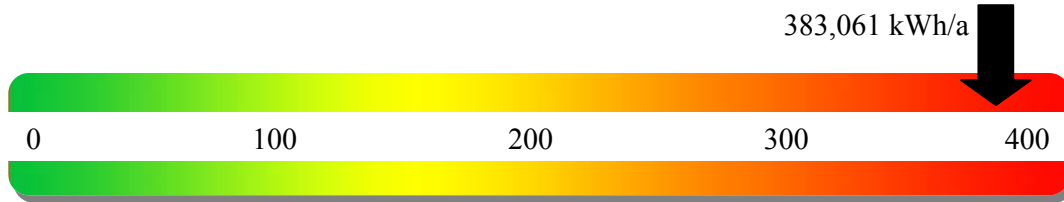



### Building Energy Performance – Existing Building:




 Space Heating: Final: 341,390 kWh/a

 Domestic Hot Water: Final: 28,513 kWh/a

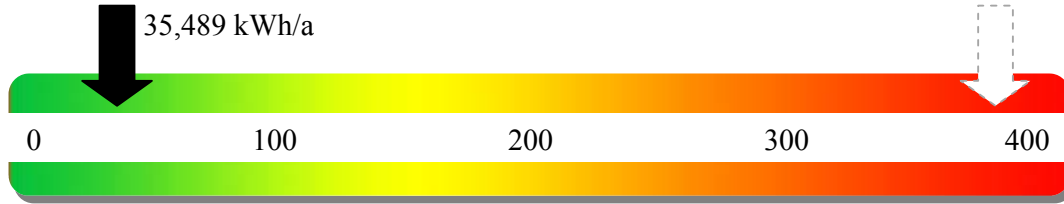
 Lighting: Final: 13,159 kWh/a

 **Total Energy Demand: Final: 383,061 kWh/a**

 Annual CO<sub>2</sub> Emission: 103,779 kg/a  
Annual NO<sub>x</sub> Emission: 7.51 kg/a  
Annual SO<sub>2</sub> Emission: 9.18 kg/a  
Annual CO Emission: 3.55 kg/a  
Annual C<sub>x</sub>H<sub>y</sub> Emission: 51.55 kg/a



## Building Energy Performance – Combined Measures 1 - 8:



### Measure:

Please see the details of the proposed complete measures 1 – 8 below.

### Effect:



Space Heating:

Final:

24,603 kWh/a



Domestic Hot Water:

Final:

4,685 kWh/a



Lighting:

Final:

3,509 kWh/a



**Total Energy Demand:**

**Final:**

**35,489 kWh/a**



Annual CO<sub>2</sub> Emission:

64,724 kg/a

Annual NO<sub>x</sub> Emission:

37.35 kg/a

Annual SO<sub>2</sub> Emission:

45.65 kg/a

Annual CO Emission:

17.63 kg/a

Annual C<sub>x</sub>H<sub>y</sub> Emission:

256.23 kg/a

### Savings:



Reduction in Final Energy Demand:

**90.81 %**

