BLOCK COMPLIANCE
Calculation Type: New Build (As Designed)

Design SAP
elmhurst energy

Block Reference	Block B HWHRS	**Issued on Date**	
Block Name	Residential Building B		
Assessor Details	Mr. Malcolm Maclean, SRE Limited, Tel: 01730 710044, malcolm@sre.co.uk	**Assessor ID**	V497-0002
Client	PMC , PMCC		

Block Compliance Report - DER

Block Reference: Block B HWHRS		Block Name: Residential Building B			
Property-Assessment Reference	**Multiplier**	**Floor Area (m^2)**	**DER ($kgCO_2/m^2$)**	**TER ($kgCO_2/m^2$)**	**% DER/TER**
B1.0.01-DF - CHP	1	81.2	21.01	24.86	15.49 %
B1.0.02-DF - CHP	1	39.1	20.03	29.17	31.33 %
B1.0.03-DF - CHP	1	53.7	21.79	27.13	19.69 %
B1.0.04-DF - CHP	1	70	20.39	24.14	15.52 %
B1.0.05-DF - CHP	1	61	22.49	26.87	16.30 %
B1.0.06-DF - CHP	1	73.5	23.74	28.23	15.91 %
B2.0.01-DF - CHP	1	81.2	21.01	24.86	15.49 %
B2.0.02-DF - CHP	1	39.1	20.03	29.17	31.33 %
B2.0.03-DF - CHP	1	54.6	24.28	29.56	17.87 %
B2.0.04-DF - CHP	1	61	23.57	27.57	14.52 %
B2.0.05-DF - CHP	1	53.2	22.48	27.26	17.53 %
B2.0.06-DF - CHP	1	52.2	22.03	27.28	19.23 %
B1.1.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
B1.1.02-DF - CHP	1	41.8	13.39	24.36	45.02 %
B1.1.03-DF - CHP	1	50	15.02	23.33	35.63 %
B1.1.04-DF - CHP	1	70	14.43	20.32	28.97 %
B1.1.05-DF - CHP	1	61	16.08	22.75	29.33 %
B1.1.06-DF - CHP	1	61	19.26	25.00	22.97 %
B1.1.07-DF - CHP	1	70.2	22.94	28.04	18.18 %
B2.1.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
B2.1.02-DF - CHP	1	41.8	13.39	24.36	45.02 %
B2.1.03-DF - CHP	1	50	18.77	26.90	30.22 %
B2.1.04-DF - CHP	1	61	16.44	23.31	29.48 %
B2.1.05-DF - CHP	1	53.2	16.02	23.07	30.57 %
B2.1.06-DF - CHP	1	55.6	17.88	23.81	24.92 %
B2.1.07-DF - CHP	1	70.2	20.84	26.32	20.81 %
B1.2.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
B1.2.02-DF - CHP	1	41.8	13.13	24.18	45.70 %
B1.2.03-DF - CHP	1	50	15.02	23.33	35.63 %
B1.2.04-DF - CHP	1	70	14.43	20.32	28.97 %
B1.2.05-DF - CHP	1	61	16.08	22.75	29.33 %
B1.2.06-DF - CHP	1	61	19.26	25.00	22.97 %
B1.2.07-DF - CHP	1	70.2	21.41	26.09	17.93 %
B2.2.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
B2.2.02-DF - CHP	1	41.8	13.13	24.18	45.70 %
B2.2.03-DF - CHP	1	50	18.77	26.90	30.22 %
B2.2.04-DF - CHP	1	61	16.44	23.31	29.48 %
B2.2.05-DF - CHP	1	53.2	16.02	23.07	30.57 %

B2.2.06-DF - CHP	1	55.6	16.81	23.12	27.29 %
B2.2.07-DF - CHP	1	70.2	19.62	24.55	20.07 %
B1.3.01-DF - CHP	1	81.2	20.15	24.98	19.34 %
B1.3.02-DF - CHP	1	41.8	18.84	28.51	33.91 %
B2.3.01-DF - CHP	1	81.2	20.15	24.98	19.34 %
B2.3.02-DF - CHP	1	41.8	18.84	28.51	33.91 %
B1.3.03-DF - CHP	1	50	15.02	23.33	35.63 %
B1.3.04-DF - CHP	1	70	14.43	20.32	28.97 %
B1.3.05-DF - CHP	1	61	16.08	22.75	29.33 %
B1.3.06-DF - CHP	1	61	19.26	25.00	22.97 %
B1.3.07-DF - CHP	1	70.2	21.41	26.09	17.93 %
B2.3.03-DF - CHP	1	50	18.77	26.90	30.22 %
B2.3.04-DF - CHP	1	61	15.99	22.96	30.35 %
B2.3.05-DF - CHP	1	53.2	16.02	23.07	30.57 %
B2.3.06-DF - CHP	1	55.6	16.81	23.12	27.29 %
B2.3.07-DF - CHP	1	70.2	19.62	24.55	20.07 %
B2.4.01-DF - CHP	1	50	19.28	27.31	29.41 %
B2.4.02-DF - CHP	1	61	16.42	23.30	29.52 %
B2.4.03-DF - CHP	1	53.2	16.02	23.07	30.57 %
B2.4.04-DF - CHP	1	55.6	16.81	23.12	27.29 %
B2.4.05-DF - CHP	1	70.2	20.70	25.44	18.62 %
B1.4.05-DF - CHP	1	70.2	22.54	27.02	16.58 %
B1.4.04-DF - CHP	1	61	19.26	25.00	22.97 %
B1.4.03-DF - CHP	1	61	16.08	22.75	29.33 %
B1.4.02-DF - CHP	1	70	15.11	20.67	26.91 %
B1.4.01-DF - CHP	1	50	15.63	23.83	34.40 %
B2.5.01-DF - CHP	1	50	19.28	27.31	29.41 %
B2.5.02-DF - CHP	1	61	16.42	23.30	29.52 %
B2.5.03-DF - CHP	1	53.2	16.02	23.07	30.57 %
B2.5.04-DF - CHP	1	55.6	16.81	23.12	27.29 %
B2.5.05-DF - CHP	1	70.2	20.72	25.46	18.61 %
B1.5.01-DF - CHP	1	50	23.17	29.45	21.32 %
B1.5.02-DF - CHP	1	70	21.27	25.29	15.88 %
B1.5.03-DF - CHP	1	61	22.63	27.72	18.37 %
B1.5.04-DF - CHP	1	61	25.44	31.04	18.05 %
B1.5.05-DF - CHP	1	70.2	23.14	34.55	33.02 %
B2.6.01-DF - CHP	1	50	19.28	27.31	29.41 %
B2.6.02-DF - CHP	1	61	16.42	23.30	29.52 %
B2.6.03-DF - CHP	1	53.2	16.02	23.07	30.57 %
B2.6.04-DF - CHP	1	55.6	16.81	23.12	27.29 %
B2.6.05-DF - CHP	1	70.2	20.72	25.46	18.61 %
B2.7.01-DF - CHP	1	50	27.35	33.37	18.03 %
B2.7.02-DF - CHP	1	61	23.07	28.33	18.56 %
B2.7.03-DF - CHP	1	53.2	20.63	28.09	26.56 %
B2.7.04-DF - CHP	1	55.6	24.22	28.80	15.90 %
B2.7.05-DF - CHP	1	70.2	22.74	32.91	30.91 %
Totals:	84	5048.8	1,564.67	2,116.34	

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Average DER = 18.70 $kgCO_2/m^2$	% DER/TER	PASS
Average TER = 25.05 $kgCO_2/m^2$	25.35 %	

Block Compliance Report - DFEE

Block Reference: Block B HWHRS		Block Name: Residential Building B			
Property-Assessment Reference	Multiplier	Floor Area (m^2)	DFEE ($kWh/m^2/yr$)	TFEE ($kWh/m^2/yr$)	% DFEE/TFEE
B1.0.01-DF - CHP	1	81.2	41.03	48.04	14.59 %
B1.0.02-DF - CHP	1	39.1	38.82	42.00	7.58 %
B1.0.03-DF - CHP	1	53.7	42.01	45.13	6.91 %
B1.0.04-DF - CHP	1	70	39.26	42.85	8.38 %
B1.0.05-DF - CHP	1	61	43.15	48.51	11.05 %
B1.0.06-DF - CHP	1	73.5	48.98	56.70	13.62 %
B2.0.01-DF - CHP	1	81.2	41.03	48.04	14.59 %
B2.0.02-DF - CHP	1	39.1	38.82	42.00	7.58 %
B2.0.03-DF - CHP	1	54.6	46.94	53.62	12.45 %
B2.0.04-DF - CHP	1	61	46.03	50.63	9.10 %
B2.0.05-DF - CHP	1	53.2	43.28	46.05	6.00 %
B2.0.06-DF - CHP	1	52.2	42.89	45.57	5.88 %
B1.1.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
B1.1.02-DF - CHP	1	41.8	24.84	27.98	11.21 %
B1.1.03-DF - CHP	1	50	28.98	31.04	6.63 %
B1.1.04-DF - CHP	1	70	27.06	30.14	10.21 %
B1.1.05-DF - CHP	1	61	30.31	34.77	12.84 %
B1.1.06-DF - CHP	1	61	38.08	42.31	10.00 %
B1.1.07-DF - CHP	1	70.2	48.88	55.78	12.37 %
B2.1.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
B2.1.02-DF - CHP	1	41.8	24.84	27.98	11.21 %
B2.1.03-DF - CHP	1	50	36.88	43.07	14.37 %
B2.1.04-DF - CHP	1	61	31.91	36.50	12.56 %
B2.1.05-DF - CHP	1	53.2	30.31	32.03	5.35 %
B2.1.06-DF - CHP	1	55.6	35.36	35.82	1.31 %
B2.1.07-DF - CHP	1	70.2	44.72	50.13	10.79 %
B1.2.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
B1.2.02-DF - CHP	1	41.8	24.24	27.37	11.44 %
B1.2.03-DF - CHP	1	50	28.98	31.04	6.63 %
B1.2.04-DF - CHP	1	70	27.06	30.14	10.21 %
B1.2.05-DF - CHP	1	61	30.31	34.77	12.84 %
B1.2.06-DF - CHP	1	61	38.08	42.31	10.00 %
B1.2.07-DF - CHP	1	70.2	42.98	49.32	12.85 %
B2.2.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
B2.2.02-DF - CHP	1	41.8	24.24	27.37	11.44 %
B2.2.03-DF - CHP	1	50	36.88	43.07	14.37 %
B2.2.04-DF - CHP	1	61	31.91	36.50	12.56 %
B2.2.05-DF - CHP	1	53.2	30.31	32.03	5.35 %
B2.2.06-DF - CHP	1	55.6	33.21	33.50	0.88 %
B2.2.07-DF - CHP	1	70.2	39.38	44.27	11.05 %

B1.3.01-DF - CHP	1	81.2	39.36	48.43	18.73 %
B1.3.02-DF - CHP	1	41.8	36.41	42.23	13.79 %
B2.3.01-DF - CHP	1	81.2	39.36	48.43	18.73 %
B2.3.02-DF - CHP	1	41.8	36.41	42.23	13.79 %
B1.3.03-DF - CHP	1	50	28.98	31.04	6.63 %
B1.3.04-DF - CHP	1	70	27.06	30.14	10.21 %
B1.3.05-DF - CHP	1	61	30.31	34.77	12.84 %
B1.3.06-DF - CHP	1	61	38.08	42.31	10.00 %
B1.3.07-DF - CHP	1	70.2	42.98	49.32	12.85 %
B2.3.03-DF - CHP	1	50	36.88	43.07	14.37 %
B2.3.04-DF - CHP	1	61	30.99	35.31	12.23 %
B2.3.05-DF - CHP	1	53.2	30.31	32.03	5.35 %
B2.3.06-DF - CHP	1	55.6	33.21	33.50	0.88 %
B2.3.07-DF - CHP	1	70.2	39.38	44.27	11.05 %
B2.4.01-DF - CHP	1	50	37.87	44.43	14.77 %
B2.4.02-DF - CHP	1	61	31.87	36.44	12.54 %
B2.4.03-DF - CHP	1	53.2	30.31	32.03	5.35 %
B2.4.04-DF - CHP	1	55.6	33.21	33.50	0.88 %
B2.4.05-DF - CHP	1	70.2	41.50	47.21	12.10 %
B1.4.05-DF - CHP	1	70.2	45.19	52.40	13.76 %
B1.4.04-DF - CHP	1	61	38.08	42.31	10.00 %
B1.4.03-DF - CHP	1	61	30.31	34.77	12.84 %
B1.4.02-DF - CHP	1	70	28.50	31.33	9.02 %
B1.4.01-DF - CHP	1	50	30.27	32.71	7.47 %
B2.5.01-DF - CHP	1	50	37.87	44.43	14.77 %
B2.5.02-DF - CHP	1	61	31.87	36.44	12.54 %
B2.5.03-DF - CHP	1	53.2	30.31	32.03	5.35 %
B2.5.04-DF - CHP	1	55.6	33.21	33.50	0.88 %
B2.5.05-DF - CHP	1	70.2	41.56	47.29	12.12 %
B1.5.01-DF - CHP	1	50	45.22	51.36	11.97 %
B1.5.02-DF - CHP	1	70	40.97	46.67	12.22 %
B1.5.03-DF - CHP	1	61	43.42	51.36	15.47 %
B1.5.04-DF - CHP	1	61	53.48	62.27	14.12 %
B1.5.05-DF - CHP	1	70.2	64.10	77.62	17.42 %
B2.6.01-DF - CHP	1	50	37.87	44.43	14.77 %
B2.6.02-DF - CHP	1	61	31.87	36.44	12.54 %
B2.6.03-DF - CHP	1	53.2	30.31	32.03	5.35 %
B2.6.04-DF - CHP	1	55.6	33.21	33.50	0.88 %
B2.6.05-DF - CHP	1	70.2	41.56	47.29	12.12 %
B2.7.01-DF - CHP	1	50	53.31	64.24	17.02 %
B2.7.02-DF - CHP	1	61	45.05	53.14	15.23 %
B2.7.03-DF - CHP	1	53.2	43.49	48.81	10.90 %
B2.7.04-DF - CHP	1	55.6	47.86	52.34	8.56 %
B2.7.05-DF - CHP	1	70.2	60.34	72.22	16.45 %
Totals:	84	5048.8	3,093.61	3,492.20	

Average DFEE = 37.10 kWh/m²/yr	**% DFEE/TFEE**	PASS
Average TFEE = 42.04 kWh/m²/yr	11.75 %	