

138-144 and 145-148 Friar Street: TB+A supplementary information in relation to
EE2 Baseline energy demand

General comments:

RBC SPD section 3.4 ask for

- a) Baseline annual predicted energy demand of the development (regulated and unregulated);
- b) Baseline annual predicted carbon emissions of the development (regulated and unregulated), the Target Emission Rate (TER);

In our energy and BREEAM statements we had interpreted “demand” as consumption and provided baseline consumption figures in Appendix B and C, respectively. In our understanding, a distinction between demand and consumption can only be made in relation to space heating and DHW (two out of five regulated end uses), where demand is related to consumption via the efficiency of the heat generator. For all other regulated and unregulated end uses energy demand equals consumption.

In the absence of clarification on how the demand figures are to be determined, we have determined the space heating and DHW demand and added that to the remaining regulated and unregulated end use consumption figures in the table below.

Building		Consumption in MWh	Demand in MWh
138-144 Friar Street		3,146.0	3,025.8
145-148 Friar Street	New build	248.7	237.2
	Refurb/extensions	553.9	529.4