

GHG Summary Report for 2024/2025

GAS - SCOPE 1

Directorate	Amount used (kWh)	Consumption Weather Corrected (kWh)	CO ₂ (kg)	CO ₂ Weather Corrected (kg)	CH ₄ (kg)	N ₂ O (kg)	CO ₂ e (kg)
Corporate	8,221,311	8,648,263	1,500,636	1,578,567	2,302	740	1,503,678
Housing	8,634,317	9,082,718	1,576,022	1,657,869	2,418	777	1,579,217
Maintained Schools	11,322,528	11,910,534	2,066,701	2,174,030	3,170	1,019	2,070,890
Total	28,178,156	29,641,515	5,143,359	5,410,466	7,890	2,536	5,153,785
Academies/Voluntary Aided/Free School	14,424,202	15,173,285	2,632,850	2,769,580	4,039	1,298	2,638,187
Total (Independent)	14,424,202	15,173,285	2,632,850	2,769,580	4,039	1,298	2,638,187

TRANSPORT - SCOPE 1

Type of Fuel	Amount used (litres)	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	CO ₂ e (kg)
Diesel & Petrol	568,482	1,400,231	343	18,084	1,418,657
Total	568,482	1,400,231	343	18,084	1,418,657

ELECTRICITY - SCOPE 2

Directorate	Amount used (kWh)	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	CO ₂ e (kg)
Corporate	4,846,540	993,201	4,362	5,913	1,003,476
Housing	1,552,151	318,082	1,397	1,894	321,373
Public Lighting	4,576,628	937,888	4,119	5,583	947,591
Maintained Schools	4,352,877	892,035	3,918	5,311	901,263
Total	15,328,196	3,141,207	13,795	18,700	3,173,703
Academies/Voluntary Aided/Free School	7,991,887	1,637,777	7,193	9,750	1,654,720
Total (Independent)	7,991,887	1,637,777	7,193	9,750	1,654,720

TRANSMISSION AND DISTRIBUTION ELECTRICITY - SCOPE 3

Energy User	Amount used (kWh)	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	CO ₂ e (kg)
Corporate	4,846,540	103,565	457	629	104,651
Housing	1,552,151	28,109	124	171	28,404
Public Lighting	4,576,628	82,883	366	503	83,752
Maintained Schools	4,352,877	78,831	348	479	79,658
Total	15,328,196	293,388	1,296	1,782	296,466
Academies/Voluntary Aided/Free School	7,991,887	144,733	639	879	146,252
Total (Independent)	7,991,887	144,733	639	879	146,252

	Total Energy Consumption (kWh)	Consumption Weather Corrected (kWh) - Gas Only	CO ₂ (kg)	CO ₂ Weather Corrected (kg) - Only Gas has been weather corrected	CH ₄ (kg)	N ₂ O (kg)	CO ₂ e (kg)
Total : Gas Scope 1 + Transport Scope 1 + Electricity Scope 2 + Electricity T & D Scope 3	59,403,031	29,641,515	9,978,185	5,410,466	23,324	41,102	10,042,611
<small>Note: Scope 1 & 2 corporate buildings, fleet and maintained schools emissions based on actual consumption total = 9, 746, 145 kg (CO₂e). Scope 3 Transmission and Distribution emissions included for completeness.</small>							