

# **Birmingham East & North PCT**

## **Comments: Factors effecting building energy usage**

- ❖ 2 Substantial new buildings opened in 2008/9 (Dove PCC and Stockland Green)
- ❖ Significant changes to John Taylor Hospice (Extension to the building and new plant and equipment)
- ❖ 5 buildings with extended opening hours
- ❖ 59% of the estate has changed since the base year

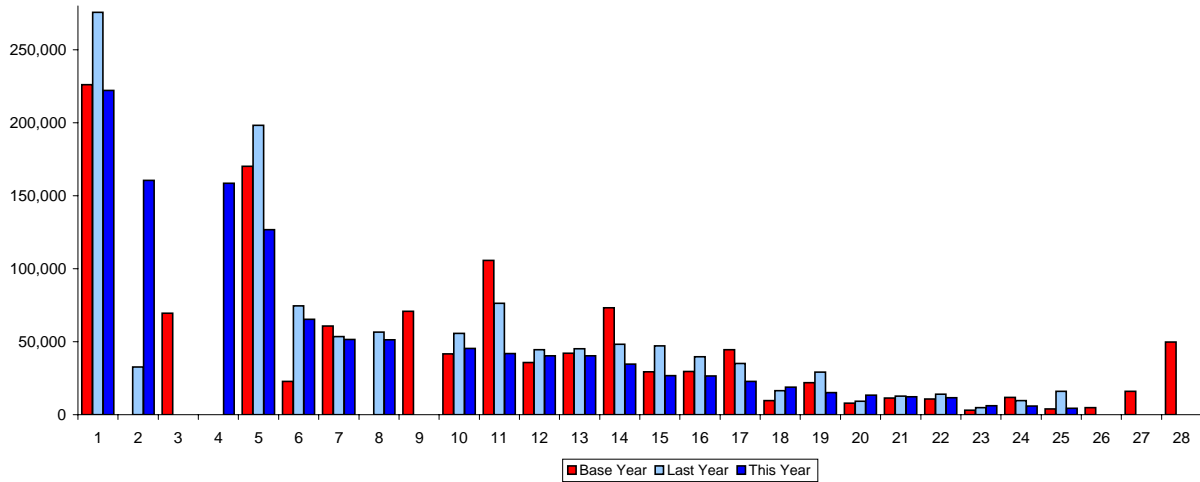
**NHS Birmingham East and North  
League Table of Consumption  
Gas Self Read**

Base Year: April-October 1999

Last Year: April-October 2008

This Year: April-October 2009

kWh



No.	Site	Base Year (kWh)	Last Year (kWh)	This Year (kWh)	Comparison This Year with Base Year		Comparison This Year with Last Year		
					Move	Move%	Move	Move%	
1	John Taylor Hospice	226,066	275,526	222,016	-4,050	-1.79	-53,510	-19.42	3
2	Stockland Green Health Centre New	0	32,629	160,602	160,602	100.00	127,973	392.21	5&7
3	Stockland Green Health Centre Old	69,612	0	0	-69,612	-100.00	0	0.00	4
4	Dove PCC	0	0	158,543	158,543	100.00	158,543	100.00	5&6
5	Sutton Cottage Hospital	170,258	198,286	126,670	-43,588	-25.60	-71,616	-36.12	1
6	ELS Units 12 & 15	22,802	74,522	65,392	42,590	186.78	-9,130	-12.25	3
7	Warren Farm Health Centre	60,843	53,588	51,504	-9,339	-15.35	-2,084	-3.89	1
8	Castle Vale Health Centre New	0	56,649	51,313	51,313	100.00	-5,336	-9.42	5
9	Castle Vale Health Centre Old	70,794	0	0	-70,794	-100.00	0	0.00	4
10	Walmley Health Centre	41,766	55,760	45,482	3,716	8.90	-10,278	-18.43	2&3
11	James Preston Health Centre	105,669	76,295	41,785	-63,884	-60.46	-34,510	-45.23	
12	Church Lane Clinic	35,781	44,467	40,370	4,589	12.83	-4,097	-9.21	1
13	Treaford Lane Clinic	42,096	45,139	40,246	-1,850	-4.39	-4,893	-10.84	
14	Saltley Health Centre	73,143	48,181	34,682	-38,461	-52.58	-13,499	-28.02	
15	Boldmere Clinic	29,467	47,201	26,781	-2,686	-9.12	-20,420	-43.26	1
16	Stechford Health Centre	29,661	39,620	26,495	-3,166	-10.67	-13,125	-33.13	
17	Swan Centre	44,446	35,135	22,718	-21,728	-48.89	-12,417	-35.34	1
18	Colehall Clinic	9,550	16,359	18,865	9,315	97.54	2,506	15.32	
19	Harvey Road Clinic	21,901	29,271	15,047	-6,854	-31.30	-14,224	-48.59	
20	Hodge Hill Clinic	7,991	9,213	13,478	5,487	68.66	4,265	46.29	
21	Horrell Road Clinic	11,440	12,636	12,222	782	6.84	-414	-3.28	
22	Oscott Clinic	10,755	14,084	11,565	810	7.53	-2,519	-17.89	
23	Mapledene Clinic	3,110	4,908	6,186	3,076	98.91	1,278	26.04	
24	Falcon Lodge Clinic	11,830	9,654	5,903	-5,927	-50.10	-3,751	-38.85	
25	RDC Unit 16	3,942	15,912	4,445	503	12.76	-11,467	-72.07	2
26	Bannersgate Clinic	4,745	0	0	-4,745	-100.00	0	0.00	4
27	Blakesley Road	16,040	0	0	-16,040	-100.00	0	0.00	4
28	Tyburn Road	49,819	0	0	-49,819	-100.00	0	0.00	4
<b>TOTAL</b>		<b>1,173,527</b>	<b>1,195,035</b>	<b>1,202,310</b>	<b>28,783</b>	<b>2.45</b>	<b>7,275</b>	<b>0.61</b>	

RED = Over Consumption against target

GREEN = Saving against target

**Key**

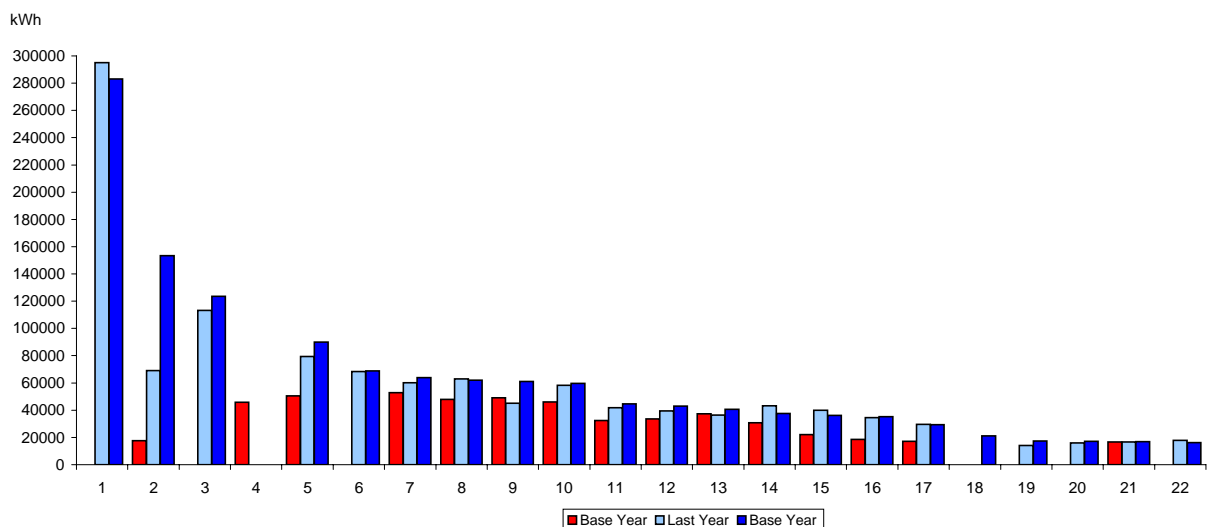
- 1 Extended opening hours
- 2 Significant change of use
- 3 Significant changes to the building
- 4 Building now closed
- 5 New Building

**Heart of Birmingham PCT  
League Table of Consumption  
Electricity Self Read**

Base Year: April-October 1999

Last Year: April-October 2008

This Year: April-October 2009



No.	Site	Base Year (kWh)	Last Year (kWh)	This Year (kWh)	Comparison This Year with Base Year		Comparison This Year with Last Year		
					Move	Move%	Move	Move%	
1	Bartholomew House	0	295,149	283,164	283,164	100.00	-11,985	-4.06	5
2	Greet Community Centre	17,566	69,009	153,462	135,896	773.63	84,453	122.38	2&3
3	Soho Health Centre New	0	113,291	123,626	123,626	100.00	10,335	9.12	3
4	Soho Health Centre Old	45,750	0	0	-45,750	-100.00	0	0.00	5
5	G U Clinic, Whittall Street	50,606	79,447	89,895	39,289	77.64	10,448	13.15	2
6	Aston Pride Community Health Centre	0	68,441	68,947	68,947	100.00	506	0.74	5
7	Colston Health Centre	52,915	60,042	63,861	10,946	20.69	3,819	6.36	
8	St Patricks Centre for Community Health	47,855	62,981	61,922	14,067	29.40	-1,059	-1.68	
9	Carnegie Centre	49,026	45,130	61,107	12,081	24.64	15,977	35.40	2
10	Balsall Heath Health Centre	45,958	58,236	59,577	13,619	29.63	1,341	2.30	
11	Bloomsbury Health Centre	32,415	41,853	44,709	12,294	37.93	2,856	6.82	
12	St Stephens Centre	33,586	39,363	43,072	9,486	28.24	3,709	9.42	
13	Aston Health Centre	37,265	36,388	40,567	3,302	8.86	4,179	11.48	1&2
14	Newtown Health Centre	30,892	43,251	37,602	6,710	21.72	-5,649	-13.06	
15	Lansdowne Health Centre	22,050	39,853	36,135	14,085	63.88	-3,718	-9.33	1&2
16	Farm Road Health Centre	18,594	34,443	35,174	16,580	89.17	731	2.12	
17	Heathfield Family Centre	17,082	29,708	29,354	12,272	71.84	-354	-1.19	2&3
18	Summerfield PCC	0	0	21,059	21,059	100.00	21,059	100.00	5&6
19	Finch Road Primary Care Centre	0	14,118	17,270	17,270	100.00	3,152	22.33	5
20	Riverside Lodge	0	16,071	17,087	17,087	100.00	1,016	6.32	5
21	Sparkhill Health Centre	16,701	16,625	16,818	117	0.70	193	1.16	
22	Cartland House	0	17,867	16,174	16,174	100.00	-1,693	-9.48	5
<b>TOTAL</b>		<b>518,261</b>	<b>1,181,266</b>	<b>1,320,582</b>	<b>802,321</b>	<b>154.81</b>	<b>139,316</b>	<b>11.79</b>	

RED = Over Consumption against target

GREEN = Saving against target

**Key**

- 1 Extended opening hours
- 2 Significant change of use
- 3 Significant changes to the building
- 4 Building now closed
- 5 New Building

**Birmingham East and North PCT  
Total Energy Consumption and CO<sub>2</sub> Emissions**

YEAR TO DATE ENDING 31st October 2009						
Site	Base Year April 1999 - March 2000		Last Year April 2008 - March 2009		This Year April 2009 - March 2010	
	kWh	CO2 Tonnes	kWh	CO2 Tonnes	kWh	CO2 Tonnes
Bannersgate Clinic	6,187	2	0	0	0	0
Blakesley Road	19,731	5	0	0	0	0
Boldmere Clinic *	38,912	10	63,004	9	43,273	5
Castle Vale Health Centre New *	0	0	121,326	11	111,386	10
Castle Vale Health Centre Old	95,066	24	0	0	0	0
Church Lane Clinic *	51,362	14	69,406	8	60,948	8
Colehall Clinic *	14,325	4	22,510	3	25,045	4
Dove PCC	0	0	0	0	319,337	101
ELS Unit 6	0	0	445	0	1,227	1
ELS Units 12 & 15 *	42,116	13	109,053	14	100,540	12
Falcon Lodge Clinic *	15,118	4	14,618	2	10,895	1
Harvey Road Clinic *	33,907	9	45,402	6	31,637	3
Hodge Hill Clinic *	13,621	4	16,422	2	20,496	3
Horrell Road Clinic *	12,917	3	16,519	2	16,453	2
James Preston Health Centre *	141,465	36	119,681	15	84,746	8
John Taylor Hospice *	317,894	83	416,757	52	361,521	42
Mapledene Clinic *	4,500	1	7,225	1	9,298	1
Oscott Clinic *	17,131	5	24,185	3	22,358	2
RDC Unit 16 *	10,353	4	25,095	3	17,775	1
Saltley Health Centre *	113,841	32	101,504	9	85,170	7
Stechford Health Centre *	45,256	13	62,685	8	49,190	5
Stockland Green Health Centre New *	0	0	46,503	6	180,618	31
Stockland Green Health Centre Old *	108,347	30	0	0	0	0
Sutton Cottage Hospital *	236,842	62	271,003	38	166,708	24
Swan Centre *	55,557	13	51,737	7	37,475	4
Treaford Lane Clinic *	52,424	13	61,358	9	57,925	8
Tyburn Road *	53,205	11	0	0	0	0
Walmley Health Centre *	51,290	12	72,160	11	62,397	9
Warren Farm Health Centre *	80,340	20	88,978	10	95,027	10
<b>Total</b>	<b>1,631,707</b>	<b>425</b>	<b>1,827,576</b>	<b>227</b>	<b>1,971,445</b>	<b>300</b>

\* 100% Green Electricity purchased in 2008/9 and 2009/10

**Degree Day Information**

Year to date @ September	No days
2009	1152
2008	1243
2000	1062