

DesignBuilder 2-Day SBEM Training Course

The DesignBuilder 2-day SBEM course is suitable for energy assessors wishing to use the DesignBuilder SBEM software to generate and lodge EPCs in UK and BERs in Ireland and/or carry out Part-L building regulation compliance checks (Section 6 in Scotland). No previous experience of the software is required and you do not need to have purchased the software previously to participate in the course as 60-day training licenses can be provided if necessary.

The training is structured to provide plenty of opportunity to practice using the software by following guided examples for each aspect of the modelling and calculation process. By the end of the course, participants will have all the information required to successfully use the software. We recommend a period of 2 weeks practice following the course before taking the exam and, as part of the package, trainees are offered mentoring over this period to help get up to speed.

Candidates passing our exam will have fulfilled the software part of the accreditation scheme requirement to become an accredited DesignBuilder Energy Assessor.

The following specific topics are covered over the 2 days:

- Key features of SBEM.
- DesignBuilder SBEM user interface.
- Enter building geometry either from scratch or from DXF, or other floor plan data, making best use of the powerful DesignBuilder productivity features including blocks, drawing tools and data inheritance.
- Zoning the building by adding internal partitions using the correct NCM zoning process.
- Data inheritance at block, zone and surface level.
- Assigning activities to zones.
- SBEM definitions and conventions.
- The construction, glazing, lighting and HVAC data required for SBEM calculations and how to define and select these in DesignBuilder.
- Low or zero carbon energy sources.
- Visualising the building.
- Producing EPC and BER and reports.
- Amending the recommendations.
- Recommendations report.
- Secondary recommendation reports.