

REED BOARDALL COLD STORAGE LIMITED

DIRECTORS' REPORT (CONTINUED) FOR THE YEAR ENDED 31 MARCH 2021

Streamlined Energy and Carbon Report 2021

Summary

Reed Boardall Cold Storage Ltd's greenhouse gas emissions, reportable under SECR in 2020/21 were 44,738 tonnes CO₂e (2020: 45,069 tonnes CO₂e).

These include the emissions associated with UK electricity and natural gas consumption, and business travel in company and private vehicles by employees. Also included are details of the HGV fleet operated by Reed Boardall Transport Limited.

Greenhouse gas emissions by year (tonnes CO₂e)

	2021	Share %	2020	Share %
Emissions source				
Fuel combustion: stationary	536	1	283	1
Fuel combustion: mobile	37,969	85	37,473	83
Purchased electricity	6,234	14	7,313	16
	44,738	100	45,069	100
Total emissions (tCO ₂ e)				
Revenue £m	67,500,000		68,400,000	
Intensity (tCO ₂ e per £m)	663		658	

Greenhouse gas emissions by scope (tonnes CO₂e)

	2021	Share %	2020	Share %
Scope				
1: Natural gas and company operated transport	37,968	85	37,752	84
2: Electricity	6,234	14	6,741	15
3: Grey fleet and electricity network distribution losses	537	1	576	1
	44,738	100	45,069	100
Total				

REED BOARDALL COLD STORAGE LIMITED

DIRECTORS' REPORT (CONTINUED) FOR THE YEAR ENDED 31 MARCH 2021

Energy consumption by year (kWh)

	2021	Share %	2020	Share %
Emissions source				
Natural gas for heating	337,370	0	54,577	0
Electricity	26,739,784	14	26,371,890	15
Transport fuel	162,730,621	86	151,295,897	85
Gas oil for backup generation	397,003	0	392,091	0
Total	190,204,778	100	178,114,455	100

Boundary, methodology and exclusions

Operational control has been selected as the main criterion for inclusion of energy use and associated emissions data within this report, i.e., it includes all such emissions of operations where Reed Boardall Cold Storage Limited has operational control over and has the full authority to introduce and implement its operating policies at these facilities.

Only emissions from UK business activities are included. This boundary is relevant to the requirements of SECR.

Emissions have been calculated using the 2020/21 conversion factors provided by the UK Government. There are no omissions from the mandatory reporting scope. The SECR reporting period is April 2020 to March 2021, as per the financial accounts.

Energy efficiency initiatives

During the SECR reporting period the Company implemented some carbon offset projects to help reduce their carbon foot print. The following projects highlight the Groups' efforts to reduce carbon emissions;

- Reed Boardall are investing in 70 LNG Volvo 460FH articulated vehicles and also a purpose built Liqal LNG Gasrec refuelling station. Using Bio-LNG from waste-only sources, Reed Boardall are able to benefit from CO2 savings of up to 95%, as well as a 99 per cent reduction in particulate matter and 90 per cent in NO2 emissions compared to equivalent Euro VI diesel trucks. HGVs running on gas are also around 50 per cent quieter than their diesel equivalents. These vehicles are estimated to deliver 15,400,000 kms in total annually (9,625,000 miles). That equates to 1,046,196 gallons of less diesel consumed per annum which means a saving in carbon emissions of circa 11,000 tonnes. 30 trucks have been received in the period up to March 2021, therefore most of the carbon reduction benefits will be seen in the next SECR reporting period. The gas refuelling station was completed before March 21.
- In March 2021, the group made a commitment in signing a contract to install a gas extraction plant on site. Work is expected to start on this project after the year end.

No "green" electricity tariffs or other market-based instruments were used in 2020/21 in the form of certified or uncertified carbon offsets. These may be considered in the future. However, the focus is on delivering true emission reduction.