

Vale of Aylesbury Housing Trust Ltd
Year ended 31 March 2021

Operating and financial review and Strategic report

Streamlined Energy and Carbon Reporting (SECR)

A summary of the energy and carbon used by the Company during the year is set out below. It has been compiled using the Shift methodology and has been verified by Shift. During the year, Electricity and Transport fuel energy usage for the Company reduced as less travel was required and office remained closed during the year as a result of the pandemic. The gas usage increased for the Company as the number of properties increased and more people stayed at home during the lockdowns in the year. The photovoltaic (PV) array at the Fairfax House office feeds into the general supply and contributes up to 10% of electricity used in the summer and just under 5% in the winter. In October 2019 we were awarded the Shift Silver status for our environmental and climate change work.

Global GHG emissions and energy use data for period 1st April 2020 – 31st March 2021

	UK and offshore	
	Current reporting year 1 st April 2020 – 31 st March 2021	Comparison reporting year 1 st April 2019 – 31 st March 2020
Energy consumption used to calculate emissions: /kWh	Gas: 4,650,023 Electricity: 1,460,868 Transport fuel: 1,053,819 Total: 7,164,710 kWh	Gas: 4,170,538 Electricity: 1,467,384 Transport fuel: 1,377,754 Total: 7,015,676 kWh
Emissions from combustion of gas tCO ₂ e (Scope 1)	855.00 tonnes CO₂e 4.80 tonnes CO ₂ e office usage 11.96 tonnes CO ₂ e communal areas 838.23 tonnes CO ₂ e communal heating systems	766.75 tonnes CO₂e
Emissions from combustion of fuel for transport purposes (Scope 1)	267.69 tonnes CO₂e	299.92 tonnes CO₂e
Emissions from purchased electricity (Scope 2, location-based)	340.59 tonnes CO₂e 48.69 tonnes CO ₂ e office usage 291.56 tonnes CO ₂ e communal areas 0.34 tonnes CO ₂ e company pool cars <i>See below for transmission and distribution losses</i>	378.20 tonnes CO₂e <i>See below for transmission and distribution losses</i>
Total gross CO ₂ e based on above	1,463.28 tonnes CO₂e <i>Excludes scope 3 emissions</i>	1,444.87 tonnes CO₂e <i>Excludes scope 3 emissions</i>
Intensity ratio: tCO ₂ e gross figure based from mandatory fields above/ e.g. £100,000 revenue	193.50 kgs per home managed Office Intensity: 25.0 kgs per m ² (includes T&D losses)	198.14 kgs per home managed Office Intensity: 29.4 kgs per m ² (includes T&D losses)
Methodology	SHIFT methodology SECR Reporting SHIFT Environment Using Defra (2020) Conversion Factors in line with Environmental Reporting Guidelines (2019) as the majority of the financial year falls into the calendar year 2020. Comparison data from the previous year's SECR is using Defra 2019 Conversion Factors.	

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Emissions from generation of electricity that is consumed in a transmission and distribution system for which the company does not own or control (Scope 3) / tCO ₂ e	30.72 tonnes CO₂e <i>Transmission and distribution (T&D) losses associated with UK electricity</i>	32.11 tonnes CO₂e <i>Transmission and distribution (T&D) losses associated with UK electricity</i>
Emissions from employee business travel for which the company does not own or control (Scope 3) / tCO ₂ e	22.99 tonnes CO₂e	34.02 tonnes CO₂e
Emissions from leased assets, franchises, and outsourced activities (Scope 3) / tCO ₂ e	The regulated emissions from the homes we manage far outweigh our operational emissions and are therefore reported here on a voluntary basis. Our SHIFT methodology estimated emissions at 22,928 tonnes in total, or 3.03 tonnes per home managed ¹	The regulated emissions from the homes we manage far outweigh our operational emissions and are therefore reported here on a voluntary basis. Our SHIFT methodology estimated emissions at 21,535 tonnes in total, or 2.95 tonnes per home managed.
Total gross Scope 3 emissions / tCO ₂ e	22,981.41 tonnes CO₂e	21,601.13 tonnes CO₂e
Total gross Scope 1, Scope 2 [location / market] & Scope 3 emissions / tCO ₂ e	24,444.69 tonnes CO₂e	23,046.00 tonnes CO₂e
Additional intensity ratio: tCO ₂ e net figure / e.g. £100,000 revenue	3.23 tonnes per home managed for total Scope 1, 2 and 3 emissions recorded.	3.16 tonnes per home managed for total Scope 1, 2 and 3 emissions recorded.

Key

tCO₂e – tonnes CO₂ equivalent.

Scope 1 refers to direct business greenhouse gas emissions, from equipment the Trust owns

Scope 2 covers indirect emissions from elements like electricity, which a firm needs, but which comes from sources the Company does not control, such as power stations

Scope 3 covers emissions that are a consequence of the Company's actions, which occur at sources which we don't control, such as the Company's housing stock.