

## Building components

A building is an organic system, whose performance depends on energy flows. With correct, well considered and expert creative design of its individual elements and by taking into account their interaction, energy consumption can be significantly reduced during the whole life-time of a building. A parallel step in the planning process is design of a whole building, its components and support systems, which besides securing efficient use of energy creates also suitable and satisfactory living and working conditions. Green procurement in the building sector combines energy- and environmental aspects with well-being of occupants.

Figure 1: Example of an average energy balance for a typical single-family house

(Source: BCEI ZRMK)

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