

University of the West of England energy use

Site Annual Data			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
			2005/6	2006/7	2007/8	2008/9	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Frenchay	TCO2	Elec	6,369	5,365	5,730	5,698	5,408	4,911	4,665	4,634	5,037	6,804	6,143
T Block & ECC & Farmhouse	TCO2	Elec	0	0	0	0	0	0	0	1,603	2,169	0	0
New Student Village + Centre for Sport	TCO2	Elec	0	2,043	2,391	2,348	2,261	2,042	1,872	2,175	2,175	2,032	1,778
Bristol Business Park & Emersons Green & Pump station	TCO2	Elec	606	695	758	746	723	662	606	669	767	696	552
Bower Ashton	TCO2	Elec	472	444	535	502	520	506	493	512	643	588	486
Arnolfini	TCO2	Elec	0	0	0	0	0	0	0	0	0	0	191
Glenside	TCO2	Elec	819	832	773	743	692	650	473	675	748	753	723
Hollies	TCO2	Elec	0	0	0	0	0	0	0	241	236	209	182
St Matthias	TCO2	Elec	475	489	495	567	498	460	443	471	453	158	0
Total Elec Carbon	TCO2	Elec	8,741	9,868	10,682	10,604	10,102	9,231	8,551	10,980	12,227	11,240	10,055

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			2005/6	2006/7	2007/8	2008/9	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Frenchay	TCO2	Gas	2,775	1,442	1,674	2,057	2,283	1,900	1,661	2,566	2,115	3,187	2,730
T Block & ECC & Farmhouse	TCO2	Gas	0	0	0	0	0	0	0	773	792	0	0
New Student Village + Centre for Sport	TCO2	Gas	0	661	655	703	697	611	508	686	676	650	675
Bristol Business Park & Emersons Green & Pump station	TCO2	Gas	130	98	97	109	114	126	85	153	152	147	116
Bower Ashton	TCO2	Gas	470	312	334	424	434	345	267	438	383	423	272
Arnolfini	TCO2	Gas	0	0	0	0	0	0	0	0	0	0	77
Glenside	TCO2	Gas	960	549	763	605	762	691	700	666	710	924	598
St Matthias	TCO2	Gas	300	231	374	435	406	387	570	485	415	142	0
Total Gas	TCO2	Gas	4,635	3,294	3,897	4,333	4,696	4,060	3,791	5,766	5,242	5,472	4,468
Total UWE Buildings Carbon Emissions	TCO2	Total	13,376	13,162	14,578	14,937	14,798	13,291	12,342	16,746	17,469	16,712	14,523

UWE Fleet (Transport)	TCO2	Transport							38.57	39.83	40.10	26.73	26.73
UWE Grounds (Equipment Diesel)	TCO2	Equipment Diesel							10.44	13.05	10.38	4.92	4.92
Refrigerants	TCO2	Refrigerants								15.60	8.94	9.44	9.44
Total UWE Scope 1 Carbon Emissions	TCO2	Total	4,635	3,294	3,897	4,333	4,696	4,060	3,840	5,834	5,301	5,513	4,510

Total UWE Scope 2 Carbon Emissions	TCO2	Total	8,741	9,868	10,682	10,604	10,102	9,231	8,551	10,980	12,227	11,240	10,055
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Total UWE Scope 1+2 Carbon Emissions	TCO2	Total	13,376	13,162	14,578	14,937	14,798	13,291	12,391	16,814	17,529	16,753	14,565
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Degree Day adjustment

Degree Days	DD		2,016	1,575	1,910	2,105	2,110	2,114	2,036	2,493	1,897	1,900	1,834
Total Elec (DD-adjusted to 2005/6)	TCO2	Elec	8,741	10,160	10,781	10,558	10,023	9,182	8,544	10,384	12,009	11,053	9,932
Total Gas (DD-adjusted to 2005/6)	TCO2	Gas	4,635	4,216	4,113	4,151	4,487	3,872	3,753	4,663	5,571	5,806	4,912
Total DD-adjusted UWE Buildings Carbon Emissions	TCO2	Total	13,376	14,376	14,894	14,708	14,510	13,054	12,297	15,047	17,580	16,859	14,844

Summary for EMR Submission

Non-resi Elec Consumption	TCO2	Elec										8,574	7,677
Non-resi Gas Consumption	TCO2	Gas										4,341	3,304
Non-resi other Scope 1	TCO2	Scope 1 other											
Total Non-resi Scope 1&2 Emissions	TCO2	Total									-	12,915	10,981
Resi Elec Consumption	TCO2	Elec										2,666	2,378
Resi Gas Consumption	TCO2	Gas										1,132	1,165
Resi other Scope 1	TCO2	Scope 1 other											1
Total Resi Scope 1&2 Emissions	TCO2	Total									-	3,797	3,544