

GHG Summary Report for 2021/2022

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	8,246,614	8,867,111	1,507,646	1,621,085	2,062	825	1,510,450
Housing	9,792,619	10,529,442	1,790,287	1,924,993	2,448	979	1,793,616
Schools	31,297,740	33,652,667	5,721,853	6,152,381	7,824	3,130	5,732,494
Total	49,336,973	53,049,221	9,019,785	9,698,459	12,334	4,934	9,036,560

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	798,807		1,970,011		374	28,826	1,999,211
Total	798,807		1,970,011		374	28,826	1,999,211

ELECTRICITY - SCOPE 2

Directorate	Amount used (kWh)		CO ₂ (kg)		CH ₄ (kg)	N ₂ O (kg)	CO ₂ e (kg)
Corporate	5,849,492		1,229,329		4,680	8,014	1,242,023
Housing	1,607,554		343,627		1,308	2,240	347,175
Public Lighting	5,109,645		1,073,843		4,088	7,000	1,084,931
Schools	12,637,963		2,655,994		10,110	17,314	2,683,419
Total	25,204,654		5,302,793		20,186	34,568	5,357,547

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	5,849,492		126,413		833	1,429	223,703
Housing	1,607,554		30,412		114	196	30,723
Public Lighting	5,109,645		95,039		358	613	96,010
Schools	12,637,963		235,066		885	1,517	237,467
Total	25,204,654		486,931		2,190	3,755	587,904

	Total Energy Consumption (kWh)	Consumption Weather Corrected (kWh) - Gas Only	CO ₂ (kg)	CO ₂ Weather Corrected (kg) - Only Gas has	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	100,545,087	53,049,221	16,779,520	9,698,459	35,084	72,082	16,981,222