
40	Medium	0.0%	0.0%	Very Low	Very Low	Very Low	Medium

Proposed Development Peak of Construction Classification of Effects

Link	Sensitivity	Percentage Increase (%)		Significance of Effect			
		Total Vehicles	Total HGVs	Severance	NMU Amenity	Fear and Intimidation	Highway Safety
1	Low	65.8%	55.1%	Minor Not Significant	Minor Not Significant	Negligible Not Significant	Negligible Not Significant
2	Low	24.7%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
3	Low	4.7%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
4	Low	12.5%	35.2%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
5	Medium	12.5%	35.2%	Negligible Not Significant	Minor Not Significant	Negligible Not Significant	Minor Not Significant
6	Medium	12.5%	35.2%	Negligible Not Significant	Minor Not Significant	Negligible Not Significant	Negligible Not Significant
7	Medium	1.1%	0.0%	Negligible Not Significant	Minor Not Significant	Negligible Not Significant	Negligible Not Significant
8	Low	3.9%	21.5%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
9	Low	0.0%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
10	Low	0.0%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Minor Not Significant
11	Medium	0.0%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
12	Medium	-	-	-	-	-	-
13	Low	1.3%	12.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
14	Low	1.3%	12.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
15	Medium	0.1%	0.5%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant

Link	Sensitivity	Percentage Increase (%)		Significance of Effect			
		Total Vehicles	Total HGVs	Severance	NMU Amenity	Fear and Intimidation	Highway Safety
16	Medium	0.9%	7.8%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
17	Low	24.7%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
18	High	24.6%	0.0%	Minor Not Significant	Minor Not Significant	Minor Not Significant	Minor Not Significant
19	Medium	24.6%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
20	Medium	5.7%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
21	Low	0.4%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
22	Low	2.0%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
23	High	-	-	-	-	-	-
24	Low	1.5%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
25	High	0.2%	0.0%	Minor Not Significant	Minor Not Significant	Minor Not Significant	Negligible Not Significant
26	Medium	1.3%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
27	Low	0.2%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
28	High	0.1%	0.0%	Minor Not Significant	Minor Not Significant	Minor Not Significant	Minor Not Significant
29	High	0.1%	0.0%	Minor Not Significant	Minor Not Significant	Minor Not Significant	Minor Not Significant
30	Low	0.3%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
31	Medium	0.2%	2.9%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant

Link	Sensitivity	Percentage Increase (%)		Significance of Effect			
		Total Vehicles	Total HGVs	Severance	NMU Amenity	Fear and Intimidation	Highway Safety
32	Medium	12.8%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
33	Medium	12.8%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
34	Medium	1.1%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
35	Medium	12.5%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
36	Medium	12.5%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
37	Medium	0.8%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant
38	Medium	1.5%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Moderate Adverse Significant
39	Medium	0.1%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Moderate Adverse Significant
40	Medium	0.0%	0.0%	Negligible Not Significant	Negligible Not Significant	Negligible Not Significant	Moderate Adverse Significant



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