

Heat Loss Calculations (EN12831)				
Project REF: Ashley SN10				
Room Name	Design Temp (°C)	Power (W/m ²)	Area (m ²)	Power (W)
Living Room	21	40	49.88	1982
En-Suite	22	60	7.32	441
Bedroom 2	18	15	12.67	191
Hall 2	18	14	13.44	187
Bedroom 1	18	22	18.58	403
Bedroom 3	18	13	9.51	124
Hall 2 Cupboard	16	8	0.73	6
Bathroom (Ground Floor)	22	56	5.94	330
Utility Room	18	22	12.93	282
Hallway Cupboard	16	9	1.16	11
Shower Room/WC	22	72	3.01	217
Study	21	23	13.27	300
Porch	18	102	2.68	273
Hall 1	18	11	13.22	139

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Room Name	Design Temp (°C)	Power (W/m ²)	Area (m ²)	Power (W)
Dining Room	21	26	19.72	505
Rear Hall/Stairwell	18	18	13.04	237
Kitchen	18	31	32.37	1012
Bedroom 5	18	18	13.71	240
Landing 2/Stairwell	18	15	3.33	51
Bedroom 6	18	15	21.28	313
Bedroom 5/6 Cupboards	16	13	1.65	22
Gym/Spare Room	18	14	28.09	406
Landing 1	18	12	4.84	59
Bathroom (1st Floor)	22	50	9.3	462
Bedroom 4	18	17	26.17	446
Totals			337.84	8639