

## ENERGY USAGE AND CARBON EMISSIONS

Churchill Retirement Living is committed to year-on-year improvements in its operational energy efficiency as shown by the data below. This is achieved by ensuring that developments are built to be as energy efficient as possible.

Measures that have been undertaken during the year and are ongoing include continuing to install Solar Photo Voltaic Panels on all new builds and exploring more energy efficient construction material for use on all future developments.

UK Greenhouse gas emissions and energy use data for the period 1 July 2020 to 30 June 2021	2021	2020
Energy consumption used to calculate emissions (kWh)	4,526,955	8,558,871
Energy consumption break down (kWh):		
• Gas & LPG	94,585	2,964,325
• Grid-Supplied Electricity	2,130,606	1,817,390
• Transport	2,301,764	3,777,156
Scope 1 emissions in metric tonnes CO2e		
• Gas & LPG	17	633
• Transport	544	919
Total Scope 1	561	1,552
Scope 2 emissions in metric tonnes CO2e	497	465
Total gross emissions in metric tonnes CO2e	1,058	2,017
Intensity ratio in metric tonnes CO2e per £m	6.6	21.4

Scope 1 and 2 consumption and CO2e emission data has been calculated in line with the 2019 UK Government environmental reporting guidance. The following Emission Factor Databases consistent with the 2019 UK Government environmental reporting guidance have been used, utilising the current published emissions factors relevant for reporting year July 2020 to June 2021: Database 2020, Version 1.0.

Careline Support Limited and Flycorp Aviation LLP, a joint venture that does not meet the SECR thresholds so has been excluded. Various other dormant subsidiaries have been excluded as well, as they do not meet the SECR threshold and do not consume energy.

## CARBON &amp; CONSUMPTION

## YOY CHANGE

## OVERALL

## Gas

94,585 kWh  
17.39 tCO<sub>2</sub>e



**-97.3%**



## Electricity

2,130,606 kWh  
496.73 tCO<sub>2</sub>e



**6.9%**



## Transport &amp; Plant

2,301,764 kWh  
543.62 tCO<sub>2</sub>e



**-40.9%**



6.61 tCO<sub>2</sub>e per £m

Carbon: YOY **-47.5%**

Consumption: YOY **-47.1%**

