

Carbon Baselines 2019/20

Warwick District Council

	Consumption data		Conversion Factor LGA	CO2 emissions (LGA)
Scope1				
Gas	6,800,091.17	kWh	0.184	1,249.16
LPG	171,775.00	Litres	1.16	198.5
Biomass	283,200.80	AMP	0.016	4.43
Medium diesel car, 1.7 - 2.0 litre	8,200.00	Miles	0.275	2.25
Diesel van Class I (up to 1.305 tonnes)	33,579.00	Miles	0.241	8.10
Small Hybrid Car - Petrol	19,019.00	Miles	0.169	3.22
Electric Vehicle (Average Sized Car)	33,009.00	Miles	0	0
Scope 1 Total				1,465.66
Scope 2				
Electricity	5,008,808.00	kWh	0.256	1,282.25
Scope 2 Total				1,282.25
Scope 3 (excluding major contracts)				
Staff Travel - Average Medium Car (unknown fuel)	190,960.00	Miles	0.29	54.43
Water	40,639.16	m ³	0.34	13.82

Stratford District Council

	Consumption data		Conversion Factor LGA	CO2 emissions
Scope1				
Gas	865545.74	kWh	0.184	159.26
LPG	0	Litres		0
Biomass	0	AMP	0.016	0
Medium diesel car, 1.7 - 2.0 litre	0	Miles	0.275	0
Diesel van Class I (up to 1.305 tonnes)	68,619	Miles	0.241	16.5
Small Hybrid Car - Petrol	0	Miles	0.169	0
Electric Vehicle (Average Sized Car)	0	Miles	0.089	0
Scope 1 Total				175.76
Scope 2				
Electricity	1505285	kWh	0.256	385.3
Scope 2 Total				385.3
Scope 3 (excluding major contracts)				
Staff Travel - Average Medium Car (unknown fuel)	176,095	Miles	0.29	51.07
Water	40,600	m ³	0.34	13.8*

Transmission and Distribution losses	5,008,808.00	Kwh	0.022	110.00
Scope 3 Total (excluding major contracts)				178.25
Total excluding contracts				2,926.16
Scope 3 major contracts				
Waste collection Vehicles (diesel)	270465	litres	2.594	701
Waste collection buildings electricity	72276	Kwh	0.256	18.5
Waste collection buildings gas	39769	Kwh	0.184	7.3
Grounds Maintenance vehicles/equip (diesel/petrol)	TBC			86**
Street Cleansing vehicles (diesel)	107724	litres	2.594	279.4
Street Cleansing Electricity	20091	Kwh	0.256	5
Street Cleansing Gas	19705	Kwh	0.184	3.6
Leisure Centres Electricity	1331370	Kwh	0.256	340.8
Leisure Centres Gas	2628438	Kwh	0.184	483
Total Contracts				1,924.60
Total				4,850.76

Transmission and Distribution losses	1505285	Kwh	0.022	33.1
Scope 3 Total (excluding major contracts)				97.97
Total excluding contracts				659.03
Scope 3 major contracts				
Waste collection	See depot			
Grounds Maintenance (diesel/petrol/oil)	91825	Miles	2.594 / 2.209 / 2.758	86
Street Cleansing	See depot			
Depot vehicles (diesel)	629359	litres	2.594	1633
Depot electricity	98268	Kwh	0.256	25
Depot Gas	23945	Kwh	0.184	4.4
Leisure electricity	1396059	Kwh	0.256	356.8
Leisure gas	4273940	Kwh	0.184	785.8
Total contracts				2891
Total				3550.03

* Awaiting data. Assume the same as WDC

** Awaiting data. Assume the same as SDC