

REPORT OF: STRATEGIC DIRECTOR

TO: EXECUTIVE

DATES: 23 JULY 2015

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PENDLE COUNCIL'S ANNUAL EMISSIONS REPORT

PURPOSE OF REPORT

To inform the Executive of our Annual Emissions Report prior to publication on our website.

RECOMMENDATIONS

That the Annual Emissions Report is approved and published on the Council website

REASONS FOR RECOMMENDATION

To enable publication of our Annual Emissions Report, as required by government.

ISSUE

We are required by the Department of Energy and Climate Change (DECC) and the Department for Environment, Food and Rural Affairs (DEFRA) to publish an annual emissions report every July. The report details emissions from our operations in accordance with the "Guidance on how to measure and report your greenhouse gas emissions" (DEFRA 2009), using the latest published emission factors and calculation spreadsheet.

As required by government, our emissions data is captured within one of 3 categories (defined as Scope 1, Scope 2 or Scope 3). The data for each category varies greatly hence the importance of defining the Scopes within the report:

Scope 1 – Fuels used in boilers, furnaces or turbines.

In the Council's case, this is natural gas used in Council owned and managed properties (where the Council is responsible for the boiler) and Council controlled transport (mainly waste and cleansing services, ground maintenance vehicles and light commercial vans). This doesn't include council owned Pendle Leisure Trust sites.

Scope 2 -Consumption of purchased electricity.

For the Council this is electricity consumed within Council owned and managed buildings. This doesn't include council owned Pendle Leisure Trust sites

Scope 3 –This includes business travel for staff where they are using their own vehicles and outsourced activities. It includes Pendle Leisure Trust and some Liberata controlled buildings and staff travel.

Both Scope 1 & 2 relate to direct PBC emissions generated from our building stock and transport. The building stock includes all council buildings, including Liberata managed sites such as markets and council shops. It does not include PLT sites.

This year, we have seen minimal changes to our emissions in Scope 1 with our gas consumption remaining the same and only a slight reduction in our fleet generated emissions (1.5%). However, our electricity consumption continues to decline with a significant decrease of 28%. Electricity reduction was more significant with reductions of 18% and 17% achieved in Nelson Town Hall and Elliott House respectively. It should be noted too that the rationalisation of our building stock in 204/15 included many non-gas premises such as public conveniences.

The 2014/15 data shows a total annual emissions reduction of 7% (this includes PBC, PLT, Liberata building and staff transport data).

	GHG emissions 2013/14 in tonnes of CO2e	GHG emissions 2014/15 in tonnes of CO2e	% Difference
Scope 1			
Gas consumption	281	282	0
Owned transport	652	642	-1.5
Process emissions	Not calculated	Not calculated	Not calculated
Fugitive emissions	Not calculated	Not calculated	Not calculated
Total scope 1	933	924	-1
Scope 2			
Purchased electricity	382	274	-28
Total scope 2	382	274	-28
Significant Scope 3			
Business travel	50	48	-4
Employee commuting	Not calculated	Not calculated	Not calculated
Waste Disposal	Not calculated	Not calculated	Not calculated
Product in use	Not calculated	Not calculated	Not calculated
Outsourced services	1336	1263	-5
Total significant scope 3	1385	1311	-5
TOTAL GROSS EMISSIONS	2700	2510	-7

Summary

As required by government, we have compiled our Annual Emissions Report for 2014/15 (see Appendix 1). Our annual performance is encouraging, showing overall year on year reductions. However, this needs to be considered within the wider context of an ever declining workforce and continued rationalisation of our building stock and transport fleet.

Further to Executive approval, the 2014/15 report will be published on our website.

IMPLICATIONS

Policy: Approving the Annual Emissions Report will help deliver against national, regional and local carbon reduction targets.

Financial: None arising directly from this report.

Legal: None arising directly from this report.

Risk Management: None arising directly from this report.

Health and Safety: None arising directly from this report.

Sustainability: This Annual Emissions Report is fundamental to ensure we continue to effectively monitor and reduce our carbon footprint.

Community Safety: None arising directly from this report

Equality and Diversity: None arising directly from this report

Appendix

Annual Emissions Report 2014/15

APPENDIX 1

Annual Emissions Report July 2015

Officers Report

GHG Emissions Data

It is a requirement by the Department of Energy and Climate Change (DECC) and the Department for Environment, Food and Rural Affairs (DEFRA) that local authorities publish an annual report in July. This should detail GHG emissions from the Council's operations in accordance with the DEFRA "Environmental Reporting Guidelines" (June 2013), using the latest published emission factors and calculation spreadsheet.

GHG emissions data for period 1st April 2011 to 31st March 2015							
Global tonnes of CO ₂ e							
	2014/15	% change compared to previous year	2013/14	% change compared to previous year	2012/13	% change compared to previous year	2011/12
Scope 1	924	-1	933	-9	1,020	-2	1,044
Scope 2	274	-28	382	-9	418	-6	447
Scope 3	1311	-5	1385	-7	1,497	4	1445
Total gross emissions	2510	-7	2700	-8	2,935	0	2,936

Supporting Explanations

1. Company Information

The information contained in this report relates to Pendle Borough Council based at:
Town Hall, Market Square, Nelson, Lancashire, BB9 7LG.

2. New Reporting periods

1st April 2014 – 31st March 2015

3. Changes in emissions

The following comments need to be taken into consideration when analysing the data:

- Our building stock was further rationalised over the reporting period
- Staffing levels have been declining since 2011/12

4. Approach

We have followed the Government's Guidance on how to measure and report greenhouse gas emissions.

5. Organisational Boundary

We have used the financial control approach.

6. Operational Scopes

We have used the scopes set out in the guidance as follows:-

Scope 1 – Fuels used in boilers, furnaces or turbines.

In the Council's case, this is natural gas used in Council owned properties (where the Council is responsible for the boiler) and controlled transport (mainly waste and cleansing services, ground maintenance vehicles and light commercial vans). This doesn't include council owned Pendle Leisure Trust sites.

Scope 2 - Consumption of purchased electricity.

For the Council this is electricity consumed within Council owned buildings. This doesn't include council owned Pendle Leisure Trust sites.

Scope 3 – This includes business travel for staff where they are using their own vehicles and outsourced activities. It includes Pendle Leisure Trust and some Liberata controlled buildings and staff travel.

Scopes 1 and 2 relate to operations over which the reporting entity, Pendle Council, has Financial Control as defined and recommended within the (DEFRA 2012) guidance.

	GHG emissions 2013/14 in tonnes of CO2e	GHG emissions 2014/15 in tonnes of CO2e
Scope 1		
Gas consumption	281	282
Owned transport	652	642
Process emissions	Not calculated	Not calculated
Fugitive emissions	Not calculated	Not calculated
Total scope 1	933	924
Scope 2		
Purchased electricity	382	274
Total scope 2	382	274
Significant Scope 3		
Business travel	50	48
Employee commuting	Not calculated	Not calculated
Waste Disposal	Not calculated	Not calculated
Product in use	Not calculated	Not calculated
Outsourced services	1336	1263
Total significant scope 3	1385	1311

7. Reporting period

The report captures year on year progress, commencing 1st April 2011/12.

8. Targets

We have recently revised our Climate Change Action Plan and have set modest annual CO2 reduction targets of 2% for our building stock and 5% for our transport fleet. We have improved our internal systems and procedures to enable us to monitor our energy consumption quarterly and identify seasonal trends.

9. Carbon offsets

None

10. Green Tariffs

None

11. Assumptions and Exclusions

We have not included greenhouse gas emissions from the following:

- suppliers, contractors or consultants
- the use of water
- waste disposal
- air conditioning and refrigeration systems
- staff commuting
- business travel using the bus, train, taxi or plane
- CCTV

12. Contact for further information

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