

# Warwickshire County Council

## Building Energy Consumption Review

**April 2013 to March 2014**

Report prepared by Resources Group: Physical Assets / Construction Services / Energy Team

<http://www.warwickshire.gov.uk/energyperformance>

<http://www.warwickshire.gov.uk/energyandwater>

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This publication reports on energy consumption for buildings in the Warwickshire County Council (WCC) property portfolio (for property specific details - see Appendix).

The data was gathered for reporting on the Carbon Reduction Commitment Energy Efficiency Scheme (CRC-EES) and forms part of the required evidence pack.

Similar reports for 2010/11, 2011/12 and 2012/13 can be found on the internet on the WCC Energy Performance web page

<http://www.warwickshire.gov.uk/energyperformance>

Or from the following links.

2010/11 Building Energy Consumption Review

<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-14>

2011/12 Building Energy Consumption Review

<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-15>

2012/13 Building Energy Consumption Review

<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-42>

These documents contain further information about energy management at WCC.

## Summary

This report gives information about energy consumption (electricity and gas) at WCC properties for the financial year 2013/14 and compares it to data from 2012/13, 2011/12 and 2010/11.

The 13/14 energy data was collected for reporting on the Carbon Reduction Commitment Energy Efficiency Scheme (CRC) and forms part of the required CRC Evidence Pack.

2014 is the fourth year WCC has undertaken CRC reporting. With electronic invoice data, annual supplier statements, direct meter readings and voluntary automatic meter reading (AMR) installed the data continues to improve. Even so, the data quality and accuracy can still be improved upon year on year. Common potential sources of data inaccuracy include:

- Meter read errors or meter faults.
- Paying invoices based on estimated readings.
- Uncorrected billing errors.
- Submitting customer reads in the wrong unit of measure (e.g. confusing m<sup>3</sup> with kWh).

The data in this report provides a basis for further more detailed investigations wherever it provokes questions about unexpected patterns of energy consumption. Both higher than average and lower than average energy consumption need to be investigated to:

- Find out why this is the case.
- Better understand energy consumption and cost in WCC properties.
- Gather more accurate data where necessary.
- Detect avoidable energy wastage that otherwise may remain hidden.
- Learn from best practice in order to know what to do to reduce costs where energy performance can be improved,
- Identify areas for investment,
- Quantify potential savings from energy saving projects,
- Improve budget forecasting, and
- Develop Warwickshire specific benchmarks and targets.

## Total Energy Consumption Reported for the Carbon Reduction Commitment (CRC) 2013/14

The CRC Energy Efficiency Scheme (CRC) is a mandatory UK-wide scheme that was brought into law via the CRC Energy Efficiency Scheme Order 2010 (SI 2010/768) (the "CRC Order"). The CRC was brought in with the aim of improving energy efficiency, reducing energy bills and cutting carbon emissions. WCC submitted its fourth annual report by the deadline of July 31<sup>st</sup> 2014.

**Electricity** consumption data was collated for 466 separate MPANs at properties with a gross internal floor area of 904,584 m<sup>2</sup>.

2013/2014 electricity data	School Property	Non-School Property	Total
Number of separate MPANs data gathered for	307	159	466
Number of separate MPANs on WCC / ESPO supplier contract	297	150	447
Number of separate MPANs on other supplier contracts	10	9	19
Included in the CRC Report	304	152	454
Number with smart meter data	162	47	209
Total electricity consumption kWh	33,703,797 kWh	8,426,857 kWh	42,130,654 kWh
Actual electricity consumption kWh	32,138,919 kWh	7,448,913 kWh	39,587,832 kWh
Estimated electricity consumption kWh	1,564,878 kWh	977,944 kWh	2,542,822 kWh
Number of properties with actual reads	272	111	383
Number of properties with estimated reads	32	39	71
Total carbon dioxide emissions using factor 0.541kg/CO <sub>2</sub> per kWh (including uplift for estimates)	18,318 tonnes	4,612 tonnes	22,930 tonnes

**Table 1 Electricity consumption data**

**Gas** consumption data was collated for **399** separate MPRNs at properties with a gross internal floor area of **759,663** m<sup>2</sup>.

2013/2014 gas data	School Property	Non-School Property	Total
Number of separate MPRNs data gathered for	296	103	399
Number of separate MPRNs on WCC / ESPO supplier contract	276	100	376
Number of separate MPRNs on other supplier contracts	20	3	23
Included in the CRC Report	231	56	287
Total gas consumption kWh	77,265,868 kWh	13,751,329 kWh	91,017,197 kWh
Actual gas consumption kWh	72,625,084 kWh	11,733,188 kWh	84,358,272 kWh
Estimated gas consumption kWh	4,640,783 kWh	2,018,142 kWh	6,658,925 kWh
Number of properties with actual reads	225	50	275
Number of properties with estimated reads	42	22	64
Total carbon dioxide emissions using factor 0.1836 kg/CO <sub>2</sub> per kWh (including uplift for estimates)	14,271 tonnes	2,562 tonnes	16,833 tonnes

**Table 2 Gas consumption data**

- For a gas or electricity bill to be treated as 'actual' at least two meter readings for at least a six-month period are required during any compliance year.
- Where there are gaps in actual data a valid CRC estimation method must be used.
- Where there is greater than six months of the year where no actual data is available, 10% uplift in the amount of emissions is added on automatically to the total emissions in the Annual Report Summary.

## CRC Carbon Dioxide Emissions Data 2013/14

2013/2014 CRC carbon dioxide emissions	School Property	Non-School Property	Total
Total tonnes carbon dioxide (including uplift for estimates)	32,590 tonnes	7,174 tonnes	39,763 tonnes
Credit for renewables	32,590 tonnes	21 tonnes Therefore total = 7,153 tonnes	39,741 tonnes
Outstanding allowances needed for last year	32,590 tonnes	872 tonnes Therefore total = 8,025 tonnes	40,613 tonnes
Total cost of allowances at £12/tonne CO <sub>2</sub>	£391,075.59	£96,281	£487,356

**Table 3 Carbon dioxide emissions and allowances**

- WCC were credited with 21 tonnes of carbon dioxide from the generation of electricity from renewable energy sources giving a total of  $39,763 - 21 = 39,741$  tonnes of carbon dioxide.
- WCC had 872 allowances outstanding from last year's commitment.
- Total allowances needed therefore =  $39,741 + 872 = 40,613$  allowances needed @ £12/tonne CO<sub>2</sub> = £487,356.
- 80% of reported emissions were from educational properties, 20% were from corporate properties.

### Year on Year CRC Carbon Dioxide Emissions Data

Year	Fuel kWh	No of properties	Gross internal floor area (m2)	Emissions (t CO <sub>2</sub> )
Total 2013/14				<b>39,741</b>
2013/14	Gas	287	759,663	16,832
2013/14	Electricity	454	904,584	22,930
Total 2012/13				43,033
Additional corporate emissions identified and CRC report corrected in 13/14 to				43,902
2012/13	Gas	307	794,049	19,668
2012/13	Electricity	412	842,899	23,362
Total 2011/12				37,978
2011/12	Gas	289	716,196	15,819
2011/12	Electricity	378	763,179	22,159
Total 2010/11				55,541
2010/11	Gas	351	779,648	20,063
2010/11	Electricity	420	827,632	35,479

**Table 4 Year on year carbon dioxide emissions data**

## CRC Emission Factors

Emission Factors	Emission Factor
Electricity (note estimated supply has a 10% uplift)	0.541 kg/CO <sub>2</sub>
Gas	0.1836 kg/CO <sub>2</sub>

Table 5 CRC emission factors

## CRC Reporting Metric

The CRC metric is tonnes of carbon dioxide per £million pounds of gross revenue expenditure.

The 13/14 reported annual emissions were 39,741 tonnes CO<sub>2</sub>, WCC's gross revenue expenditure for was £771,934,762.

Rolling average CO <sub>2</sub> emissions per £1million gross revenue expenditure	2010/11	2011/12	2012/13	2013/14
	63.01	44.96	57.47	= 39,741 / 771.9 = 51.48
% change since 2010		-29%	-9%	- 18%

Table 6 Emissions per £million gross revenue expenditure

## Degree Day Data for CRC Reporting Periods

The table below shows that 12/13 was the coldest year for CRC reporting to date. This means that more energy would have had to be consumed for heating properties.

Factor	2010/11 (CRC Qualification year)	2011/12 (CRC year 1)	2012/13 (CRC year 2)	2013/14 (CRC year 3)
Degree days <sup>1</sup> April - March	2,432	2,048	2,784	2,251

Table 7 Degree Days in each CRC reporting year – Midland region

- Small fluctuations in weather can create large changes in demand. During colder months, EDF energy estimates that every one degree change in temperature typically means a 5% change in gas demand<sup>2</sup>.

<sup>1</sup> <http://www.vesma.com/cgi-local/demsdata.sh?id=bre4dems&month=Mar&year=14&region=06EEO>

<sup>2</sup> Mr David Parker, Head of Meteorology, EDF Energy.



## ***CRC Annual Reporting Publication (ARP) 13/14 (published 20<sup>th</sup> November 2014)***

The CRC Annual Reporting Publication (ARP) is published by the Environment Agency. In 13/14 over two thousand organisations reported on around 53 million tonnes of carbon dioxide emissions with an allowance value of nearly £571 million.

<b>Year</b>	<b>Number of participants</b>	<b>Total CO<sub>2</sub> emissions (tCO<sub>2</sub>)</b>	<b>Value of allowances surrendered (£)</b>
2010/11	2078	60,633,502	N/A
2011/12	2087	56,245,588	665,685,228
2012/13	2071	56,148,137	670,174,920
2013/14	2039	53,277,960	570,881,268

**Table 8 Total number of CRC participants, emissions and allowances 2010 - 2014**

In a list of the 43 County / County Borough Councils WCC came 21<sup>st</sup>

<b>2013/14 CRC Emissions (tCO<sub>2</sub>)</b>	<b>Organisation Name (A-Z)</b>	
103,170	Essex County Council	1
94,753	Kent County Council	2
94,576	Lancashire County Council	3
88,934	Hampshire County Council	4
88,626	Hertfordshire County Council	5
69,342	Surrey County Council	6
68,471	Nottinghamshire County Council	7
65,491	Staffordshire County Council	8
61,017	Durham County Council	9
56,645	Derbyshire County Council	10
51,966	Lincolnshire County Council	11
51,878	Norfolk County Council	12
51,339	West Sussex County Council	13
47,534	Leicestershire County Council	14
46,517	Northamptonshire County Council	15
41,431	Suffolk County Council	16
40,490	Cambridgeshire County Council	17
40,452	North Yorkshire County Council	18
40,185	Oxfordshire County Council	19
40,021	Cumbria County Council	20
39,741	Warwickshire County Council	21
38,670	Gloucestershire County Council	22
37,043	Devon County Council	23

**Table 9 Emissions from county councils**

In a list of 168 councils with emissions ranging from 114,086 tonnes down to 586 tonnes, WCC came 40th.

	<b>2013/14 CRC Emissions (tCO<sub>2</sub>)</b>	<b>Organisation Name (A-Z)</b>
1	114,086	Birmingham City Council
2	103,170	Essex County Council
25	47,534	Leicestershire County Council
26	46,517	Northamptonshire County Council
29	43,283	Leicester City Council
40	39,741	Warwickshire County Council
46	36,085	Coventry City Council
56	33,274	Worcestershire County Council
86	24,714	Solihull Metropolitan Borough Council
168	586	Mid Sussex District Council

**Table 10 Emissions from all councils.**

In September 2014, DCLG issued a Technical Consultation on the 2015-16 Local Government Finance settlement. It was proposed that local authorities who previously qualified for participation in the CRC Phase 1, but who no longer qualified for Phase 2 due to the withdrawal of schools from the scheme (or who have reduced the amount of qualifying electricity consumption through changes in metering strategy or improved energy efficiency), would receive a reduction in funding to compensate for the loss of tax revenue to the Exchequer, even though DECC has consistently stated that the CRC revenues do not constitute a tax.

WCC will not qualify for Phase 2 CRC and could therefore face a reduction in its finance settlement of £167,872.

## CRC Electricity Overview (All Properties)

### *Electricity Consumption per Unit of Floor Area (kWh/m<sup>2</sup>)*

Electricity kWh / m <sup>2</sup>	2010/11	2011/12	2012/13	2013/14
Most frequently occurring electricity consumption range kWh/m <sup>2</sup>	30 – 60	25 – 55	35 – 55	30 - 50
Electricity consumption per square metre of floor area range kWh/m <sup>2</sup>	3 – 1,276	0.72 – 352	1 – 662	3 - 439
Average kWh/m <sup>2</sup>				67 (352 properties)

Table 11 2010/11/12/13/14 kWh/m<sup>2</sup>

### *Electricity Cost per Unit of Floor Area (£/m<sup>2</sup>)*

Electricity £ / m <sup>2</sup>	2010/11	2011/12	2012/13	2013/14
Most frequently occurring electricity cost range £/m <sup>2</sup>	2 – 5	2.50 – 5.50	3.25 – 5.23	2.80 – 5.80
Electricity cost per square metre of floor area range £/m <sup>2</sup>	1 – 104	0.55 – 31.71	0.10 – 62.89	0.09 – 458
Average £/m <sup>2</sup>				6.56 (348 properties)

Table 12 2010/11/12/13/14 £/m<sup>2</sup>

### *Electricity Consumption per Pupil (kWh/Pupil)*

Electricity kWh / pupil	2010/11	2011/12	2012/13	2013/14
Most frequently occurring electricity consumption per pupil range kWh/pupil	No data available	200 – 400	250 – 450	250 – 500
13/14 Most frequently occurring gas consumption per pupil range kWh/pupil			Infant 200 – 400 Primary 200 – 570 Secondary 111 – 680	
Electricity consumption per pupil range kWh/pupil	No data available	22 – 2,592	111 – 943	20 – 2,777
13/14 Gas consumption per pupil range kWh/pupil			Infant 104 – 978 Primary 71 – 953 Secondary 111 – 2,777	
Average kWh/pupil				408 (257 properties)

Table 13 2010/11/12/13/14 kWh/pupil

### ***Electricity Cost per Pupil (£/Pupil)***

<b>Electricity £ / pupil</b>	<b>2010/11</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>
<b>Most frequently occurring electricity cost per pupil range £/pupil</b>	No data available	20 – 40	23.75 - 42.75	22.48 - 48.90
<b>Electricity cost per pupil range £/pupil</b>	No data available	1.96/ - 233.25	10.55 - £89.59	1.87 - 264
<b>Average £/pupil</b>				38.75 (257 properties)

**Table 14 2010/11/12/13/14 £/pupil**

### **CRC Gas Overview (All properties)**

#### ***Gas Consumption per Unit of Floor Area (kWh/m<sup>2</sup>)***

<b>Gas kWh / m<sup>2</sup></b>	<b>2010/11</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>
<b>Most frequently occurring gas consumption range kWh/m<sup>2</sup></b>	110 – 160	75 – 125	88 – 169	80 - 140
<b>Gas consumption per square metre of floor area range</b>	9 – 3,831	6.28 - 2,522	42 – 621	17 - 440
<b>Average kWh/m<sup>2</sup></b>				128 (294 properties)

**Table 15 2010/11/12/13/14 kWh/m<sup>2</sup>**

#### ***Gas Cost per Unit of Floor Area (£/m<sup>2</sup>)***

<b>Gas £ / m<sup>2</sup></b>	<b>2010/11</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>
<b>Most frequently occurring gas cost range £/m<sup>2</sup></b>	2 – 5	2 – 4	2.87 - 5.51	2 - 4
<b>Gas cost per square metre of floor area range £/m<sup>2</sup></b>	1 – 106	0.18 - 70.61	1.37 - 20.18	0.42 – 11.01
<b>Average £/m<sup>2</sup></b>				3.20 (294 properties)

**Table 16 2010/11/12/13/14 £/m<sup>2</sup>**

### ***Gas Consumption per Pupil (kWh/Pupil)***

<b>Gas kWh / pupil</b>	<b>2010/11</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>
<b>Most frequently occurring gas consumption per pupil range kWh/pupil</b>	No data available	Primary 500– 900 Secondary 700– 950	500 – 1250	All 500 – 1,000
<b>13/14 Most frequently occurring gas consumption per pupil range kWh/pupil</b>			Infant 500 - 760 Primary 500 – 1,000 Secondary 750 – 1,600	
<b>Gas consumption per pupil range kWh/pupil</b>	No data available	107 - 6,842	333 - 3196	All 116 – 8,010
<b>13/14 Gas consumption per pupil range kWh/pupil</b>			Infant 116 – 1826 Primary 189 – 3115 Secondary 281 - 8010	
<b>Average kWh/pupil</b>				1,064 (223 properties)

**Table 17 2010/11/12/13/14 kWh/pupil**

### ***Gas Cost per Pupil (£/Pupil)***

<b>Gas £ / pupil</b>	<b>2010/11</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>
<b>Most frequently occurring gas cost per pupil range £/pupil</b>	No data available	15 – 25	16.30 – 40.63	All 12 – 22
<b>Gas cost per pupil range £/pupil</b>	No data available	1.33 – 1,499	10.82 – 103.87	All 2.91 – 200.26 Primary 4.73 – 77.88
<b>Average £/pupil</b>				26.60 (223 properties)

**Table 18 2010/11/12/13/14 £/pupil**

## **Year on Year Changes**

The first year that Annual Supplier Statements were available for reporting on the CRC was 2010/11. Consumption data before that was based on data contained in the SystemsLink database and cost per unit assumptions with financial data from the ledger.

### ***Reasons for the Wide Range of Values and Year on Year Changes in Energy Consumption and Cost***

The wide range of values is due to a number of reasons such as:

- There could be a high number of under-estimates or over-estimates accepted on which invoices were paid rather than being based on customer reads where an actual read was not taken.
- The property may have been vacated during the year resulting in low consumption.
- The meter reported on may supply more properties than where the address is – such as Shire Hall meter also covers Barrack Street.
- The data sets that have been made available to us may be incomplete.
- There may have been a change of supplier during the year.
- There may be billing issues such as corrections, overcharges and refunds.
- Meters may have been read incorrectly, or reported in the wrong units – e.g. confusing the gas units kWh with m<sup>3</sup>.

- WCC are only responsible for reporting energy consumption in communal areas of business centres, not units used by private businesses.
- Pupil numbers should be treated with caution as they change regularly. Some of the pupil numbers we have may not be up to date.
- Buildings used for the same purpose vary in age and construction type and therefore energy performance.
- Buildings used for the same purpose may be open plan or cellular.
- Building user behaviour varies considerably from highly motivated to be energy efficient to very wasteful depending on the social norms within the building and leadership from above.
- Hours of use for buildings used for the same purpose may vary widely. For instance, some may be open for clubs at night time or for community purposes at weekends and holiday periods.
- Some buildings used for the same purpose may be fully air conditioned; others may only have natural ventilation, others a combination.
- A small number of schools have swimming pools and hydrotherapy pools.
- Some buildings in the south of the county where there is no gas network may have only electric heating or oil heating or a combination of oil and electricity etc.

## Yearly comparisons

Year	Total tonnes CO <sub>2</sub>	Total cost of Allowances	Change in carbon dioxide emissions on previous year	Change in carbon dioxide emissions on 2010/11
08/09	45,467			
09/10	47,600		4.7%	
10/11	41,472 (55,541 with street lighting)		-12.9%	
11/12	37,978	£455,736	-8.4%	-8.4%
12/13	43,033 (corrected amount 43,902 with a remaining commitment of 872)	£516,396  £526,824	13.3%	3.6%
13/14	39,741 (with additional for Shire Hall and outstanding from last year 40,613)	£483,108 + £4,248 = £487,356	-7.6%	-4.4%

**Table 19 All CRC CO<sub>2</sub> emissions 2008 -14**

## Yearly comparisons – schools + non schools

Year	Schools tonnes CO <sub>2</sub>	Non-schools tonnes CO <sub>2</sub>	Total tonnes CO <sub>2</sub>	Schools allowances cost £	Non-schools allowances cost £	Total allowances cost £
08/09	26,371	19,096	45,467	316,448	229,152	545,599
09/10	27,500	20,100	47,600	330,000	241,200	571,200
10/11 <sup>3</sup>	33,200	8,272	41,472	398,400	99,258	497,658
11/12	30,521	7,457	37,978	366,252	89,484	455,736
12/13	32,710	11,192	43,902	392,520	134,304	526,824
13/14	32,590	7,153	39,741	391,076	85,836	476,916

**Table 20 Schools and Non- schools CO<sub>2</sub> emissions 2008 - 14**

- In 10/11 and 11/12 WCC was able to report on a total of only 93% of its total carbon dioxide emissions from electricity, gas and heating oil consumption. WCC could exclude some residual carbon dioxide emissions.
- The properties that were excluded (in the 7% of emissions classed as residual and not reported) were all the properties on the sensitive property list (to make future years more comparable as properties were disposed of), schools about to become academies (as they won't be part of WCC in future) and all the ones with oil fired heating (due to difficulties in obtaining robust and accurate consumption data).
- In 12/13 the CRC rules changed and WCC had to report on 100% of its total carbon dioxide emissions, but from only electricity and gas consumption rather than all fuels. This resulted in having to report on electricity and gas consumption for an extra 8% of property by floor area, an extra 38 corporate properties and 7 academies.
- Estimated supplies have a 10% uplift on reported emissions. In 13/14 - 4.6% of school electricity consumption and 6% of school gas consumption was from estimated readings. In 13/14 – 11.6% of non-school electricity consumption and 14.7% of non-school gas consumption was from estimated readings. Estimated readings artificially inflate reported emissions.
- The winter of 12/13 was the second worst winter in 20 years.
- The rules about CRC reporting allow for no weather correction of consumption data for heating purposes.
- 82% of emissions are from educational establishments where the Head Teachers control energy consuming behaviours equipment. WCC have no direct control over energy consumption in these properties.
- Corporate emissions will change due to property disposal and acquisition; the property rationalisation programme; works to improve the building fabric, insulation, heating, lighting and controls; increased use of IT and severity of the weather.

<sup>3</sup> Allowances before 11/12 were not required - they were calculated just for information.

## WCC Budget and Actual Energy Related Costs 2013/14

A spreadsheet data for budget and actual energy spend for the financial year 13/14 was provided from the WCC Financial Systems Team in August 2014.

### 13/14 Actual

Actual Amount 13/14	Non-Schools £	Schools £	Street Lighting £	Grand Total £
Calor Gas	3,371.01			3,371.01
Electricity	1,124,487.17	1,966,589.23	2,111,550.24	5,202,626.64
Fuel Oil	9,845.91	165,826.14		175,672.05
Gas	541,438.54	1,838,097.68		2,379,536.22
Internal Expenditure - Energy	3,921.48	4,600.00		8,521.48
Internal Income - Energy		-62,310.44		-62,310.44
Solid Fuel	4,843.69	0.82		4,844.51
<b>Grand Total</b>	<b>1,687,907.80</b>	<b>3,912,803.43</b>	<b>2,111,550.24</b>	<b>7,712,261.47</b>

Table 21 Actual energy costs 13/14

### 13/14 Budget

Approved Budget 13/14	Non-Schools £	Schools £	Street Lighting £	Grand Total £
Calor Gas	1,707.00			1,707.00
Electricity	1,045,305.00	438,221.00	2,282,187.00	3,765,713.00
Fuel Oil	19,630.00	65,171.00		84,801.00
Gas	435,735.00	414,124.00		849,859.00
Internal Expenditure - Energy	5,280.00	0.00		5,280.00
Internal Income - Energy		-18,953.00		-18,953.00
Solid Fuel	2,000.00	0.00		2,000.00
<b>Grand Total</b>	<b>1,509,657.00</b>	<b>898,563.00</b>	<b>2,282,187.00</b>	<b>4,690,407.00</b>

Table 22 Approved budget energy costs 13/14

- Agresso is WCC's Financial Management System (FMS) and has all of the maintained school budgets on. Schools that are bank account schools use the (Schools Information Management System) SIMS FMS as their financial system.
- WCC Finance Team only put a top line budget on Agresso. There would not be a budget against Gas or Electricity as the budget is not broken down to that level.
- However, the actual spend for bank account schools who use SIMS FMS is uploaded at the end of the financial year and the spend does show against Gas and Electricity, so if one is comparing budget against spend then it will show an overspend against these headings.



### 12/13 Actual Energy Related Costs

Actual Amount 12/13	Non-Schools £	Schools £	Grand Total £
Calor Gas	10,639.71	0.00	10,639.71
Electricity	1,132,394.30	2,019,566.68	3,151,960.98
Fuel Oil	25,223.65	188,431.36	213,655.01
Gas	759,019.81	2,146,526.02	2,905,545.83
Internal Expenditure - Energy	111,174.24	-379.77	110,794.47
Internal Income - Energy		-50,869.91	-50,869.91
Solid Fuel	6,238.05	3,615.99	9,854.04
<b>Grand Total</b>	<b>2,044,689.76</b>	<b>4,306,890.37</b>	<b>6,351,580.13</b>

Table 23 Actual energy costs 12/13

### 12/13 Approved Energy Related Budgets

Approved Budget 12/13	Non-Schools £	Schools £	Grand Total £
Calor Gas	707.00		707.00
Electricity	1,179,333.00	574,150.00	1,753,483.00
Fuel Oil	24,391.00	76,189.00	100,580.00
Gas	539,800.00	525,473.00	1,065,273.00
Internal Expenditure – Energy	5,280.00	0.00	5,280.00
Internal Income – Energy		-35,081.00	-35,081.00
Solid Fuel	0.00	5,000.00	5,000.00
<b>Grand Total</b>	<b>1,749,511.00</b>	<b>1,145,731.00</b>	<b>2,895,242.00</b>

Table 24 Approved budget energy costs 12/13

### 11/12 WCC Actual Energy Related Costs

Actual Amount 11/12	Non-Schools £	Schools £	Grand Total £
Calor Gas	2,186.58	-543.22	1,643.36
Electricity	1,130,878.11	2,206,158.56	3,337,036.67
Fuel Oil	31,998.16	221,263.65	253,261.81
Gas	608,252.01	1,629,655.70	2,237,907.71
Internal Expenditure - Energy	5,280.00	0.00	5,280.00
Internal Income - Energy		-73,759.99	-73,759.99
Solid Fuel	3,127.52	19,957.37	23,084.89
<b>Grand Total</b>	<b>1,781,722.38</b>	<b>4,002,732.07</b>	<b>5,784,454.45</b>

Table 25 Actual energy costs 11/12

## A colorful illustration of a rural landscape. On the left, there are two large wind turbines. In the center, a series of power lines with pylons stretch across the scene. Below the lines, there are several small houses in red, blue, and purple. To the right of the houses, there is a large windmill and a red castle. The background is a light blue sky with a few clouds. The foreground is a green field with some trees and bushes.



## ***Communications - web pages***

The following energy related web pages have been maintained.

### **Energy and Water Efficiency Service**

<http://www.warwickshire.gov.uk/energyandwater>

This web page introduces WCC's Energy and Water Efficiency Service and the Carbon Reduction Commitment (CRC).

### **Energy and Water Efficiency Performance**

<http://www.warwickshire.gov.uk/energyperformance>

Looks at WCC's energy reporting system and what it includes and excludes. The Systemslink database holds energy consumption and invoice data for each site.

### **Energy Policy/Carbon Management Action Plan**

<http://www.warwickshire.gov.uk/energypolicy>

Provides links to WCC's energy policy.

<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-21>

### **Building Energy and Water Efficiency**

<http://www.warwickshire.gov.uk/energybuilding>

This web page lists the sort of energy saving projects that have been implemented in WCC properties.

### **School Energy Management**

Acts as a hub for resources that will help Warwickshire schools manage their energy consumption

<http://www.warwickshire.gov.uk/schoolenergy>

AtlasWeb reports information from the SystemsLink database and presents it in tabular and graphical form. The cost and consumption data used in these reports is apportioned over the actual period over which the fuel is consumed, using meter reading dates.

Resources on the school energy page include:

- School electricity smart meter data lesson plan (PDF, 400.5 KB)  
<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-51>
- Spot the difference student activity game about two different human influenced environments 2014 (PDF, 301.08 KB)  
<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-50>
- School Energy Management Matrix (PDF, 142.29 KB)  
<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-48>
- School energy policy and action plan template (PDF, 175.33 KB)  
<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-49>
- Schools energy and water survey checklist 2014 (PDF, 234.35 KB)  
<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-45>

- The great escape – water leaks 2014 (PDF, 143.05 KB)  
<http://apps.warwickshire.gov.uk/api/documents/WCCC-599-52>

### ***Display Energy Certificates (DECs) and Advisory Reports (ARs)***

Non-dwellings are responsible for almost 20 per cent of the UK's energy consumption and carbon dioxide (CO<sub>2</sub>) emissions. The Government want the public service sector to lead the way in the campaign to tackle CO<sub>2</sub> emissions.

In order to comply with the Energy Performance of Buildings Directive 2007 (EPBD), all buildings occupied by a public authority and frequently visited by the public with a useful floor area of over 500 m<sup>2</sup> are required to have a Display Energy Certificate (DEC). In July 2015 this drops to 250 m<sup>2</sup>. The DEC must be displayed in colour at A3 size in a prominent place, usually the main entrance area.

1,000 m<sup>2</sup> + buildings need a DEC every year and an Advisory Report (AR) every seven years. Those buildings with a floor area of between 250 m<sup>2</sup> and 1,000 m<sup>2</sup> require a DEC and AR every ten years.

Energy assessors must be a member of an approved accreditation scheme. Energy assessors are responsible for conducting an energy assessment, producing a DEC and AR and lodging the DEC and AR with their accreditation scheme. The accreditation scheme is responsible for checking and lodging certificates on the national register. Accreditation schemes are also responsible for monitoring the quality of the certificates energy assessors produce. WCC produce DECs / ARs through the accreditation bodies Stroma and Elmhurst.

A DEC provides an overview of the energy performance of a building based upon its actual recorded energy consumption (electricity, gas, heating oil, biomass, solid fuel) and the CO<sub>2</sub> emissions that result from that energy use. This is shown as a rating from A to G, where A has the lowest CO<sub>2</sub> emissions (best) and G the highest CO<sub>2</sub> emissions (worst). The rating is also shown as a number. A typical building of its type would have a rating of 100. A building with twice the typical CO<sub>2</sub> emissions would have a rating of 200 (or G).

### ***WCC DEC Related Targets***

WCC aims to produce an average of 27 to 28 DECs per month over a year. The actual number produced depends on whether they are simple renewals or new DECs, when the renewal date occurs during the year and whether all the required data is available.

An average of 24 DECs are required for schools or academies per month and three or four corporate DECs. WCC also produce an average of seven ARs per month, six school/academy ARs and one corporate AR.

## Percentage (%) of DEC's Rated as E, F or G

WCC uses the % DEC rating of its E, F and G rated properties across the whole estate as a quarterly performance reporting measure, with the target of maintaining the percentage of E, F and G rated DEC's at below 30.6% of all valid DEC's.

Year	08 /09	%	09 /10	%	10 /11	%	11 /12	%	12 /13	%	13 /14	%
A (0 – 25)	0	0.0%	0	0.0%	0	0.0%	3	1.0%	1	0.7%	1	0.5%
B (26 – 50)	10	4.9%	7	3.1%	4	2.1%	6	2.1%	5	3.6%	13	6%
C (51 – 75)	54	26.3%	39	17.2%	42	22.5%	55	19.10%	30	21.9%	45	21%
D (76 – 100)	99	48.3%	107	47.1%	93	49.7%	132	45.8%	60	43.8%	88	42%
E(101 – 125)	29	14.1%	59	26.0%	37	19.8%	72	25.0%	34	24.8%	56	26.4%
F(126 – 150)	7	3.4%	7	3.1%	8	4.3%	16	5.6%	7	5.1%	6	2.8%
G(Over 150)	6	2.9%	8	3.5%	3	1.6%	4	1.4%	0	0.0%	3	1.4%
<b>Total</b>	<b>205</b>	<b>100%</b>	<b>227</b>	<b>100%</b>	<b>187</b>	<b>100%</b>	<b>288</b>	<b>100%</b>	<b>137</b>	<b>100%</b>	<b>212</b>	<b>100%</b>
Total E,F and G rated		20.4%		32.6%		25.7%		32%		29.9%		30.6%

**Table 26 DEC ratings over time**

WCC expects the average DEC rating to improve over time: as the quality of the data improves; as inefficient properties are disposed of through property rationalisation and as more investment is made in energy efficiency in the properties that are retained.

Improving the energy performance of buildings that will be kept for the medium to long term can be achieved through projects such as:

- Implementing an effective maintenance and minor works programme to ensure optimum operational efficiency,
- Intelligent use of the building management system
- Improving insulation, heating & lighting systems, voltage control and server rooms,
- Improving the thermal performance of the building envelope,
- Implementing renewable and micro-generation energy systems,
- Low carbon whole building retrofits,
- Reducing the size of the WCC estate (property rationalisation) [note that moving to new benchmarks for increased space occupancy will increase energy use per unit of floor area, even though overall it may be better use of space],
- Procuring only buildings that fall into the top quartile of energy performance,
- Ensuring all new builds and major refurbishments (with a contract value of over £1M) achieve a BREEAM 'very good' rating,
- Ensuring all projects (with a contract value of between £350k to £1M) achieve minimum BREEAM credits in energy use / carbon reduction, water use, materials / waste minimisation and ecology,
- rolling out smart metering ensuring accurate data, and
- resourcing effective awareness raising and behaviour change campaigns

Delivering such projects will have a positive effect on reducing the average DEC rating of the corporate estate and reduce carbon emissions.

### DEC Ratings – a snapshot in time

DEC Rating	Number at end May 2013	%	Number at end Jan 2014	%	Number at end April 2014	%	Number at end September 2014	%
A (0 – 25)	1	0.61%	1	0.39%	1	0%	1	0%
B (26 – 50)	6	3.68%	8	3.09%	13	6%	12	6%
C (51 – 75)	33	20.25%	57	22.01%	45	21%	41	19%
D (76 – 100)	68	41.72%	115	44.40%	88	42%	94	45%
E (101 – 125)	38	23.31%	61	23.55%	56	26.42%	55	26.07%
F (126 – 150)	17	10.43%	14	5.41%	6	2.83%	6	2.84%
G (Over 150)	0	0.00%	3	1.16%	3	1.42%	2	0.95%
<b>Total</b>	<b>163</b>	<b>100%</b>	<b>259</b>	<b>100%</b>	<b>212</b>	<b>100%</b>	<b>211</b>	<b>100%</b>
Percentage E, F and G rated DEC's.								
		33.74%		30.12%		30.66%		29.86%

Table 27 DEC ratings 13/14

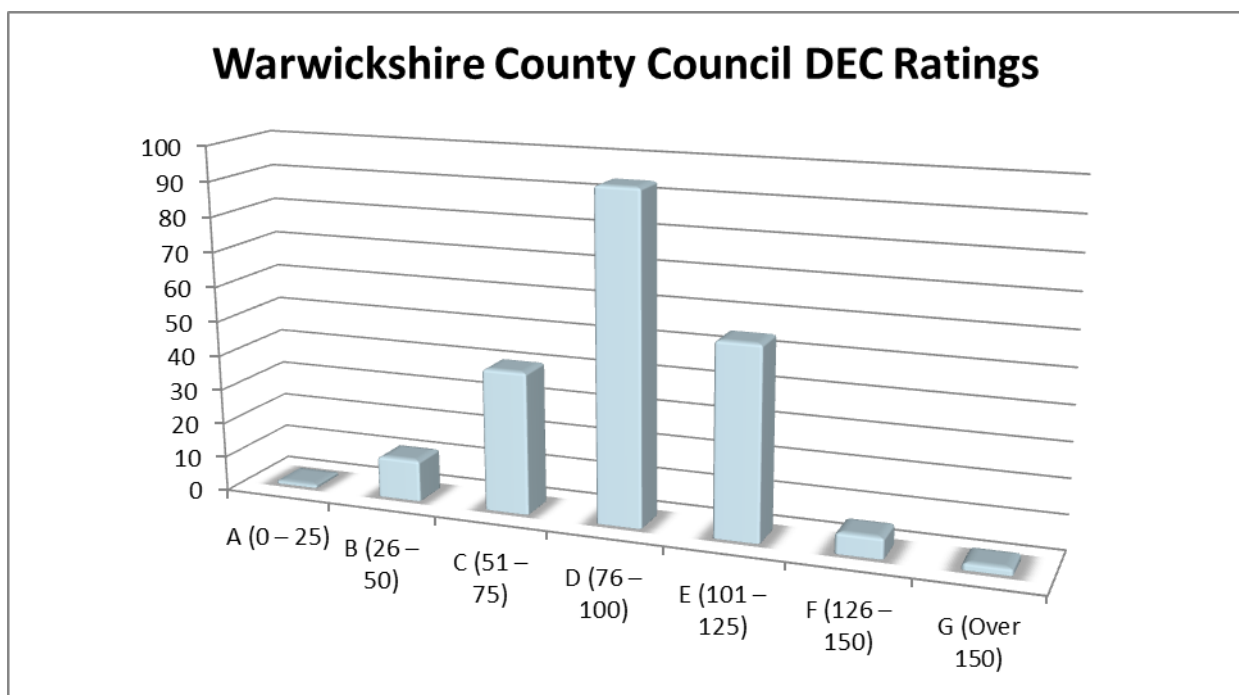


Figure 2 211 DEC's shown by rating as at the end of September 2014

## Appendix 1: WCC Electricity Benchmarks 11/12 /13 (average kWh/m<sup>2</sup> of all properties in the sample) + commentary on highest 12/13 consumers

Energy benchmarking means tracking a building's energy use and using a standard metric to compare the building's performance against past performance. These comparisons can be used to drive energy efficiency upgrades, increase occupancy rates or improve property values.

Benchmarks for smaller buildings may not necessarily be the same ones as for large buildings, even though the buildings may be used for the same purpose.

Benchmarks are only a guide to help more fully understand energy performance of a building – not an exact indication of either good or poor performance.

Property Type	11/12 kWh/m <sup>2</sup>	12/13 kWh/m <sup>2</sup>	Highest Consumer of Electricity 12/13	Commentary from property about 12/13 consumption.	1. 13/14 kWh/m <sup>2</sup> average 2. Highest consuming property (and kWh/m <sup>2</sup> ) 3. Number in sample
Waste Facility / recycling Centre	84	689	Kenilworth / Cherry Orchard	Metal portakabin construction.	1. 164 2. Cherry Orchard Household Waste Facility (439) 3. 4
Office	84	77	Warwick County Records Office	The high electricity usage is because there are 4 strong rooms on site in which the historic records are stored. The strong rooms' total area is 789 square metres and they are temperature and humidity controlled which is a requirement for the conservation of the documents. They contain almost 3 miles of archives and represent 900 years of Warwickshire's history.	1. 81 2. Warwick County Records Office (166) 3. 15
Fire Station	66	83	Southam Fire Station	The roof in the appliance bay is not insulated. All the heating at the station is electric and there are	1. 69 2. Southam Fire Station

Property Type	11/12 kWh/m <sup>2</sup>	12/13 kWh/m <sup>2</sup>	Highest Consumer of Electricity 12/13	Commentary from property about 12/13 consumption.	1. 13/14 kWh/m <sup>2</sup> average 2. Highest consuming property (and kWh/m <sup>2</sup> ) 3. Number in sample
				<p>additional bar heaters by the kit racks.</p> <p>The thermostat in the bay was fixed at a very high level to allow kit to dry out, but was on all the time. There is now a new push button system thermostat in the appliance bay which will help reduce electricity consumption.</p> <p>The structure of the building would need improving for the building to become significantly more energy efficient. Installation of double-glazed windows and doors and roof insulation would help.</p>	<p>(188)</p> <p>3. 16</p>
Business Centre Communal Area	59	60	Eliot Park Innovation Centre	<p>Electricity consumption at EPIC is monitored half-hourly. EPIC is available to its tenants 24/7 365 days a year which could skew the average. Occupancy levels have also increased. Tenants at other business centres pay their own utility bills directly to their suppliers, but at EPIC the electricity consumption is for the whole building including common areas and tenants units. Tenants at EPIC are then recharged proportionately for their energy usage.</p> <p>Between Jan and September 2014, the electricity consumption was lower than the target except for June and July. There are 8 air conditioning condenser units and the motors would have been running at near 100% to distribute and extract the</p>	<p>1. 84</p> <p>2. Saltisford Business Park Building 1 (136)</p> <p>3. 5</p>



Property Type	11/12 kWh/m <sup>2</sup>	12/13 kWh/m <sup>2</sup>	Highest Consumer of Electricity 12/13	Commentary from property about 12/13 consumption.	1. 13/14 kWh/m <sup>2</sup> average 2. Highest consuming property (and kWh/m <sup>2</sup> ) 3. Number in sample
				<p>cooled air around the building during these warm months.</p> <p>The output from the Photo-Voltaic system needs to be recorded regularly to make sure it is generating as expected.</p>	
Complex Needs Centre	-	39	Brookbank	Brookbank became an operational complex needs centre in December 2012. Electricity consumption has declined since the highest consuming year 10/11.	
Country Park / Outdoor Education Centre	93	80	Pooley Fields Heritage Centre	-	1. 70 2. Pooley Fields Heritage Centre (118) 3. 5
Depot	72	95	Wellesbourne Divisional Highways Depot	The heating at the school has been upgraded over the last few years and should now be much more energy efficient. The winter of 13/14 was the first when heating in the school was not supplemented by electric fan heaters and this has led to a reduced consumption so far in 2014.	1. 71 2. Wellesbourne Divisional Highways Depot (260) 3. 7
Library / Information Centre	74	71	Wolston	-	1. 66 2. Wolston Library (148) 3. 15

Property Type	11/12 kWh/m <sup>2</sup>	12/13 kWh/m <sup>2</sup>	Highest Consumer of Electricity 12/13	Commentary from property about 12/13 consumption.	1. 13/14 kWh/m <sup>2</sup> average 2. Highest consuming property (and kWh/m <sup>2</sup> ) 3. Number in sample
Museum	155	61	St. John's House Museum	<p>There are multiple display cases and appliances which have to be left on around the clock. There are also tenants on the first floor who similarly have a high usage due to them operating a museum.</p> <p>Gas consumption at market Hall Museum is high. This is mostly due to heating requirements as the collections have to maintain a stable environment. The heat retention is also poor due to the age of the building (c.1670). This would be the same at St John's but draught proofing has been installed in some areas and there is a biomass boiler for heating.</p>	1. 47 2. St. John's House Museum (47) 3. 2
Youth and Community Centre	68	44	Ratcliffe Youth & Community Centre, Atherstone	-	1. 49 2. Ratcliffe Youth & Community Centre (138) 3. 6
Nursery & Children's Centre	70	67	Nuneaton, Ramsden Avenue, Family Community care Centre (UPRN 1262)	The entire building is now let to NHS Property Services under two separate leases.	1. 55 2. Bedworth Heath Nursery & Children's centre (77) 3. 5
Early Years Centre	-	-	-	-	1. 46 2. Stockingford early Years Centre &

Property Type	11/12 kWh/m <sup>2</sup>	12/13 kWh/m <sup>2</sup>	Highest Consumer of Electricity 12/13	Commentary from property about 12/13 consumption.	1. 13/14 kWh/m <sup>2</sup> average 2. Highest consuming property (and kWh/m <sup>2</sup> ) 3. Number in sample
					Library (54) 3. 3
Infant School	-	51	Leamington Hastings CE Infant	The school has had new heating within the last 12 months in the temporary classrooms. Previously it was heated by electricity and now it is heated by gas fan convectors.	1. 44 2. Galley Common Infant School (84) 3. 28
Primary School	-	50	Norton Lindsey / Wolverton Primary School	-	1. 48 2. Wolverton Primary School (137) 3. 142
Junior School	-	-	-	-	1. 42 2. Stockingford Junior School (61) and St. Joseph's Catholic Junior School (61) 3. 24
Secondary / High School / College / Grammar	-	53	Nuneaton / Oak Wood Secondary School	Oak Wood Secondary is the bill payer for both Oak Wood Primary and Secondary making the Secondary look as if it has higher consumption than it really has.  Both Oak Wood Primary and Secondary Schools have a number of specialist rooms for its pupils with complex needs, such as interaction rooms with lighting systems and a hydro therapy swimming pool.	1. 48 2. Kingsbury School, a Specialist Science & Maths College (82) 3. 42
Academy		52	Nuneaton (Alderman Smith)	-	1. 49 2. Avon Valley School (78)

Property Type	11/12 kWh/m <sup>2</sup>	12/13 kWh/m <sup>2</sup>	Highest Consumer of Electricity 12/13	Commentary from property about 12/13 consumption.	1. 13/14 kWh/m <sup>2</sup> average 2. Highest consuming property (and kWh/m <sup>2</sup> ) 3. Number in sample
					3. 19
College		52	Polesworth School – A Specialist Language College (Academy)	<p>The school is a large open site with multiple separate buildings, many of which are rather old. There are two newer buildings on the site where motion sensors are fitted on the lights but on the rest of the buildings the lights can be on from 6.00am until nearly 10.00pm.</p> <p>The majority of heating is gas and there are several boiler houses. The boiler plants range from between 4 and 16 years old and although brand new boiler plant would be more efficient, the existing ones are not particularly inefficient or due for replacement yet. However, the school finds that they have to use a number of electric fan heaters around the school to maintain an acceptable working temperature during the winter months. These are expensive to run and increase the electricity consumption.</p>	1. 135 2. Kenilworth School and Sports College (276) 3. 15

**Table 28 Electricity – highest consumers 2012/13**

- 12/13 the average for all sites was 62 kWh/m<sup>2</sup>.
- 13/14 the average for all 345 sites was 69 kWh/m<sup>2</sup>.

**WCC Gas Benchmarks 13/14 (average kWh/m<sup>2</sup> of all properties in the sample)**

Property Type	11/12 kWh/m <sup>2</sup>	12/13 kWh/m <sup>2</sup>	Highest Consumer of Gas 12/13	1. 13/14 kWh/m <sup>2</sup> average 2. Highest consuming property (and kWh/m <sup>2</sup> ) 3. Number in sample
Fire Station	237	255	Kenilworth	1. 212 2. Nuneaton Fire Station (333) 3. 12
Library / Information Centre	150	140	Harbury. Disposed of.	1. 139 2. Alcester library & Information Centre (285) 3. 10
Museum	147	217	County Museum, Market Hall	1. 177 2. County Museum (Market Hall, Warwick) (244) 3. 2
Office	107	-		1. 159 2. Rugby Registrar's Office (418) 3. 9
Business Centre (Communal Areas)	-	-	-	1. 55 2. Sir Frank Whittle Business Centre (70) 3. 3
Primary / Junior School	-	131	Alcester St Nicholas CE Primary	1. 114 2. Wellesbourne CE Primary School Annexe (291) 3. 119
Secondary / High School / College	-	149	Kenilworth School and Sports College (Upper School)	1. 135 2. Kenilworth School and Sports College (Upper School) 3. 15

**Table 29 Gas – highest consumers 2013/14**

## Appendix 2: Energy consumption per unit of floor area

*Electricity consumption (kWh, kWh / m<sup>2</sup>, cost £, £/m<sup>2</sup>, kWh/m<sup>2</sup>, £/pupil, kWh/pupil) 13/14*

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Nicholas Chamberlaine Technology College	1007	595,060	£56,531	£3.39	36	40	421
St Michael's C.E. Primary School	1009	76,868	£ 7,302	£3.26	34	25	261
Bedworth Early Years Centre & Nursery	1010	43,459	£ 4,129	£3.57	38	52	543
St Francis Catholic Primary School	1012	76,845	£ 7,300	£4.38	46	35	371
Exhall Grange School & Science College	1014	433,385	£41,172	£5.29	56	230	2,421
Exhall Cedars Infant School	1015	46,388	£ 4,407	£3.47	37	21	222
Ash Green School & Arts College	1017	326,834	£31,049	£4.02	42	41	436
Canon Evans CE Infant School	1022	39,495	£ 3,752	£2.76	29	15	154
Canon Maggs CE Junior School	1023	87,703	£ 8,332	£3.94	41	24	256
St Giles Junior School	1029	77,596	£ 7,372	£4.36	46	38	396
Beadia House	1063	46,014	£ 4,371	£5.47	58	-	-
St James C E Junior School	1075	72,413	£ 6,879	£3.36	35	30	318
Arden Forest Infant School	1076	48,349	£ 4,593	£3.59	38	26	273
Centenary Business Centre	1097	94,965	£ 9,022	£2.74	29	-	-
Croft Junior School	1107	73,816	£ 7,013	£3.65	38	26	269
St Paul's CE Primary School, Nuneaton	1108	123,746	£11,756	£4.93	52	24	255
Higham Lane School A Business & Enterprise College	1112	475,588	£45,181	£4.28	45	37	392
Camphill Primary School	1115	182,559	£17,343	£7.09	75	48	509
Stockingford Junior School	1121	197,338	£18,747	£5.83	61	70	739
Stockingford Early Years Centre & Library	1122	49,057	£ 4,660	£5.12	54	47	491

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
St Nicolas CE (Voluntary Aided) Primary School Nun	1124	104,688	£ 9,945	£4.08	43	23	246
Whitestone Infant School	1125	62,953	£ 5,981	£2.92	31	23	241
Stepping Stones Pre School, Sewage Pump, Magyar Crescent, NUNEATON Warwickshire, CV11 4SQ	1125	13,766	£ 1,308	£0.64	7	5	53
Wembrook Primary School	1131	130,343	£12,383	£3.40	36	18	194
Our Lady Of The Angels Catholic Infant School	1133	82,384	£ 7,826	£5.50	58	27	289
St Joseph's Catholic Junior School	1134	99,113	£ 9,416	£5.78	61	36	374
Alderman Smith School	1137	712,698	£67,706	£5.80	61	57	597
St Thomas More Catholic School	1140	281,659	£26,758	£2.87	30	31	322
St Thomas More School 6th Form, Greenmoor Road, NUNEATON Warwickshire, CV10 7EX	1140	149,548	£14,207	£1.52	16	16	171
Galley Common Infant School	1144	65,260	£ 6,200	£7.73	81	41	435
Park Lane Primary School	1145	89,886	£ 8,539	£3.41	36	24	253
Chetwynd Junior School	1146	78,983	£ 7,503	£3.04	32	23	245
Freeway, Nuneaton Social Education Centre	1147	51,401	£ 4,883	£4.00	42	-	-
Glendale Infant School	1152	50,622	£ 4,809	£3.01	32	19	202
Chilvers Coton Community Infant School	1153	61,386	£ 5,832	£3.33	35	36	374
Hatters Space Community Centre	1157	49,593	£ 4,711	£5.02	53	-	-
Griff Caravan Site, Coventry Road, NUNEATON Warwickshire, CV10 7PE	1165	11,104	£ 1,055	£1.07	11	-	-
Goodyers End Primary School	1247	96,393	£ 9,157	£3.02	32	27	284
Milby Primary School	1248	101,252	£ 9,619	£2.89	30	23	237

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Weddington Primary School	1250	102,365	£ 9,725	£3.16	33	25	262
Vehicle Depot, Units D2 & D3 Greenwood Court	1259	8,450	£ 803	£2.25	24	-	-
Family Community Care Centre	1262	154,462	£14,674	£458.13	4,822	-	-
Eliot Park Innovation Centre	1270	513,289	£48,762	£ 11.59	122	-	-
Oak Wood Secondary School	1276	316,545	£30,072	£7.57	80	264	2,777
Camp Hill Education, Sports and Social (CHESS)	1287	59,368	£ 5,640	£4.23	45	-	-
The Opportunities Centre Factory, Pool Road Industrial Estate, Pool Road, NUNEATON Warwickshire, CV10 9AE	1313	29,695	£ 2,821	£2.11	22	-	-
Nursery Hill Primary School	2001	71,967	£ 6,837	£6.02	63	51	537
Gun Hill Infant School	2005	78,948	£ 7,500	£2.49	26	61	642
Queen Elizabeth School & Sports College, Upper School	2010	90,142	£ 8,563	£2.11	22	15	154
Queen Elizabeth School & Sports College, Lower School	2011	349,529	£33,205	£5.53	58	57	602
Atherstone Early Years Centre	2016	60,326	£ 5,731	£4.45	47	62	656
The Ratcliffe Youth & Community Centre	2017	32,073	£ 3,047	£ 13.13	138	-	-
St Benedict's Catholic Primary School	2021	41,624	£ 3,954	£4.61	49	25	262
Atherstone Library & Information Centre	2027	31,620	£ 3,004	£5.09	54	-	-
Atherstone Fire Station	2036	33,250	£ 3,159	£6.70	71	-	-
The Partnership Centre-nw, Coleshill Road, ATHERSTONE Warwickshire, CV9 1BN	2045	20,179	£ 1,917	£3.42	36	-	-
Woodside C.E. Primary School	2053	63,210	£ 6,005	£3.31	35	30	321
The Coleshill School - a Maths & Computing College	2059	558,069	£53,017	£6.07	64	65	680



Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
St Edwards Catholic Primary School	2060	120,980	£11,493	£5.27	55	53	563
Woodlands School (Formerly Blythe)	2061	144,918	£13,767	£4.15	44	102	1,073
Coleshill C. of E. Primary School	2064	103,619	£ 9,844	£4.84	51	32	341
High Meadow Infant School	2065	22,947	£ 2,180	£2.79	29	25	264
Warwickshire/Materials Lab Highway Depot, Coleshill Heath Road, Coleshill, BIRMINGHAM, B46 3HL	2098	39,382	£ 3,741	£1.73	18	-	-
Curdworth Primary School	2104	45,907	£ 4,361	£5.49	58	39	406
Dordon Community Primary School	2106	83,852	£ 7,966	£4.35	46	72	762
Hartshill School (Foundation)	2124	409,890	£38,940	£4.50	47	40	416
Nathanial Newton Infant School	2128	63,787	£ 6,060	£3.13	33	34	358
Kingsbury School, a Specialist Science & Maths Col	2136	457,291	£43,443	£7.79	82	71	746
Hurley Primary School	2140	72,329	£ 6,871	£5.37	56	45	476
Newton Regis CE Primary School	2157	36,721	£ 3,488	£4.13	43	33	346
Polesworth International Language College	2160	737,969	£70,107	£5.82	61	47	500
The Nethersole School CE Primary	2164	81,296	£ 7,723	£3.27	34	29	301
Warton Nethersole C.E. Primary School	2166	44,609	£ 4,238	£4.36	46	33	349
Shustoke CE Primary School	2177	59,921	£ 5,692	£5.44	57	36	377
Coleshill Library & Information Centre	2224	15,680	£ 1,490	£7.11	75	-	-
Kingsbury Water Park Outdoor Education Centre	2232	21,973	£ 2,087	£5.61	59	-	-
The Revel C.E. (Aided) Primary School Annexe	3012	22,120	£ 2,101	£7.29	77	-	-
Clifton-Upon-Dunsmore C. of E. Primary School	3016	88,039	£ 8,364	£7.75	82	37	393

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Dunchurch Boughton C. of E. (V.A.) Junior School	3032	75,296	£ 7,153	£5.19	55	28	295
Leamington Hastings CE Infant School	3042	35,205	£ 3,344	£7.40	78	93	978
Long Lawford Primary School	3044	60,494	£ 5,747	£2.74	29	24	252
Long Lawford Children's Centre, Holbrook Road, Long Lawford, RUGBY Warwickshire, CV23 9AL	3044	26,362	£ 2,504	£1.19	13	10	110
The Revel C.E. (Aided) Primary School	3047	101,111	£ 9,606	£5.54	58	33	345
The Avon Valley School & Performing Arts College	3051	884,765	£84,053	£7.38	78	76	800
Newbold Riverside Primary School	3052	76,214	£ 7,240	£3.57	38	33	346
Eastlands Primary School	3068	57,956	£ 5,506	£3.89	41	28	290
Boughton Leigh Junior School	3070	70,408	£ 6,689	£2.82	30	22	235
Boughton Leigh Infant School	3071	87,192	£ 8,283	£4.03	42	35	369
Brooke School	3073	190,162	£18,065	£4.82	51	118	1,243
Henry Hinde Infant School	3079	38,698	£ 3,676	£2.35	25	21	216
Rugby High School (Foundation)	3082	329,344	£31,288	£4.68	49	41	431
Oakfield Road, RUGBY Warwickshire, CV22 6AU	3085	101,389	£ 9,632	£3.37	35	44	459
Oakfield Children's Centre, Oakfield Road, RUGBY Warwickshire, CV22 6AU	3085	45,245	£ 4,298	£1.50	16	19	205
The Benn Education Centre	3109	41,786	£ 3,970	£8.18	86	-	-
Henry Hinde Junior School	3114	61,525	£ 5,845	£3.76	40	22	237
Rugby Fire Station	3144	67,969	£ 6,457	£4.85	51	-	-
Provost Williams C.E. Primary School	3204	64,005	£ 6,080	£5.30	56	30	311
Knightlow C.E. Primary School	3210	67,174	£ 6,382	£3.81	40	33	346
Wolston Library	3225	23,182	£ 2,202	£ 14.10	148	-	-

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Wolvey CE Primary School	3229	85,836	£ 8,154	£5.51	58	45	469
Brownsover Community School	3233	59,149	£ 5,619	£3.76	40	26	273
Sir Frank Whittle Business Centre	3260	64,744	£ 6,151	£2.31	24	-	-
Registrar's Office	3261	6,902	£ 656	£4.04	42	-	-
Former Paddox Primary School	3262	31,010	£ 2,946	£0.94	10	7	71
Cawston Grange Primary School	3276	99,807	£ 9,482	£5.65	59	37	393
Alcester Grammar School(Foundation)	4005	531,648	£50,507	£5.50	58	54	564
Our Lady's Catholic Primary School	4007	77,707	£ 7,382	£9.96	105	79	836
St Nicholas C.E. (controlled) Primary School Alcester	4008	144,573	£13,734	£4.63	49	42	445
St Benedict's Catholic High School	4009	341,021	£32,397	£4.58	48	55	578
Alcester Fire Station, Seggs Lane, ALCESTER Warwickshire, B49 5HJ	4016	31,684	£ 3,010	£6.72	71	-	-
Temple Herdewyke Primary School	4028	52,857	£ 5,021	£6.76	71	63	661
Bidford On Avon Fire Station	4055	17,263	£ 1,640	£4.71	50	-	-
Brailes C.E. Primary School	4057	46,851	£ 4,451	£5.88	62	59	616
Claverdon Primary School	4064	59,802	£ 5,681	£5.61	59	29	304
Coughton C.E. Primary School	4067	35,963	£ 3,416	£4.25	45	25	259
The Dasset C.E. Primary School	4073	57,857	£ 5,496	£5.16	54	32	338
Lighthorne Heath Primary School	4077	66,693	£ 6,336	£5.25	55	91	953
Great Alne Primary School	4079	46,682	£ 4,435	£6.16	65	47	497
Harbury CE Primary School	4083	69,099	£ 6,564	£4.64	49	33	353
Henley-In-Arden High School	4089	283,285	£26,912	£4.95	52	43	452
Henley-in-Arden Voluntary Aided CE Primary School	4092	55,732	£ 5,295	£4.25	45	29	310
St Mary's Catholic Primary School Henley in Arden	4093	32,656	£ 3,102	£6.34	67	67	710

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Henley-in-Arden Fire Station, Station Road, HENLEY-IN-ARDEN West Midlands, B95 5JP	4097	9,847	£ 935	£1.58	17	-	-
Ilmington Primary School	4105	58,307	£ 5,539	£7.92	83	51	535
Kineton High School A Specialist Sports College	4108	380,073	£36,107	£4.09	43	42	443
Acorns Primary School	4125	51,173	£ 4,861	£7.34	77	63	665
Long Itchington C.E. Primary School	4129	64,558	£ 6,133	£4.48	47	38	403
Loxley C.E. Primary School	4131	18,901	£ 1,796	£7.39	78	49	511
Moreton Morrell C.E. Primary School (Foundation)	4135	38,630	£ 3,670	£6.77	71	44	460
Quinton Primary School	4144	43,743	£ 4,156	£4.52	48	43	456
Dunnington C.of E. (V.A.) Primary School	4159	40,013	£ 3,801	£4.57	48	36	377
Snitterfield Primary School	4168	40,919	£ 3,887	£4.40	46	39	413
St James (Voluntary Aided) CE Primary School	4174	63,341	£ 6,017	£5.77	61	38	396
Southam Primary School	4176	72,246	£ 6,863	£3.56	37	25	261
Shipston High School, a Specialist Technology College	4191	215,242	£20,448	£4.20	44	51	539
Shipston Primary School (Foundation)	4193	102,191	£ 9,708	£4.13	43	26	270
Shipston-On-Stour Fire Station	4199	12,672	£ 1,204	£4.96	52	-	-
Shipston-On-Stour Highways Sub-Depot	4204	31,359	£ 2,979	£4.45	47	-	-
Shipston Household Waste Recycling Centre, Brailes Road, (B4035), SHIPSTON-ON-STOUR Warwickshire, CV36 5AD	4204	13,762	£ 1,307	£1.95	21	-	-
Stockton Primary School	4206	48,112	£ 4,571	£5.60	59	45	472

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Stratford-Upon-Avon High School, A Maths &	4216	980,077	£93,107	£6.25	66	63	660
The Willows C.E. Primary School	4219	102,666	£ 9,753	£3.65	38	29	307
Stratford-upon-Avon Grammar School For Girls	4221	286,653	£27,232	£4.60	48	46	480
Alveston C.of E. Primary School	4224	56,215	£ 5,340	£3.49	37	30	311
Thomas Jolyffe Primary School	4225	117,233	£11,137	£4.51	47	30	319
Welcombe Hills School	4226	118,499	£11,257	£3.29	35	67	701
King Edward VI School	4227	401,527	£38,145	£4.41	46	68	717
Stratford-Upon-Avon Primary School	4229	57,634	£ 5,475	£4.41	46	25	266
Shottery St Andrew's C.E. Primary School	4231	18,520	£ 1,759	£5.72	60	24	250
Stratford-Upon-Avon Library & Information Centre	4234	75,257	£ 7,149	£5.98	63	-	-
Stratford-Upon-Avon Fire Station	4245	48,491	£ 4,607	£5.65	60	-	-
Studley Community Infant School	4263	71,219	£ 6,766	£4.63	49	29	310
Studley Youth and Community Centre	4264	9,254	£ 879	£2.30	24	-	-
Studley High School, Humanities & Music College	4266	291,102	£27,655	£4.67	49	37	386
Studley St. Mary's CE (VA) Junior School	4267	54,648	£ 5,192	£3.62	38	24	250
Tanworth-In-Arden C.E. Primary School	4279	85,633	£ 8,135	£5.13	54	38	400
Newbold & Tredington Primary School (Tredington)	4285	22,127	£ 2,102	£3.93	41	30	316
Newbold & Tredington Primary School (Newbold)	4286	8,287	£ 787	£2.82	30	11	117
Tysoe C.E. Primary School	4294	87,849	£ 8,346	£5.70	60	49	514
Wellesbourne C.E. Primary School	4302	88,910	£ 8,446	£5.07	53	27	280

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Wellesbourne C.E. Primary School Annexe	4303	29,353	£ 2,789	£3.27	34	8	87
Wellesbourne Library & Community Centre	4305	13,225	£ 1,256	£5.05	53	-	-
Wellesbourne Divisional Highways Depot	4308	117,885	£11,199	£ 24.73	260	-	-
St Lawrence C.E. (Voluntary Aided) Primary School	4366	33,235	£ 3,157	£2.76	29	18	192
Wellesbourne Fire Station	4367	20,368	£ 1,935	£5.97	63	-	-
Bidford-on-Avon Primary School / Library	4376	101,175	£ 9,612	£4.96	52	33	343
Shipston Children's Centre, Tilemans Lane, SHIPSTON-ON-STOUR Warwickshire, CV36 4AA	4407	9,935	£ 944	£5.39	57	-	-
Bishop's Tachbrook C. of E. Primary School	5006	67,463	£ 6,409	£4.79	50	32	334
Budbrooke Primary School	5009	103,093	£ 9,794	£5.05	53	34	355
Trading Standards Headquarters	5010	156,343	£14,853	£ 10.91	115	-	-
Contractors Yard Hardstanding, Old Budbrooke Road, Hampton Magna, Warwick, Warwickshire	5012	68,374	£ 6,496	£ 13.26	140	-	-
Cubbington CE Primary School	5015	62,480	£ 5,936	£3.84	40	31	325
Our Lady & St Teresa's Catholic Primary School	5016	44,878	£ 4,263	£3.26	34	32	337
The Ferncumbe CE Primary School	5021	58,227	£ 5,532	£7.16	75	43	455
Kenilworth School and Sports College 6th Form	5026	195,721	£18,593	£3.77	40	11	111
Priors Field Primary School	5027	86,264	£ 8,195	£5.14	54	39	409
Kenilworth School and Sports College-	5028	318,396	£30,248	£5.85	62	17	180

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Upper							
Park Hill Junior School	5030	65,313	£ 6,205	£3.67	39	26	272
St Nicholas CE Primary School Kenilworth	5032	99,588	£ 9,461	£3.34	35	24	250
Thorns Community Infant School	5033	74,800	£ 7,106	£5.07	53	41	432
Kenilworth Nursery School	5034	23,923	£ 2,273	£3.80	40	28	295
Clinton Primary School	5037	91,400	£ 8,683	£6.25	66	42	439
St John's Primary School	5039	73,984	£ 7,028	£2.93	31	29	301
Kenilworth Fire Station	5058	23,140	£ 2,198	£8.19	86	-	-
Lapworth CE Primary School	5066	45,198	£ 4,294	£4.01	42	29	310
Campion School and Community College	5079	387,653	£36,827	£4.41	46	63	666
Telford Infant School	5085	76,166	£ 7,236	£5.72	60	27	283
Telford Junior School	5086	69,049	£ 6,560	£3.37	35	20	212
St Patrick's Catholic Primary School	5088	80,306	£ 7,629	£5.33	56	39	408
Sydenham Primary School	5089	114,072	£10,837	£3.33	35	54	570
St Paul's CE Primary School, Leamington Spa	5090	81,549	£ 7,747	£3.52	37	22	227
Whitnash Nursery School	5092	27,980	£ 2,658	£6.19	65	32	337
Trinity Catholic School, A Specialist Arts and	5094	545,673	£51,839	£4.30	45	51	537
Shrubland Street Community Primary School	5096	45,060	£ 4,281	£2.74	29	23	240
Brookhurst Primary School	5100	108,068	£10,266	£4.74	50	26	275
Clapham Terrace Community Primary School	5101	60,195	£ 5,719	£3.54	37	31	325
Circle Network, Bury Road, Leamington	5103	27,670	£ 2,629	£4.14	44	-	-

Site Name	UPRN	2013-14 Total Electricity Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Spa, Warwickshire, CV31 3HW							
St Peter's Catholic Primary School	5104	38,054	£ 3,615	£4.33	46	33	346
Radford Semele CE Primary	5169	64,533	£ 6,131	£4.28	45	34	361
Shire Hall & Courts (Market Square)	5187	1,817,307	£172,644	£ 11.82	124	-	-
1Northgate Street, WARWICK, CV34 4SP	5189	26,709	£ 2,537	£ 15.25	161	-	-
Premises At Montague Road	5199	228,910	£21,746	£3.20	34	-	-
Newburgh Primary School, Kipling Avenue, WARWICK, CV34 6LD	5226	133,043	£12,639	£4.45	47	59	622
Emscote Infant School	5229	51,952	£ 4,935	£3.39	36	30	317
Aylesford School. A Specialist Language & Music Co	5234	553,081	£52,543	£4.85	51	63	662
Round Oak : School, Support Service and Sports Col	5236	209,081	£19,863	£5.34	56	127	1,340
Westgate Primary School	5239	63,116	£ 5,996	£4.06	43	44	461
County Museum (Market Hall)	5248	38,547	£ 3,662	£4.39	46	-	-
County Records Office	5252	260,193	£24,718	£ 15.79	166	-	-
Briar Hill Infant School	5290	65,202	£ 6,194	£3.99	42	23	241
Lillington Primary School	5340	137,952	£13,105	£3.85	40	67	700
All Saints C.of E. Community Primary School	5348	42,267	£ 4,015	£4.94	52	29	306
Lillington Community and Children's Centre	5389	28,645	£ 2,721	£4.62	49	-	-
Ridgeway School - Deansway	5405	181,865	£17,277	£6.19	65	176	1,856
Marle Hall	6002	99,977	£ 9,498	£5.02	53	-	-

**Table 30 Electricity consumption (kWh, kWh / m2, cost £, £/m2, kWh/m2, £/pupil, kWh/pupil) 13/14**



**Gas consumption per unit of floor area (kWh / m<sup>2</sup>) 13/14**

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Nicholas Chamberlaine Technology College	1007	2,581,576	£64,539.40	£ 3.87	155	£ 45.71	1,828
St Michael's C.E. Primary School	1009	219,169	£5,479.23	£ 2.45	98	£ 18.57	743
Bedworth Early Years Centre & Nursery	1010	141,423	£3,535.57	£ 3.05	122	£ 44.19	1,768
St Francis Catholic Primary School	1012	226,224	£5,655.59	£ 3.39	136	£ 27.32	1,093
Exhall Grange School & Science College	1014	1,433,864	£35,846.60	£ 4.60	184	£200.26	8,010
Exhall Cedars Infant School	1015	126,372	£3,159.29	£ 2.49	100	£ 15.12	605
Wheelwright Lane Primary School	1016	392,637	£9,815.91	£ 5.30	212	£ 37.04	1,482
Ash Green School & Arts College	1017	1,209,803	£30,245.06	£ 3.92	157	£ 40.38	1,615
Race Leys Infant School	1018	172,925	£4,323.11	£ 2.80	112	£ 21.19	848
Race Leys Junior School	1019	181,664	£4,541.60	£ 2.96	118	£ 20.18	807
Bedworth Heath Nursery & Children's Centre	1021	30,195	£754.89	£ 2.03	81	£ 9.56	382
Canon Evans CE Infant School	1022	141,427	£3,535.68	£ 2.60	104	£ 13.81	552
Canon Maggs CE Junior School	1023	234,688	£5,867.20	£ 2.77	111	£ 17.16	686
All Saints C. of E. Infant School	1028	157,813	£3,945.33	£ 3.74	149	£ 29.22	1,169
St Giles Junior School	1029	319,898	£7,997.45	£ 4.72	189	£ 40.80	1,632
Bedworth Library & Information Centre	1033	97,891	£2,447.27	£ 3.30	132	£-	-
Bedworth Fire Station	1050	81,471	£2,036.77	£ 3.91	156	£-	-
Beadia House	1063	65,342	£1,633.54	£ 2.05	82	£-	-
St James C E Junior School	1075	227,201	£5,680.03	£ 2.78	111	£ 24.91	996
Arden Forest Infant School	1076	188,462	£4,711.54	£ 3.68	147	£ 26.62	1,065
The Keresley Teaching & Learning Centre	1080	287,893	£7,197.32	£ 6.01	241	£-	-
Keresley Newland Primary School	1081	218,690	£5,467.25	£ 2.85	114	£ 24.52	981

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Centenary Business Centre	1097	106,084	£2,652.11	£ 0.81	32	£-	-
Croft Junior School	1107	210,387	£5,259.68	£ 2.74	110	£ 19.20	768
St Paul's CE Primary School, Nuneaton	1108	189,838	£4,745.95	£ 1.99	80	£ 9.77	391
George Eliot Community School (Academy)	1110	977,313	£24,432.82	£ 3.27	131	£ 35.77	1,431
Wembrook Community Youth Centre	1111	41,161	£1,029.02	£ 3.45	138	£-	-
Higham Lane School A Business & Enterprise College	1112	1,250,322	£31,258.04	£ 2.96	118	£ 25.77	1,031
Camp Hill Early Years Centre	1114	414,405	£10,360.12	£ 5.92	237	£-	-
Camp Hill Primary School	1115	267,180	£6,679.50	£ 2.73	109	£ 18.61	744
St Anne's Catholic Primary School	1116	150,435	£3,760.87	£ 3.31	133	£ 17.99	720
Middlemarch School (Foundation)	1119	228,105	£5,702.62	£ 3.34	134	£ 30.99	1,240
Stockingford Infant School	1120	44,397	£1,109.91	£ 0.56	22	£ 4.13	165
Stockingford Junior School	1121	630,424	£15,760.60	£ 4.90	196	£ 59.03	2,361
Stockingford Early Years Centre & Library	1122	81,169	£2,029.21	£ 2.23	89	£ 20.29	812
St Nicolas CE (Voluntary Aided) Primary School Nun	1124	301,149	£7,528.71	£ 3.09	124	£ 17.67	707
Whitestone Infant School	1125	178,028	£4,450.70	£ 2.17	87	£ 17.05	682
Wembrook Primary School	1131	304,536	£7,613.40	£ 2.09	84	£ 11.33	453
Our Lady Of The Angels Catholic Infant School	1133	33,162	£829.05	£ 0.58	23	£ 2.91	116
St Joseph's Catholic Junior School	1134	59,360	£1,484.00	£ 0.91	36	£ 5.60	224
Nuneaton Academy (formerly Alderman Smith School)	1137	1,426,094	£35,652.36	£ 3.05	122	£ 29.88	1,195
St Thomas More Catholic School	1140	855,183	£21,379.57	£ 2.29	92	£ 24.46	978
Abbey C E Infant School	1141	148,512	£3,712.80	£ 2.70	108	£ 17.35	694

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
All Saints C. of E. Primary School	1142	125,950	£3,148.75	£ 2.54	102	£ 13.93	557
Queens CE Junior School	1143	334,430	£8,360.76	£ 3.14	126	£ 45.44	1,818
Galley Common Infant School	1144	61,032	£1,525.80	£ 1.90	76	£ 10.17	407
Park Lane Primary School	1145	254,473	£6,361.82	£ 2.54	102	£ 17.92	717
Chetwynd Junior School	1146	258,083	£6,452.08	£ 2.61	104	£ 19.98	799
Freeway, Nuneaton Social Education Centre	1147	299,473	£7,486.82	£ 6.14	245	£-	-
Glendale Infant School	1152	151,277	£3,781.92	£ 2.37	95	£ 15.07	603
Chilvers Coton Community Infant School	1153	259,858	£6,496.45	£ 3.71	148	£ 39.61	1,584
Hatters Space Community Centre	1157	134,490	£3,362.25	£ 3.58	143	£-	-
Etone Technology Language Vocational College	1158	1,381,015	£34,525.37	£ 3.36	134	£ 40.24	1,610
Nuneaton Library and Information Centre	1161	189,724	£4,743.10	£ 3.23	129	£-	-
Nuneaton Fire Station	1184	594,710	£14,867.76	£ 8.31	333	£-	-
The Hilary Road Centre	1188	133,489	£3,337.21	£ 3.24	130	£-	-
Ramsden Resource Centre	1198	137,877	£3,446.93	£ 5.54	221	£-	-
Kings House	1242	358,182	£8,954.55	£ 3.09	124	£-	-
Goodyers End Primary School	1247	265,058	£6,626.46	£ 2.19	87	£ 19.55	782
Milby Primary School	1248	372,176	£9,304.40	£ 2.79	112	£ 21.79	872
Newdigate Primary School	1249	405,007	£10,125.17	£ 3.59	144	£ 40.99	1,640
Weddington Primary School	1250	317,621	£7,940.53	£ 2.58	103	£ 20.36	814
Eliot Park Innovation Centre	1270	265,366	£6,634.14	£ 1.58	63	£-	-
Oak Wood Secondary School	1276	417,665	£10,441.64	£ 2.63	105	£ 91.59	3,664
Camp Hill Education, Sports and Social (CHESS)	1287	103,503	£2,587.58	£ 1.94	78	£-	-
Nursery Hill Primary School	2001	105,581	£2,639.53	£ 2.32	93	£ 19.70	788
Gun Hill Infant School	2005	224,630	£5,615.75	£ 1.87	75	£ 45.66	1,826

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Queen Elizabeth School & Sports College, Upper School	2010	492,123	£12,303.09	£ 3.03	121	£ 21.07	843
Outwoods Primary School (formerly Oakfield Junior)	2012	225,000	£5,625.00	£ 3.31	132	£ 16.21	648
Outwoods Primary School (formerly Arden Hill Infant)	2013	175,957	£4,398.92	£ 3.49	140	£ 12.46	498
Racemeadow Primary School	2014	329,955	£8,248.88	£ 2.89	116	£ 31.25	1,250
Atherstone Early Years Centre	2016	136,684	£3,417.10	£ 2.65	106	£ 37.14	1,486
St Benedict's Catholic Primary School	2021	96,969	£2,424.23	£ 2.83	113	£ 15.25	610
Atherstone Library & Information Centre	2027	49,708	£1,242.70	£ 2.10	84	£-	-
Atherstone Fire Station	2036	119,459	£2,986.48	£ 6.33	253	£-	-
North Warwickshire Children & Family Service Team	2044	126,721	£3,168.03	£ 3.10	124	£ 18.86	754
The Atherstone Centre	2048	104,946	£2,623.65	£ 5.37	215	£-	-
Austrey CE Primary School	2050	41,533	£1,038.33	£ 1.28	51	£ 10.82	433
Woodside C.E. Primary School	2053	178,974	£4,474.36	£ 2.46	99	£ 22.71	908
The Coleshill School - a Maths & Computing College	2059	1,301,329	£32,533.22	£ 3.73	149	£ 39.63	1,585
St Edwards Catholic Primary School	2060	244,826	£6,120.66	£ 2.81	112	£ 28.47	1,139
Woodlands School (Formerly Blythe)	2061	418,701	£10,467.51	£ 3.16	126	£ 77.54	3,101
Coleshill C. of E. Primary School	2064	187,452	£4,686.30	£ 2.30	92	£ 15.42	617
High Meadow Infant School	2065	106,128	£2,653.20	£ 3.39	136	£ 30.50	1,220
Coleshill Fire Station	2080	202,601	£5,065.03	£ 5.26	210	£-	-
Curdworth Primary School	2104	81,708	£2,042.71	£ 2.57	103	£ 18.08	723
Dordon Community Primary School	2106	273,893	£6,847.31	£ 3.74	149	£ 62.25	2,490
Bournebrook C.E. Primary School	2115	210,688	£5,267.19	£ 4.71	188	£ 33.55	1,342
Hartshill School (Foundation)	2124	1,158,344	£28,958.59	£ 3.35	134	£ 29.40	1,176

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Michael Drayton Junior School	2125	220,744	£5,518.60	£ 2.03	81	£ 12.10	484
Nathaniel Newton Infant School	2128	245,842	£6,146.05	£ 3.18	127	£ 34.53	1,381
Kingsbury School, a Specialist Science & Maths Col	2136	1,293,974	£32,349.35	£ 5.80	232	£ 52.77	2,111
Wood End Primary School	2139	202,386	£5,059.65	£ 3.44	138	£ 33.51	1,340
Hurley Primary School	2140	110,201	£2,755.03	£ 2.15	86	£ 18.13	725
Newton Regis CE Primary School	2157	79,901	£1,997.51	£ 2.36	95	£ 18.84	754
Polesworth International Language College	2160	1,639,760	£40,993.99	£ 3.40	136	£ 27.77	1,111
Polesworth (Academy) Youth Wing	2163	76,591	£1,914.77	£ 7.05	282	£-	-
The Nethersole School CE Primary	2164	259,324	£6,483.10	£ 2.75	110	£ 24.01	960
Warton Nethersole C.E. Primary School	2166	64,420	£1,610.49	£ 1.66	66	£ 12.58	503
Polesworth Fire Station	2171	57,901	£1,447.52	£ 5.62	225	£-	-
Shustoke CE Primary School	2177	84,116	£2,102.90	£ 2.01	80	£ 13.23	529
Warwick House - Atherstone	2184	159,630	£3,990.74	£ 6.25	250	£-	-
Water Orton Primary School	2208	421,055	£10,526.38	£ 3.92	157	£ 34.29	1,372
Birchwood Primary School	2209	474,771	£11,869.28	£ 3.92	157	£ 29.53	1,181
Coleshill Library & Information Centre	2224	46,999	£1,174.97	£ 5.60	224	£-	-
Kingsbury Primary School	2225	356,012	£8,900.30	£ 3.34	134	£ 31.23	1,249
Binley Woods Primary School	3008	127,361	£3,184.03	£ 2.08	83	£ 15.68	627
The Revel C.E. (Aided) Primary School Annexe	3012	58,184	£1,454.60	£ 5.05	202	£-	-
Clifton-Upon-Dunsmore C. of E. Primary School	3016	130,711	£3,267.78	£ 3.03	121	£ 14.59	584
Dunchurch Boughton C. of E. (V.A.) Junior School	3032	173,790	£4,344.75	£ 3.15	126	£ 17.04	682
Dunchurch Infant School (Foundation)	3033	91,327	£2,283.17	£ 2.00	80	£ 13.20	528

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Leamington Hastings CE Infant School	3042	56,181	£1,404.54	£ 3.11	124	£ 39.01	1,561
Long Lawford Primary School	3044	226,147	£5,653.66	£ 2.70	108	£ 23.56	942
The Revel C.E. (Aided) Primary School	3047	209,382	£5,234.54	£ 3.02	121	£ 17.87	715
The Avon Valley School & Performing Arts College	3051	1,174,957	£29,373.92	£ 2.58	103	£ 26.56	1,062
Newbold Riverside Primary School	3052	174,721	£4,368.01	£ 2.15	86	£ 19.85	794
Eastlands Primary School	3068	168,225	£4,205.64	£ 2.97	119	£ 21.03	841
Boughton Leigh Junior School	3070	230,598	£5,764.95	£ 2.43	97	£ 19.28	771
Boughton Leigh Infant School	3071	180,430	£4,510.75	£ 2.19	88	£ 19.11	765
Brooke School	3073	757,769	£18,944.22	£ 5.05	202	£123.82	4,953
Harris School	3074	973,924	£24,348.10	£ 2.39	96	£ 27.57	1,103
St Matthew's Bloxam C.E. Primary School	3078	486,749	£12,168.73	£ 4.01	160	£ 48.10	1,924
Henry Hinde Infant School	3079	148,296	£3,707.39	£ 2.37	95	£ 20.71	828
Rugby High School (Foundation)	3082	842,827	£21,070.68	£ 3.15	126	£ 27.58	1,103
Bilton CE Junior School	3083	248,619	£6,215.46	£ 3.04	122	£ 15.46	618
Oakfield Primary School	3085	379,958	£9,498.94	£ 3.32	133	£ 42.98	1,719
St Marie's Catholic Junior School Rugby	3086	153,986	£3,849.64	£ 2.80	112	£ 8.75	350
Ashlawn School	3089	2,161,765	£54,044.13	£ 4.14	166	£ 32.60	1,304
Bilton School A Maths & Computing College	3090	1,388,404	£34,710.11	£ 3.25	130	£ 35.71	1,428
Hillmorton Primary School	3091	151,009	£3,775.23	£ 2.46	98	£ 18.78	751
English Martyrs Catholic Primary School	3092	85,306	£2,132.64	£ 2.03	81	£ 9.78	391
St Oswald's C.E. Primary School	3094	193,846	£4,846.15	£ 3.09	123	£ 21.44	858
Bilton Infant School	3095	140,636	£3,515.90	£ 3.04	122	£ 19.53	781
Abbots Farm Infant School	3099	91,607	£2,290.18	£ 2.17	87	£ 12.79	512
Abbots Farm Junior School	3100	178,204	£4,455.10	£ 2.94	118	£ 21.11	845

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Bawnmore Infant School	3104	137,202	£3,430.06	£ 2.92	117	£ 19.16	766
Northlands Primary School	3105	135,639	£3,390.98	£ 2.13	85	£ 14.68	587
St Marie's Catholic Infant School Rugby	3107	208,280	£5,207.00	£ 4.36	174	£ 11.81	472
St Andrew's Benn CE (VA) Primary School	3108	129,733	£3,243.31	£ 1.57	63	£ 11.03	441
The Benn Education Centre (disposed of 05/07/12)	3109	147,249	£3,681.23	£ 7.58	303	£-	-
Hill Street Youth & Community Centre (Community)	3111	78,578	£1,964.45	£ 3.30	132	£-	-
Lawrence Sheriff School	3112	601,255	£15,031.38	£ 1.31	52	£ 16.97	679
Henry Hinde Junior School	3114	147,438	£3,685.95	£ 2.37	95	£ 14.18	567
Hunters Lane Household Water Recycling Centre	3119	26,139	£653.47	£ 2.89	116	£-	-
Rugby Fire Station	3144	292,183	£7,304.58	£ 5.49	220	£-	-
Fawsley House	3148	211,123	£5,278.08	£ 3.98	159	£-	-
Bloxham Social Education Centre	3150	231,441	£5,786.04	£ 4.00	160	£-	-
Children & Family Service	3152	50,819	£1,270.48	£ 3.30	132	£-	-
Provost Williams C.E. Primary School	3204	104,178	£2,604.45	£ 2.27	91	£ 12.64	506
Knightlow C.E. Primary School	3210	114,051	£2,851.29	£ 1.70	68	£ 14.70	588
St Margaret's CE Primary School	3223	96,137	£2,403.42	£ 2.15	86	£ 12.39	496
Wolvey CE Primary School	3229	169,560	£4,238.99	£ 2.87	115	£ 23.16	927
Brownsover Community School	3233	220,097	£5,502.44	£ 3.68	147	£ 25.36	1,014
Oakfield Park	3243	76,361	£1,909.03	£ 1.50	60	£-	-
Sir Frank Whittle Business Centre	3260	185,896	£4,647.41	£ 1.74	70	£-	-
Registrar's Office	3261	67,886	£1,697.16	£10.45	418	£-	-
Former Paddox Primary School	3262	653,034	£16,325.86	£ 5.24	209	£ 37.44	1,498
Cawston Grange Primary School	3276	183,539	£4,588.48	£ 2.73	109	£ 18.06	723



Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Specialist Transport, Unit 5	3288	3,808	£95.20	£ 0.42	17	£-	-
Alcester Grammar School(Foundation)	4005	775,844	£19,396.09	£ 2.11	85	£ 20.57	823
Alcester High School Technology College	4006	363,405	£9,085.13	£ 1.34	54	£ 12.08	483
Our Lady's Catholic Primary School	4007	113,279	£2,831.98	£ 3.82	153	£ 30.45	1,218
St Nicholas C.E. (controlled) Primary School Alcester	4008	459,122	£11,478.05	£ 3.87	155	£ 35.32	1,413
St Benedict's Catholic High School	4009	649,143	£16,228.59	£ 2.29	92	£ 27.51	1,100
Alcester Library & Information Centre	4012	152,459	£3,811.47	£ 7.14	285	£-	-
Wilmcote C.E. (Voluntary Aided) Primary School	4025	56,558	£1,413.95	£ 2.45	98	£ 17.90	716
Bishops Itchington Primary School	4035	151,003	£3,775.07	£ 2.79	112	£ 29.72	1,189
Bidford On Avon Fire Station	4055	32,482	£812.05	£ 2.33	93	£-	-
Coughton C.E. Primary School	4067	54,574	£1,364.35	£ 1.70	68	£ 9.82	393
Harbury CE Primary School	4083	131,986	£3,299.65	£ 2.33	93	£ 16.83	673
Henley-In-Arden High School	4089	676,937	£16,923.42	£ 3.11	125	£ 26.99	1,080
River House School	4090	160,064	£4,001.60	£ 3.56	143	£ 67.82	2,713
Henley-in-Arden Voluntary Aided CE Primary School	4092	160,242	£4,006.06	£ 3.22	129	£ 22.26	890
St Mary's Catholic Primary School Henley in Arden	4093	40,571	£1,014.27	£ 2.07	83	£ 22.05	882
Henley-In-Arden Fire Station	4097	134,181	£3,354.52	£ 5.65	226	£-	-
Hampton Lucy C.E. Primary School	4100	51,308	£1,282.70	£ 2.04	82	£ 13.50	540
Long Itchington C.E. Primary School	4129	141,308	£3,532.69	£ 2.58	103	£ 22.08	883
Snitterfield Primary School	4168	78,140	£1,953.49	£ 2.21	88	£ 19.73	789
Southam College	4173	992,534	£24,813.35	£ 2.55	102	£ 18.80	752
St James (Voluntary Aided) CE Primary	4174	176,478	£4,411.96	£ 4.23	169	£ 27.57	1,103



Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
School							
Southam Primary School	4176	204,875	£5,121.88	£ 2.65	106	£ 18.49	740
St Mary's Catholic Primary School Southam	4178	192,102	£4,802.55	£ 3.44	138	£ 34.80	1,392
Shipston High School, a Specialist Technology College	4191	729,891	£18,247.28	£ 3.74	150	£ 45.73	1,829
Shipston Primary School (Foundation)	4193	251,312	£6,282.80	£ 2.67	107	£ 16.62	665
Shipston Branch Library	4194	18,637	£465.92	£ 2.24	90	£-	-
Stockton Primary School	4206	19,303	£482.58	£ 0.59	24	£ 4.73	189
Stratford-Upon-Avon High School, A Maths &	4216	1,174,330	£29,358.25	£ 1.97	79	£ 19.77	791
The Willows C.E. Primary School	4219	206,985	£5,174.63	£ 1.94	77	£ 15.49	620
Stratford-upon-Avon Grammar School For Girls	4221	422,356	£10,558.91	£ 1.78	71	£ 17.69	707
Bishopton Primary School	4223	140,397	£3,509.92	£ 2.43	97	£ 22.64	906
Alveston C.of E. Primary School	4224	158,108	£3,952.69	£ 2.59	103	£ 21.84	874
Thomas Jolyffe Primary School	4225	379,294	£9,482.34	£ 3.84	154	£ 25.77	1,031
Welcombe Hills School	4226	439,940	£10,998.49	£ 3.22	129	£ 65.08	2,603
King Edward VI School	4227	1,085,442	£27,136.06	£ 3.14	126	£ 48.46	1,938
Bridge Town Primary School	4228	196,523	£4,913.08	£ 2.03	81	£ 15.07	603
Stratford-Upon-Avon Primary School	4229	168,439	£4,210.98	£ 3.39	136	£ 19.41	776
St Gregory's Catholic Primary School	4230	312,149	£7,803.72	£ 4.49	180	£ 36.13	1,445
Stratford-Upon-Avon Library & Information Centre	4234	137,973	£3,449.31	£ 2.89	115	£-	-
Stratford-Upon-Avon Fire Station	4245	155,366	£3,884.16	£ 4.77	191	£-	-
Springfield Mind	4248	53,727	£1,343.18	£ 3.53	141	£-	-
The Saltway Centre & Stratford Family	4255	138,642	£3,466.05	£ 4.77	191	£-	-

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Centre							
Studley Community Infant School	4263	221,711	£5,542.78	£ 3.80	152	£ 24.10	964
Studley St. Mary's CE (VA) Junior School	4267	179,583	£4,489.56	£ 3.13	125	£ 20.50	820
St Mary's Catholic Primary School Studley	4268	164,164	£4,104.10	£ 2.67	107	£ 17.69	708
Mappleborough Green C. E. Primary School	4271	72,718	£1,817.96	£ 2.60	104	£ 14.90	596
Tanworth-In-Arden C.E. Primary School	4279	134,389	£3,359.73	£ 2.12	85	£ 15.70	628
Newbold & Tredington Primary School (Tredington)	4285	35,094	£877.35	£ 1.64	66	£ 12.53	501
Newbold & Tredington Primary School (Newbold)	4286	34,556	£863.91	£ 3.10	124	£ 12.17	487
Wellesbourne C.E. Primary School	4302	103,176	£2,579.41	£ 1.55	62	£ 8.11	324
Wellesbourne C.E. Primary School Annexe	4303	248,631	£6,215.76	£ 7.28	291	£ 18.44	738
Wellesbourne Library & Community Centre	4305	24,234	£605.85	£ 2.43	97	£-	-
Wellesbourne Divisional Highways Depot	4308	95,771	£2,394.27	£ 5.29	211	£-	-
Wellesbourne Central Workshops	4309	141,187	£3,529.68	£ 4.54	182	£-	-
St Lawrence C.E. (Voluntary Aided) Primary School	4366	70,383	£1,759.57	£ 1.54	62	£ 10.17	407
Wellesbourne Fire Station	4367	65,291	£1,632.27	£ 5.03	201	£-	-
Bidford-on-Avon Primary School / Library	4376	305,344	£7,633.60	£ 3.94	158	£ 25.88	1,035
Brookbank S.E.C.	4382	75,571	£1,889.26	£11.01	440	£-	-
Barford St Peters C. of E. Primary School	5003	153,055	£3,826.37	£ 3.30	132	£ 32.15	1,286
Bishop's Tachbrook C. of E. Primary School	5006	179,022	£4,475.56	£ 3.34	134	£ 22.16	886
Budbrooke Primary School	5009	254,960	£6,373.99	£ 3.29	131	£ 21.98	879

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Trading Standards Headquarters	5010	182,220	£4,555.50	£ 3.34	134	£-	-
County Highways Head Office	5012	20,569	£514.23	£ 1.05	42	£-	-
Cubbington CE Primary School	5015	195,284	£4,882.10	£ 3.16	126	£ 25.43	1,017
Our Lady & St Teresa's Catholic Primary School	5016	147,343	£3,683.57	£ 2.81	113	£ 27.70	1,108
The Ferncumbe CE Primary School	5021	107,353	£2,683.83	£ 3.47	139	£ 20.97	839
Kenilworth School and Sports College 6th Form	5026	496,605	£12,415.11	£ 2.52	101	£ 7.02	281
Priors Field Primary School	5027	157,692	£3,942.30	£ 2.47	99	£ 18.68	747
Kenilworth School and Sports College- Upper	5028	1,426,252	£35,656.29	£ 6.89	276	£ 20.18	807
Park Hill Junior School	5030	147,335	£3,683.37	£ 2.18	87	£ 15.35	614
St Nicholas CE Primary School Kenilworth	5032	388,633	£9,715.84	£ 3.43	137	£ 24.41	976
Thorns Community Infant School	5033	222,312	£5,557.80	£ 3.96	159	£ 32.13	1,285
Kenilworth Nursery School	5034	51,397	£1,284.93	£ 2.15	86	£ 15.86	635
Burton Green C E Primary School	5036	75,766	£1,894.16	£ 3.00	120	£ 19.73	789
Clinton Primary School	5037	114,734	£2,868.34	£ 2.07	83	£ 13.79	552
St John's Primary School	5039	334,162	£8,354.05	£ 3.49	139	£ 33.96	1,358
St Augustine's Catholic Primary School	5041	146,325	£3,658.13	£ 2.98	119	£ 18.11	724
Kenilworth Library & Information Service	5042	98,152	£2,453.80	£ 2.60	104	£-	-
Kenilworth Fire Station	5058	48,041	£1,201.03	£ 4.47	179	£-	-
Milverton Primary School	5073	422,209	£10,555.22	£ 4.09	164	£ 34.49	1,380
North Leamington School - New Aug 09	5074	1,767,957	£44,198.92	£ 2.89	116	£ 35.13	1,405
Campion School and Community College	5079	925,923	£23,148.08	£ 2.77	111	£ 39.77	1,591
Telford Infant School	5085	152,394	£3,809.86	£ 3.01	120	£ 14.16	567
Telford Junior School	5086	220,519	£5,512.99	£ 2.83	113	£ 16.91	676

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Kingsway Community Primary School	5087	321,754	£8,043.84	£ 3.68	147	£ 62.84	2,514
St Patrick's Catholic Primary School	5088	166,318	£4,157.94	£ 2.90	116	£ 21.11	844
Sydenham Primary School	5089	243,389	£6,084.73	£ 1.87	75	£ 30.42	1,217
St Paul's CE Primary School, Leamington Spa	5090	244,370	£6,109.26	£ 2.78	111	£ 17.02	681
Whitnash Nursery School	5092	40,222	£1,005.55	£ 2.34	94	£ 12.12	485
Trinity Catholic School, A Specialist Arts and	5094	967,671	£24,191.78	£ 2.01	80	£ 23.79	951
Shrubland Street Community Primary School	5096	210,515	£5,262.88	£ 3.36	135	£ 27.99	1,120
St Anthony's Catholic Primary School	5098	133,446	£3,336.15	£ 2.31	92	£ 14.57	583
Brookhurst Primary School	5100	183,772	£4,594.31	£ 2.12	85	£ 11.69	468
Clapham Terrace Community Primary School	5101	160,865	£4,021.63	£ 2.49	99	£ 21.74	870
St Peter's Catholic Primary School	5104	87,153	£2,178.82	£ 2.61	104	£ 19.81	792
(S.T.E.P.S.), 43 Rugby Road	5106	25,409	£635.23	£ 4.57	183	£-	-
Lillington Library & Information Centre	5110	60,559	£1,513.97	£ 3.10	124	£-	-
Fire & Rescue Service Headquarters	5124	945,110	£23,627.74	£ 6.38	255	£-	-
Leamington Spa Social Services - Holly Walk House	5136	109,766	£2,744.15	£ 3.30	132	£-	-
Radford Semele CE Primary School	5169	132,255	£3,306.36	£ 2.31	92	£ 18.47	739
Shire Hall & Courts (Market Square)	5187	1,444,866	£36,121.65	£ 2.47	99	£-	-
Children & Family Services (16 Old Square)	5191	175,046	£4,376.15	£ 8.06	322	£-	-
Northgate House	5196	56,929	£1,423.23	£ 1.40	56	£-	-
Barrack Street Block	5197	655,042	£16,376.05	£ 2.84	114	£-	-
Premises At Montague Road	5199	1,137,350	£28,433.76	£ 4.19	167	£-	-

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Newburgh Primary School	5226	235,255	£5,881.38	£ 2.07	83	£ 27.48	1,099
Woodloes Primary School	5228	149,137	£3,728.42	£ 1.28	51	£ 11.20	448
Emscote Infant School	5229	138,967	£3,474.17	£ 2.38	95	£ 21.18	847
All Saints C. of E. Junior School	5230	168,586	£4,214.65	£ 3.23	129	£ 23.41	937
Warwick Children's Centre and Nursery School	5231	31,113	£777.83	£ 1.83	73	£ 9.97	399
Myton School (Foundation)	5233	2,184,766	£54,619.15	£ 3.62	145	£ 33.76	1,350
Aylesford School. A Specialist Language & Music Co	5234	1,206,083	£30,152.08	£ 2.78	111	£ 36.07	1,443
Round Oak : School, Support Service and Sports Col	5236	315,174	£7,879.34	£ 2.12	85	£ 50.51	2,020
Westgate Primary School	5239	154,215	£3,855.36	£ 2.61	104	£ 28.14	1,126
St Mary Immaculate Catholic Primary School Warwick	5241	295,936	£7,398.39	£ 5.91	236	£ 77.88	3,115
Warwick Youth Centre	5242	159,103	£3,977.58	£ 6.28	251	£-	-
The Old Clink	5245	55,179	£1,379.47	£ 3.73	149	£-	-
St John's House	5247	149,432	£3,735.80	£ 2.77	111	£-	-
County Museum (Market Hall)	5248	203,439	£5,085.98	£ 6.10	244	£-	-
County Records Office	5252	264,940	£6,623.51	£ 4.23	169	£-	-
Priory House	5253	15,826	£395.65	£ 1.60	64	£-	-
The Emscote Social Education Centre	5264	195,074	£4,876.84	£ 5.16	207	£-	-
Myton Park Centre	5268	309,045	£7,726.13	£ 4.33	173	£-	-
St Margaret's CE Junior School	5289	225,465	£5,636.62	£ 2.74	109	£ 16.06	642
Briar Hill Infant School	5290	186,671	£4,666.79	£ 3.01	120	£ 17.28	691
Whitnash Primary School	5291	216,235	£5,405.86	£ 2.71	108	£ 38.61	1,545
St Joseph's Catholic Primary School	5292	121,657	£3,041.42	£ 2.57	103	£ 14.62	585
Coten End Primary School	5339	292,504	£7,312.60	£ 2.41	96	£ 16.81	672

Site Name	UPRN	2013-14 Total Gas Consumption kWh	2013-14 Total Cost £	2013-14 £/m <sup>2</sup>	2013-14 kWh/m <sup>2</sup>	2013-14 £/pupil	2013-14 kWh/pupil
Lillington Primary School	5340	517,403	£12,935.08	£ 3.80	152	£ 65.66	2,626
All Saints Community CE Primary School	5348	88,834	£2,220.85	£ 2.73	109	£ 16.09	644
Office Building 1 Saltisford Business Park	5384	373,286	£9,332.15	£ 1.14	46	£-	-
Lillington Community and Children's Centre	5389	56,402	£1,410.05	£ 2.39	96	£-	-
Kenilworth Youth & Community Centre	5394	40,090	£1,002.26	£ 1.71	69	£-	-
Ridgeway School - Deansway	5405	333,196	£8,329.89	£ 2.98	119	£ 85.00	3,400
Marle Hall Outdoor Education Centre	6002	340,517	£8,512.93	£ 4.50	180	£-	-

**Table 31 Gas consumption per unit of floor area (kWh / m2) 13/14**

