

What is PUE (Power Usage Effectiveness)?

PuE – Power Usage Effectiveness is a term which often appears in relation to data centers. The PuE value is calculated by comparing the actual energy demand of a data center with the energy consumption of the IT infrastructure.

PUE = Data center energy demand / IT infrastructure energy demand

The theoretical best value of **1** would mean that all the energy consumed goes into the computing power of the data center.

In Germany, the average PuE value is around **1.8**.