

University of the West of England energy use

Site Annual Data			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
			2005/6	2006/7	2007/8	2008/9	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15
Frenchay	TCO2	Elec	6,369	5,365	5,730	5,698	5,408	4,911	4,665	4,634	5,037	6,804
T Block & ECC & Farmhouse	TCO2	Elec	0	0	0	0	0	0	0	1,603	2,169	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
Bristol Business Park & Emersons Green & Pump station	TCO2	Elec	606	695	758	746	723	662	606	669	767	696
Bower Ashton	TCO2	Elec	472	444	535	502	520	506	493	512	643	588
Glenside	TCO2	Elec	819	832	773	743	692	650	473	675	748	753
Hollies	TCO2	Elec	0	0	0	0	0	0	0	241	236	209
St Matthias	TCO2	Elec	475	489	495	567	498	460	443	471	453	158
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

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

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
--------------------------------------	------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

UWE Fleet (Transport)	TCO2	Transport							38.57	39.83	40.10	26.73
UWE Grounds (Equipment Diesel)	TCO2	Equipment Diesel							10.44	13.05	10.38	4.92
Refrigerants	TCO2	Refrigerants								15.60	8.94	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

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
------------------------------------	------	-------	-------	-------	--------	--------	--------	-------	-------	--------	--------	--------

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
--------------------------------------	------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

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
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
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
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	12,050	11,080

Summary for EMR Submission

Non-resi Elec Consumption	TCO2	Elec										8,574
Non-resi Gas Consumption	TCO2	Gas										4,341
Non-resi other Scope 1	TCO2	Scope 1 other										
Total Non-resi Scope 1&2 Emissions	TCO2	Total									-	12,915
Resi Elec Consumption	TCO2	Elec										2,666
Resi Gas Consumption	TCO2	Gas										1,132
Resi other Scope 1	TCO2	Scope 1 other										-
Total Resi Scope 1&2 Emissions	TCO2	Total									-	3,797