



| Heat Loss Calculations (EN12831) |                  |                           |                        |           |
|----------------------------------|------------------|---------------------------|------------------------|-----------|
| Project REF: RP                  |                  |                           |                        |           |
| Room Name                        | Design Temp (°C) | Power (W/m <sup>2</sup> ) | Area (m <sup>2</sup> ) | Power (W) |
| Llvingroom                       | 21               | 92                        | 18.52                  | 1703      |
| Bed 1                            | 18               | 70                        | 9.55                   | 664       |
| Kitchen                          | 18               | 76                        | 8.96                   | 681       |
| Bathoom                          | 22               | 123                       | 8.43                   | 1040      |
| Utility                          | 18               | 60                        | 15.36                  | 918       |
| Bed 4                            | 18               | 69                        | 13.55                  | 933       |
| Bed 3                            | 18               | 44                        | 8.40                   | 366       |
| bed 2                            | 18               | 56                        | 11.20                  | 622       |
| Hall                             | 18               | 64                        | 17.47                  | 1123      |
| cloakroom                        | 18               | 73                        | 3.11                   | 226       |
| Totals                           |                  |                           | 114.55                 | 8276      |