

# GTR Environment KPIs

2021/2022 vs 2019/2020 baseline

Measure	Measured units	Baseline* (2019/2020 April-March)	Target for 2021/22	Actual (2021/2022 April-March)	Actual change (2021/2022 vs baseline)
Non-traction energy consumption	Kilowatt hours (kWh)	68,696,302	-2.5%	64,952,407	-5.4%
Traction carbon emissions	Tonnes CO <sub>2</sub> e	187,951	-2.5%	162,052	-13.8%
Waste	Volume (tonnes)	6,291	-3.0%	3,946	-37.3%
	Recycling (%)	29%	+6%	33.7%	+4.3%
	Landfill (tonnes)	25	-25	72	+47
Water	Cubic metres (m <sup>3</sup> )	378,688	-6.5%	440,710	+16.4%

\*2019/2020 baseline data serves as pre-Covid comparison, which more closely matches our current/expected service standards.

■ Green = Target Achieved ■ Red = Target Missed

<b>Site energy</b>	Compared to baseline, GTR have seen a 5.45% reduction in site energy, which is around 3% better than target. This reduction is attributed to the ongoing impact of Covid recovery on passenger numbers, and energy efficiency schemes such as the solar projects at Streatham Hill Depot and Denmark Hill Station. Further carbon reduction initiatives are planned as we develop a plan to achieve Net Zero.
<b>Carbon emissions</b>	Total traction emissions have declined as a result of the various reductions in service, temporary timetables that have been in operation over the year, and general decarbonisation of grid electricity. Further carbon reduction initiatives are planned as we develop a plan to achieve Net Zero.
<b>Waste</b>	Whilst recycling has improved from the baseline figure, it is still slightly below our 35% target. To help us reach our intended targets, GTR will be tendering for a new waste contract which will support our ongoing commitment to recycle 80% of all waste that we are responsible for collecting and disposing of. This contract will also stipulate a zero waste to landfill commitment.
<b>Water</b>	Compared to baseline GTR has seen a considerable increase in water use. This is attributed to an increase in train washing requirements, water leaks and third party consumption. Water data is based on billing and many suppliers are using data based off estimated billing so some variance is expected. This increase in water volume is of significant concern and will be an area of specific focus over the coming months.



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