

Carbon emissions report 2010 to 2011

Hull City Council has adopted the city's carbon reduction targets in the environment and climate change strategy 2010 - 2020. The council is aiming to reduce its carbon emissions by 34 - 45 per cent by 2020 from a 2005 baseline. The data in this report though has a baseline of 2007/8 because this is the date we have accurate information across our buildings and transport. Previous to this date information is only available for our buildings.

The data in the tables covers the councils emissions from 95 per cent of our buildings, including schools and streetlighting and 100 per cent of our fleet vehicles and 100 per cent of our staff mileage in their own cars while undertaking council business.

The 5 per cent that is not covered in this reporting framework for buildings will be captured in a separate publication on this site later in 2011.

Climate change poses a significant risk to the council and its administrative boundary. The council has recognised these risks and they are an increasing part of the councils risk assessment process. The council has entered into several working relationships with lead companies in carbon reduction technologies and solutions. We are in the process of identifying the best investment opportunities to reduce the councils carbon emissions and energy costs.

We are investing significantly in reducing carbon emissions though the installation of solar photovoltaic panels on housing and exploring their installation on council buildings.

GHG emissions data for period 1 April 2010 to 31 March 2011

	Global tonnes of CO2e		
	2010 - 2011	2009 - 2010	2007 - 2008 (base year)
Scope 1	25,063	24,965	24,599
Scope 2	30,392	29,645	29,699
Scope 3	698	693	683
Total gross emissions	56,153	55,303	54,981
Carbon offsets	0	0	0
Green tariff	0	0	0
Total annual net emissions	56,153	55,303	54,981

Company information

Hull City Council is a Unitary Local Authority responsible for the geographical area of the city of Hull. The authority is based at The Guildhall, Alfred Gelder Street, Kingston upon Hull HU1 2AA. Questions about this data can be emailed to climate.change@hullcc.gov.uk

Reporting period

This report covers the period 1 April 2010 to 31 March 2011.

Change in emissions

The emissions have increased this year as a result of the exceptionally cold winter which increased space heating costs and our overall emissions by 1 per cent. If the emissions are corrected for weather then a reduction of 2 per cent was achieved in 2010 - 2011. Additional buildings coming into the council stock accounted for an increase of 37 tonnes and 0.6 per cent of our total emissions.

Approach

We have followed the governments guidance on how to measure and report greenhouse gas emissions.

Organisational boundary

The emissions are those generated as a direct result of the activities of Hull City Council in the delivery of its local authority function including emissions from schools which account for 40 per cent of our total emissions.

Operational scopes

We have measured our scope 1, 2 and significant element of scope 3.

		GHG emissions 2010 - 2011 in tonnes of CO₂e	State specific exclusions of per cent that this represents for relevant scope (excluding geographic exclusions)
Scope 1	Gas consumption	22,556	
	Owned transport	2,507	
	Process emissions	0	

	Fugitive emissions	0	Excluded, due to cost of data collection. These are expected to be <0.1% of total Scope 1 emissions
	Total scope 1	25,063	
Scope 2	Purchased electricity	30,392	
	Total scope 2	30,392	
Significant scope 3	Business travel	698	
	Employee commuting	0	Not recorded
	Waste disposal	0	Not recorded
	Total significant scope 3	698	

Base year

We have established a baseline year of 2007/8 for reporting under this framework. While the Council has accurate data for emissions from its buildings back to 2000 this level of data is not available for our fleet and grey fleet and therefore would not provide an accurate baseline year across all Scope's using this framework.

Targets

Our emissions reduction target is to reduce our carbon emissions by 34 - 45 per cent by 2020 from a 2005 baseline across the Scope elements recorded above. We are producing further information which we will publish during 2011 to show our emissions from 2005 for buildings.

Intensity measurement

We have used the Department of Climate Change approved methodology for establishing the carbon intensity of the different fuel types used by the Council. We have expressed this in tonnes of carbon.

External assurance statement

We have not undertaken an external assessment of our carbon emission declaration.

Carbon offsets

The council has not purchased any carbon credits for its emissions during the period of the report.

Green tariffs

The council has not purchased any of its energy from green tariffs during the period of the report