

**Quarterly Scope 1 and 2 Emission Data for SCC, October – December 2020 vs 2021
and January – March 2021 vs 2022**

Source	Oct – Dec 2020 tCO2e	Oct - Dec 2021 tCO2e	Change
Gas – Council Buildings	847.12	539.74	↘ 36.3%
Vehicle Fleet (SCC / Tfc)	376.26	336.50	↘ 10.6%
Electricity Generation – Council Buildings	637.72	559.48	↘ 12.3%
Electricity Generation - Streetlighting ¹	584.58	720.40	↗ 23.4%
Total Scope 1 & 2	2,445.68	2,156.12	↘ 11.8%

Source	Jan – Mar 2021 tCO2e	Jan – Mar 2022 tCO2e	Change
Gas – Council Buildings	946.61	615.96	↘ 34.9%
Vehicle Fleet (SCC / Tfc)	388.96	329.67	↘ 15.2%
Electricity Generation – Council Buildings	643.55	443.67	↘ 31.1%
Electricity Generation – Streetlighting ¹	573.03	613.68	↗ 7.1%
Total Scope 1 & 2	2,552.15	2,002.98	↘ 21.5%

¹ Please note the increase in emissions from streetlighting in both quarters is primarily due to a change in reporting methodology to make the data more accurate. As part of the move to half-hourly billing for our streetlighting, this has resulted in billing now including seasonal variations, with more energy used in the winter months when there are less daylight hours and less energy used in the summer months when there are more daylight hours. The previous method used an average number of daylight hours, so seasonal variations were not accounted for. As a result, when comparing quarterly data with the previous year, those which include winter months will appear higher than the previous year. This will not be the case in the future as all quarterly data for 22/23 will be made on a like-for-like basis, as half-hourly billing was introduced from April 2021.