

# GTR Environmental Impact Monitoring Dataset 2023-24

Traction	Measure	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	Total
Metered - 313	kWh	1,052,799	518,301	57,214	3,974	0	0	0	0	0	0	0	0	0	1,632,288
Metered - 365	kWh	0	0	0	0	0	0	8,679	1,162	0	0	0	0	0	9,841
Metered - 377	kWh	18,468,728	14,987,338	16,521,031	15,858,177	15,655,497	16,325,905	15,468,785	17,451,370	16,452,769	15,610,354	17,780,560	17,524,143	18,049,835	216,154,492
Metered - 387	kWh	6,322,676	5,639,615	6,187,610	6,075,386	6,123,604	6,299,457	5,912,848	7,071,891	6,795,067	6,397,972	7,396,523	7,092,347	7,630,299	84,945,295
Metered - 455	kWh	6,865	913	1,735	2,067	4,370	3,256	270	5,738	1,708	19,179	1,009	1,355	1,583	50,049
Metered - 700	kWh	26,914,364	23,122,894	22,676,244	21,855,301	21,935,826	24,162,608	21,441,219	25,527,493	23,979,653	23,143,836	25,786,835	24,798,941	26,690,543	312,035,758
Metered - 717	kWh	2,741,938	2,349,534	2,455,282	2,361,899	2,402,941	2,489,582	2,369,784	2,625,220	2,563,188	2,461,598	2,507,989	2,548,276	2,798,945	32,676,176
Unmetered - 313	kWh	15,985	34,705	60,257	37,786	23,862	23,878	17,452	54,324	26,327	39,625	12,633	19,454	9,244	375,532
Unmetered - 377	kWh	392,613	367,468	367,085	364,192	420,406	286,574	284,772	468,259	296,574	280,166	329,269	217,966	150,088	4,225,432
Diesel	Litres	347,637	260,291	277,424	285,534	256,578	269,536	297,537	330,894	289,745	288,582	335,376	293,641	346,497	3,879,271

Non-Traction	Measure	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Total
Gas	kWh	1,584,064	697,167	272,011	143,281	143,396	179,615	386,409	1,062,351	1,702,407	2,763,269	-5,313	3,101,683	12,030,340
Electricity	kWh	3,945,856	3,498,515	3,270,847	3,298,650	3,343,176	3,388,394	3,659,528	4,314,182	972,915	6,109,510	4,516,399	4,741,674	45,059,646
Water	m3	33,304	32,694	30,729	30,087	29,842	27,480	27,032	26,413	27,830	30,437	30,316	31,043	357,207

Carbon	Measure	2023/24
Scope 1	Tonnes CO2e	13,209
Scope 2	Tonnes CO2e	135,034

Waste	Measure	2023/24
Waste Diverted from Landfill	Tonnes	3,809.36
Waste Recycled	Tonnes	1,009.49
Waste subject to other recovery	Tonnes	2,799.88

EMS	Measure	2023/24
Notices	Total	0
Fines or Prosecutions	Total	0
Incidents	Total	340
Staff Briefed/Trained	%	5

Total Waste Generated	Tonnes	3,824.78
Hazardous Waste	Tonnes	165.63
Non-Hazardous Waste	Tonnes	3,659.16

Waste to Landfill	Tonnes	15.42
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KPI	Measure	Target	2023/24
Scope 1 Carbon Emissions	T CO2e	12,946	13,209
Scope 2 Carbon Emissions	T CO2e	123,616	135,034
Non-Traction Electricity Consumption	kWh	45,516,821	45,059,646
Non-Traction Gas Consumption	kWh	17,320,052	12,030,340
Waste Volume	T	4,266	3,825
Waste to Landfill	T	0	15
Waste Recycled	%	35%	26.4%
Water Consumption	m³	344,524	357,207

Target achieved	Target missed	Target missed, but consumption reduced
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