

NORTH LANARKSHIRE COUNCIL
REPORT

To: POLICY & RESOURCES (PROPERTY) SUBCOMMITTEE	Subject: ENERGY CONSUMPTION & CARBON COMMITMENT	
From: HEAD OF PROPERTY SERVICES	MONITORING REPORT	
Date: 5 May 2011		
	Ref: IN/FF	

1. INTRODUCTION

- 1.1 This report provides consumption data for electricity and gas and carbon data on relation to the Council's corporate property portfolio.

2. BACKGROUND

- 2.1 The fundamental principle of any saving proposals is to be able measure the impact from a baseline. To support this, the Council utilises the STC system already used to collate the group utility bills. These are received on a monthly basis via the internet from our current suppliers; Scottish and Southern Energy (electricity for larger and residential sites), Scottish Power (electricity for other sites) and Total (gas for all sites). The group utility bills contain information regarding kilowatt consumption for the period, cost, basis of reading and contains the Council's Unique Property Number. The data is loaded into the STC system on a monthly basis and thereafter provides a range of information, including targets at Council, service and meter level that allows the Council to monitor consumption and manage any reduction. It is accessible across all Services with a wide range of reports available both directly from the system and in printed form from Property Services.
- 2.2 It should be appreciated that not all energy costs are held within the STC system. The Council consumes energy in the form of electricity, gas, oil and solid fuel, however by far the dominant costs relate to gas and electricity (94% 08/09). There also remain a few sites that, for mainly historical reasons, are not on the STC system. A considerable effort has been made to ensure the STC system collates as much of the energy information as possible and, as extraneous bills are identified, they are integrated into the STC system. This does however, result in an apparent increase in consumption.
- 2.3 The system currently monitors in excess of 90% of energy consumption of the Council and this is considered sufficient to support the energy efficiency agenda.
- 2.4 Carbon Reduction Commitment (CRC) requires that the Council's carbon resulting from the use of Council property. This is included for information.

3. DESCRIPTION

- 3.1 The current figures for energy and carbon are measured against the Carbon commitment baseline of 2008/09.
- 3.2 The figures, shown in Table 1, relate to the period April to January 2011 as measured on the Council's SPT Energy Management system as at 28 April 2011. The figures for electricity and gas relate to kilowatt hours and the carbon to tonnes.

Service	Energy			Carbon
	Electricity	Gas	Total	Total
Total	-4.1%	+5.4%	+2.1%	+0.2%
Learning & Leisure	-9.0%	+5.7%	-1.5%	-1.2%
Housing & Social Work	+2.7%	+6.0%	+4.0%	+3.5%
Corporate (inc Office Accom)	+5.0%	-1.4%	+1.6%	+2.8%
Environmental	+6.0%	+24.7%	+13.4%	+10.2%

Table 1. Consumption Variations (Percentages), Energy & Carbon.

- 3.3 It should be noted that invoices are received on a range of frequencies i.e. monthly, quarterly, etc and this should be taken into account when considering the data. The new contract that commenced in April 2010 has also impacted on the timeliness of the data received.
- 3.4 It should be noted that, while the percentages are given for ease of comparison, they can lead to an unrealistic perception of the impact if measured against the actual consumption figures. Learning & Leisure are by far the largest consumer with 75% of energy consumption translating to 128,000,000 kwh of the Council's 170,000,000 kwh in 2008/09.

4. RECOMMENDATIONS

- 4.1 It is recommended that the meeting notes the contents of the report.



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Head of Property Services

Members seeking further information on the contents of this report are asked to contact Ian Nisbet, Head of Property Services, on 01236 616305