BLOCK COMPLIANCE
Calculation Type: New Build (As Designed)

Design SAP
elmhurst energy

Block Reference	Block C HWHRS	**Issued on Date**	
Block Name	Residential Building C		
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 C HWHRS		Block Name: Residential Building C			
Property-Assessment Reference	**Multiplier**	**Floor Area (m^2)**	**DER ($kgCO_2/m^2$)**	**TER ($kgCO_2/m^2$)**	**% DER/TER**
C1.0.01-DF - CHP	1	81.2	21.01	24.86	15.49 %
C1.0.02-DF - CHP	1	39.1	20.03	29.17	31.33 %
C1.0.03-DF - CHP	1	53.7	21.79	27.13	19.69 %
C2.0.01-DF - CHP	1	81.2	21.01	24.86	15.49 %
C2.0.02-DF - CHP	1	39.1	20.03	29.17	31.33 %
C2.0.03-DF - CHP	1	54.6	24.28	29.56	17.87 %
C1.0.04-DF - CHP	1	61	21.26	25.53	16.72 %
C1.0.05-DF - CHP	1	70.6	22.25	26.36	15.60 %
C1.0.06-DF - CHP	1	47.8	22.57	30.71	26.52 %
C2.0.04-DF - CHP	1	77.4	21.57	25.37	14.99 %
C2.0.05-DF - CHP	1	75.8	20.45	24.23	15.60 %
C2.0.06-DF - CHP	1	73.5	23.20	26.24	11.57 %
C1.1.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
C1.1.02-DF - CHP	1	41.8	13.39	24.36	45.02 %
C1.1.03-DF - CHP	1	50	15.02	23.33	35.63 %
C1.1.07-DF - CHP	1	70.2	23.49	28.36	17.17 %
C2.1.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
C2.1.02-DF - CHP	1	41.8	13.39	24.36	45.02 %
C2.1.03-DF - CHP	1	50	17.28	25.76	32.91 %
C2.1.07-DF - CHP	1	70.2	20.97	26.39	20.53 %
C1.1.04-DF - CHP	1	61	15.14	21.55	29.74 %
C1.1.05-DF - CHP	1	70.6	15.71	22.20	29.22 %
C2.1.04-DF - CHP	1	77.4	14.43	21.15	31.78 %
C2.1.05-DF - CHP	1	75.8	14.05	20.20	30.45 %
C1.1.06-DF - CHP	1	51.2	18.78	26.26	28.49 %
C2.1.06-DF - CHP	1	61	15.71	22.05	28.75 %
C1.2.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
C1.2.02-DF - CHP	1	41.8	13.10	24.16	45.77 %
C1.2.03-DF - CHP	1	50	15.02	23.33	35.63 %
C1.2.07-DF - CHP	1	70.2	21.41	26.09	17.93 %
C2.2.01-DF - CHP	1	81.2	13.96	20.31	31.26 %
C2.2.02-DF - CHP	1	41.8	13.13	24.18	45.70 %
C2.2.03-DF - CHP	1	50	17.28	25.76	32.91 %
C2.2.07-DF - CHP	1	70.2	19.62	24.55	20.07 %
C1.2.04-DF - CHP	1	61	15.13	21.55	29.78 %
C1.2.05-DF - CHP	1	70.6	15.69	22.18	29.26 %
C1.2.06-DF - CHP	1	51.2	18.78	26.26	28.49 %
C2.2.04-DF - CHP	1	77.4	14.43	21.15	31.78 %

C2.2.05-DF - CHP	1	75.8	14.05	20.20	30.45 %
C2.2.06-DF - CHP	1	61	15.71	22.05	28.75 %
C1.3.01-DF - CHP	1	81.2	20.15	24.98	19.34 %
C1.3.02-DF - CHP	1	41.8	18.84	28.51	33.91 %
C1.3.03-DF - CHP	1	50	15.02	23.33	35.63 %
C1.3.07-DF - CHP	1	70.2	21.41	26.09	17.93 %
C2.3.01-DF - CHP	1	81.2	20.15	24.98	19.34 %
C2.3.02-DF - CHP	1	41.8	18.84	28.51	33.91 %
C2.3.03-DF - CHP	1	50	17.28	25.76	32.91 %
C2.3.07-DF - CHP	1	70.2	19.62	24.55	20.07 %
C1.3.04-DF - CHP	1	61	15.13	21.55	29.78 %
C1.3.05-DF - CHP	1	70.6	15.71	22.20	29.22 %
C1.3.06-DF - CHP	1	51.2	18.78	26.26	28.49 %
C2.3.04-DF - CHP	1	77.4	14.43	21.15	31.78 %
C2.3.05-DF - CHP	1	75.8	14.05	20.20	30.45 %
C2.3.06-DF - CHP	1	61	15.71	22.05	28.75 %
C1.4.01-DF - CHP	1	50	15.45	23.68	34.75 %
C1.4.02-DF - CHP	1	61	15.13	21.55	29.78 %
C1.4.03-DF - CHP	1	70.6	15.71	22.20	29.22 %
C1.4.04-DF - CHP	1	51.2	18.78	26.26	28.49 %
C1.4.05-DF - CHP	1	70.2	22.52	27.00	16.60 %
C2.4.01-DF - CHP	1	50	17.76	26.14	32.06 %
C2.4.02-DF - CHP	1	77.4	14.43	21.15	31.78 %
C2.4.03-DF - CHP	1	75.8	14.05	20.20	30.45 %
C2.4.04-DF - CHP	1	61	15.71	22.05	28.75 %
C2.4.05-DF - CHP	1	70.2	20.70	25.44	18.64 %
C2.5.01-DF - CHP	1	50	25.67	32.04	19.88 %
C2.5.02-DF - CHP	1	77.4	21.02	26.12	19.51 %
C2.5.03-DF - CHP	1	75.8	20.41	24.96	18.24 %
C2.5.04-DF - CHP	1	61	21.98	26.69	17.64 %
C2.5.05-DF - CHP	1	70.2	24.13	32.83	26.50 %
C1.5.01-DF - CHP	1	50	15.45	23.68	34.75 %
C1.5.02-DF - CHP	1	61	15.13	21.55	29.78 %
C1.5.03-DF - CHP	1	70.6	15.71	22.20	29.22 %
C1.5.04-DF - CHP	1	51.2	18.78	26.26	28.49 %
C1.5.05-DF - CHP	1	70.2	22.52	27.00	16.60 %
C1.6.01-DF - CHP	1	50	22.79	29.15	21.81 %
C1.6.02-DF - CHP	1	61	21.35	26.33	18.92 %
C1.6.03-DF - CHP	1	70.6	22.20	27.09	18.05 %
C1.6.04-DF - CHP	1	51.2	25.56	31.30	18.34 %
C1.6.05-DF - CHP	1	70.2	23.04	34.46	33.15 %
Totals:	79	4983	1,437.10	1,959.26	
Average DER = 18.20 $kgCO_2/m^2$		**% DER/TER**	PASS		
Average TER = 24.54 $kgCO_2/m^2$		25.84 %			

Block Compliance Report - DFEE

Block Reference: Block C HWHRS	**Block Name: Residential Building C**

BLOCK COMPLIANCE
Calculation Type: New Build (As Designed)

Design SAP
elmhurst energy

Property-Assessment Reference	Multiplier	Floor Area (m^2)	DFEE ($kWh/m^2/yr$)	TFEE ($kWh/m^2/yr$)	% DFEE/TFEE
C1.0.01-DF - CHP	1	81.2	41.03	48.04	14.59 %
C1.0.02-DF - CHP	1	39.1	38.82	42.00	7.58 %
C1.0.03-DF - CHP	1	53.7	42.01	45.13	6.91 %
C2.0.01-DF - CHP	1	81.2	41.03	48.04	14.59 %
C2.0.02-DF - CHP	1	39.1	38.82	42.00	7.58 %
C2.0.03-DF - CHP	1	54.6	46.94	53.62	12.45 %
C1.0.04-DF - CHP	1	61	41.25	44.12	6.51 %
C1.0.05-DF - CHP	1	70.6	43.53	50.36	13.55 %
C1.0.06-DF - CHP	1	47.8	47.51	54.22	12.39 %
C2.0.04-DF - CHP	1	77.4	42.78	48.63	12.02 %
C2.0.05-DF - CHP	1	75.8	40.35	44.74	9.80 %
C2.0.06-DF - CHP	1	73.5	45.36	50.23	9.68 %
C1.1.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
C1.1.02-DF - CHP	1	41.8	24.84	27.98	11.21 %
C1.1.03-DF - CHP	1	50	28.98	31.04	6.63 %
C1.1.07-DF - CHP	1	70.2	49.97	56.84	12.09 %
C2.1.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
C2.1.02-DF - CHP	1	41.8	24.84	27.98	11.21 %
C2.1.03-DF - CHP	1	50	33.97	39.32	13.60 %
C2.1.07-DF - CHP	1	70.2	44.96	50.37	10.73 %
C1.1.04-DF - CHP	1	61	28.81	30.80	6.47 %
C1.1.05-DF - CHP	1	70.6	30.55	36.61	16.54 %
C2.1.04-DF - CHP	1	77.4	28.61	34.69	17.51 %
C2.1.05-DF - CHP	1	75.8	27.44	31.45	12.75 %
C1.1.06-DF - CHP	1	51.2	37.02	41.66	11.16 %
C2.1.06-DF - CHP	1	61	30.46	32.44	6.09 %
C1.2.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
C1.2.02-DF - CHP	1	41.8	24.16	27.27	11.41 %
C1.2.03-DF - CHP	1	50	28.98	31.04	6.63 %
C1.2.07-DF - CHP	1	70.2	42.98	49.32	12.85 %
C2.2.01-DF - CHP	1	81.2	26.98	33.04	18.36 %
C2.2.02-DF - CHP	1	41.8	24.24	27.37	11.44 %
C2.2.03-DF - CHP	1	50	33.97	39.32	13.60 %
C2.2.07-DF - CHP	1	70.2	39.38	44.27	11.05 %
C1.2.04-DF - CHP	1	61	28.80	30.79	6.46 %
C1.2.05-DF - CHP	1	70.6	30.51	36.55	16.53 %
C1.2.06-DF - CHP	1	51.2	37.02	41.66	11.16 %
C2.2.04-DF - CHP	1	77.4	28.61	34.69	17.51 %
C2.2.05-DF - CHP	1	75.8	27.44	31.45	12.75 %
C2.2.06-DF - CHP	1	61	30.46	32.44	6.09 %
C1.3.01-DF - CHP	1	81.2	39.36	48.43	18.73 %
C1.3.02-DF - CHP	1	41.8	36.41	42.23	13.79 %
C1.3.03-DF - CHP	1	50	28.98	31.04	6.63 %
C1.3.07-DF - CHP	1	70.2	42.98	49.32	12.85 %
C2.3.01-DF - CHP	1	81.2	39.36	48.43	18.73 %

C2.3.02-DF - CHP	1	41.8	36.41	42.23	13.79 %
C2.3.03-DF - CHP	1	50	33.97	39.32	13.60 %
C2.3.07-DF - CHP	1	70.2	39.38	44.27	11.05 %
C1.3.04-DF - CHP	1	61	28.80	30.79	6.46 %
C1.3.05-DF - CHP	1	70.6	30.55	36.61	16.54 %
C1.3.06-DF - CHP	1	51.2	37.02	41.66	11.16 %
C2.3.04-DF - CHP	1	77.4	28.61	34.69	17.51 %
C2.3.05-DF - CHP	1	75.8	27.44	31.45	12.75 %
C2.3.06-DF - CHP	1	61	30.46	32.44	6.09 %
C1.4.01-DF - CHP	1	50	29.88	32.20	7.22 %
C1.4.02-DF - CHP	1	61	28.80	30.79	6.46 %
C1.4.03-DF - CHP	1	70.6	30.55	36.61	16.54 %
C1.4.04-DF - CHP	1	51.2	37.02	41.66	11.16 %
C1.4.05-DF - CHP	1	70.2	45.15	52.35	13.75 %
C2.4.01-DF - CHP	1	50	34.92	40.59	13.98 %
C2.4.02-DF - CHP	1	77.4	28.61	34.69	17.51 %
C2.4.03-DF - CHP	1	75.8	27.44	31.45	12.75 %
C2.4.04-DF - CHP	1	61	30.46	32.44	6.09 %
C2.4.05-DF - CHP	1	70.2	41.52	47.23	12.10 %
C2.5.01-DF - CHP	1	50	50.09	59.89	16.36 %
C2.5.02-DF - CHP	1	77.4	41.69	51.08	18.38 %
C2.5.03-DF - CHP	1	75.8	40.29	47.15	14.56 %
C2.5.04-DF - CHP	1	61	43.01	47.88	10.17 %
C2.5.05-DF - CHP	1	70.2	60.14	71.94	16.40 %
C1.5.01-DF - CHP	1	50	29.88	32.20	7.22 %
C1.5.02-DF - CHP	1	61	28.80	30.79	6.46 %
C1.5.03-DF - CHP	1	70.6	30.55	36.61	16.54 %
C1.5.04-DF - CHP	1	51.2	37.02	41.66	11.16 %
C1.5.05-DF - CHP	1	70.2	45.15	52.35	13.75 %
C1.6.01-DF - CHP	1	50	44.49	50.38	11.69 %
C1.6.02-DF - CHP	1	61	41.42	46.79	11.48 %
C1.6.03-DF - CHP	1	70.6	43.44	52.76	17.66 %
C1.6.04-DF - CHP	1	51.2	49.96	58.10	14.00 %
C1.6.05-DF - CHP	1	70.2	63.89	77.34	17.39 %
Totals:	79	4983	2,848.25	3,260.47	

Average DFEE = 36.16 kWh/m²/yr	**% DFEE/TFEE**	PASS
Average TFEE = 41.58 kWh/m²/yr	13.04 %	