



HELIOS RENEWABLE
ENERGY
PROJECT

PINS Document Number:
EN010140/APP/6.3.11.3

Pursuant to:
APFP Regulation 5(2)(a)

**Environmental Statement
Appendix 11.3:
Traffic Flow Data**

June 2024

Appendix 11.3 – 2027 Traffic Flow Data

104-025: Helios Renewable Energy Project												
2022 Base Flows - AAWT 18 Hr												
Link	Base 2022					Avg Speed	85th% Speed	% Change (Total Vehicles)	% Change (HGV)			
	Total Vehicles	HGV	% HGV	Total Vehicles	HGV							
A614*	12,283	1,027	8%	210	52	12,924	1,115	9%	60mph	60mph	2%	5%
A645	7,926	692	9%	210	52	8,414	768	9%	50mph	57mph	3%	7%
A1041	12,795	788	6%	182	38	13,426	854	6%	51mph	58mph	1%	5%
Jowland Winn Lane	50	2	5%	90	20	142	22	16%	31mph	41mph	174%	805%
Hardenshaw Lane	91	2	2%	46	10	141	12	9%	30mph	38mph	49%	541%
M62*	53,547	14,196	27%	210	52	55,636	14,746	27%	70mph	70mph	0.4%	0.4%
<i>*No ATC data, posted speed based on sign posted speed limit</i>												
Base 2027 plus Development - AAWT 18 Hr												
Link	Base 2027			Development		Base 2027 plus Development			Speeds		% Change (Total Vehicles)	% Change (HGV)
	Total Vehicles	HGV	% HGV	Total Vehicles	HGV	Total Vehicles	HGV	% HGV	Avg Speed	85th% Speed		
A614	12,714	1,063	8%	210	52	12,924	1,115	9%	60mph	60mph	2%	5%
A645	8,204	716	9%	210	52	8,414	768	9%	50mph	57mph	3%	7%
A1041	13,244	816	6%	182	38	13,426	854	6%	51mph	58mph	1%	5%
Jowland Winn Lane	52	2	5%	90	20	142	22	16%	31mph	41mph	174%	805%
Hardenshaw Lane	95	2	2%	46	10	141	12	9%	30mph	38mph	49%	541%
M62	55,426	14,694	27%	210	52	55,636	14,746	27%	70mph	70mph	0.4%	0.4%