Cell #	Location	Total floor area (m2)	Ave level	Mains Heating fuel	Heating type	Heating category	Location is used for	PRE-IMPROVEMENT: U-values (W/m2K) Wall	Roof	Floor	Glazing	Inf rate ach	Predicted energy consumption (kWh/yr) App.	Refrig.	Lighting	Space heating	Hot water	TOTAL	kWh/m2	Predicted CO2 emissions (tCO2/yr) App.	Refrig.	Lighting	Space heating	Hot water	TOTAL	kgCO2 /m2	Predicted fuel bill £/yr	£/m2	Space heating kWh/m2
1,0-F,G	North West	72.0	0	Oil	Boiler	Bungalow	London	0.300	0.300	0.600	2.75	0.60	2245	326	1112	4618	2196	10496	145.8	0.6	0.1	0.6	1.1	0.4	2.8	45.6	640.45	8.89	64.1
1,0-F,G	North West	28.0	30	LPG Cyc	Boiler/ Ufhp	Bungalow	London	0.300	0.300	0.300	2.75	0.60	1690	492	378	4426	1054	8039	287.1	0.759	0.218	0.196	1.240	0.280	2.8	101.3	798.10	28.50	163.3
1,0-F,G	North West	50.0	30	Oil	Tank	Oil Tank	London	0.300	0.300	0.900	2.75	0.60	2160	328	700	6449	2902	10539	210.8	0.573	0.110	0.410	5.203	0.808	7.0	68.6	728.10	13.24	80.9
1,0-F,G	North West	80.0	30	LPG Cyc	Boiler/ Ufhp	Bungalow	London	0.300	0.300	0.300	2.75	0.60	2320	492	405	7251	3417	13885	173.6	0.614	0.164	0.210	8.521	0.952	10.7	133.8	791.07	19.64	98.9
1,0-F,G	North West	30.0	30	LPG Cyc	Tank	Bulk LPG	London	0.300	0.300	0.600	2.75	0.60	2035	326	627	3487	1861	8336	277.9	0.538	0.086	0.332	4.092	0.748	5.8	193.9	633.10	15.46	277.9
1,0-F,G	North West	49.0	30	LPG Cyc	Ufh Tank (electric)	Bulk LPG	London	0.300	0.300	0.600	2.75	0.60	2370	326	710	2773	2854	10033	204.8	0.628	0.086	0.376	3.252	0.748	5.1	104.2	633.10	12.91	56.6
1,0-F,G	North West	81.0	30	LPG Cyc	Ufh Tank (electric)	Bulk LPG	London	0.300	0.300	0.600	2.75	0.60	2110	326	1348	4586	2187	10556	130.3	0.559	0.086	0.710	2.167	0.748	4.3	53.6	826.90	9.96	102.1
1,0-F,G	North West	81.0	30	LPG Cyc	Ufh Tank (electric)	Bulk LPG	London	0.300	0.300	0.600	2.75	0.60	2296	326	1256	4032	2190	10099	124.7	0.607	0.086	0.662	1.904	0.748	3.4	42.0	779.40	9.61	96.2
1,0-F,G	North West	29.0	30	LPG Cyc	Boiler/ Ufhp	Bungalow	London	0.300	0.300	0.700	2.75	0.60	1668	326	467	6581	1422	10444	363.3	0.536	0.086	0.247	2.890	0.497	4.2	144.8	911.30	23.42	168.8
1,0-F,G	North West	61.0	0	LPG Cyc	Boiler/ Ufhp	Bungalow	London	0.300	0.300	0.600	2.75	0.60	2320	326	918	5311	1922	10797	176.9	0.607	0.086	0.484	2.370	0.748	3.7	61.1	817.20	13.39	92.6

Cell #	POST-IMPROVEMENT: U-values (W/m2K) Wall	Roof	Floor	Glazing	inf. rate ach	Predicted energy consumption (kWh/yr) App.	Refrig.	Lighting	Space heating	Hot water	TOTAL	kWh/m2	Predicted CO2 emissions (tCO2/yr) App.	Refrig.	Lighting	Space heating	Hot water	TOTAL	tonCO2/m2	Predicted EPC rtg	Predicted fuel bill £/yr	£/m2	Space heating kWh/m2
1,0-F,G	0.300	0.300	0.600	2.75	0.60	2245	326	1112	1319	2196	7192	99.9	1.0	0.2	0.6	0.3	0.6	2.508	34.8	D(55)	507.10	7.05	18.25
1,0-F,G	0.300	0.300	0.300	2.75	0.60	1803	492	378	1098	1054	5043	180.1	0.740	0.218	0.196	0.206	0.300	1.831	65.5	D(55)	488.40	17.44	39.22
1,0-F,G	0.300	0.300	0.900	2.75	0.60	2264	328	793	676	2902	7068	138.8	1.165	0.170	0.410	0.182	0.808	2.735	49.4	D(55)	548.40	9.97	12.28
1,0-F,G	0.300	0.300	0.300	2.75	0.60	2271	492	405	485	1817	5470	68.4	1.0	0.2	0.3	0.2	0.5	2.128	53.5	D(55)	458.30	18.22	17.04
1,0-F,G	0.300	0.300	0.600	2.75	0.60	1972	326	627	556	1861	5343	137.0	0.8	0.1	0.1	0.1	0.5	1.902	49.9	D(55)	431.30	11.06	18.21
1,0-F,G	0.300	0.300	0.600	2.75	0.60	1962	326	710	410	2854	6278	128.1	0.8	0.2	0.4	0.1	0.8	2.260	46.2	D(55)	492.50	10.05	8.33
1,0-F,G	0.300	0.300	0.600	2.75	0.60	2084	326	1348	1525	2187	7473	90.0	1.0	0.2	0.7	0.4	0.5	2.832	33.8	D(55)	631.90	7.61	18.38
1,0-F,G	0.300	0.300	0.600	2.75	0.60	2073	326	1256	1569	2190	7414	94.4	1.1	0.2	0.6	0.4	0.5	2.815	34.8	D(55)	636.30	7.66	19.73
1,0-F,G	0.300	0.300	0.700	2.75	0.60	1627	326	467	2274	1422	5919	151.8	0.6	0.2	0.2	0.6	0.5	1.936	49.6	D(55)	549.30	14.08	18.30
1,0-F,G	0.300	0.300	0.600	2.75	0.60	2130	326	918	1567	1922	6883	112.8	1.0	0.2	0.5	0.4	0.5	2.556	41.5	D(55)	672.20	11.01	25.70

Cell #	RELATIVE SAVINGS: Pre v Post Predicted energy consumption (kWh/yr) App.	Refrig.	Lighting	Space heating	Hot water	TOTAL SAVING kWh Year	Total Saving kWh/m2	Pre v Post Predicted CO2 emissions (tCO2/yr) App.	Refrig.	Lighting	Space heating	Hot water	TOTAL	CO2 % saving	kgCO2 /m2	Predicted fuel bill £/yr	£/m2	Space heating kWh/m2	% saving space heating
1,0-F,G	21	0	0	2304	0	3326	46.3	0.0	0.0	0.0	0.3	0.0	0.8	24	10.2	132.80	1.84	45.9	72
1,0-F,G	77	0	0	2620	0	3567	127.4	0.0	0.0	0.0	0.5	0.0	1.0	25	15.8	309.70	11.06	126.1	79
1,0-F,G	55	0	0	2774	0	3829	68.6	0.0	0.0	0.0	5.0	0.0	1.0	28	19.9	179.90	3.27	68.6	85
1,0-F,G	29	0	0	2359	0	2589	32.7	0.0	0.0	0.0	3.5	0.0	0.6	27	19.3	216.30	4.43	58.7	77
1,0-F,G	33	0	0	2933	0	2965	76.0	0.0	0.0	0.0	0.7	0.0	0.7	28	18.9	171.80	4.43	75.2	85
1,0-F,G	19	0	0	1863	0	1880	38.4	0.0	0.0	0.0	0.5	0.0	0.5	19	9.9	110.70	2.26	38.0	85
1,0-F,G	29	0	0	1042	0	3092	37.3	0.0	0.0	0.0	0.6	0.0	0.9	24	10.4	195.00	2.35	36.9	67
1,0-F,G	23	0	0	2434	0	2417	30.3	0.0	0.0	0.0	0.6	0.0	0.6	18	7.5	142.10	1.79	30.0	65
1,0-F,G	41	0	0	4309	0	4350	111.5	0.0	0.0	0.0	1.1	0.0	1.1	26	27.6	364.00	9.33	110.5	65
1,0-F,G	35	0	0	1641	0	3659	27.2	0.0	0.0	0.0	0.7	0.0	0.5	15	7.6	168.80	2.21	26.9	71