

The Energy Efficiency Act: Let us help you make your data centre climate-neutral



New requirements for data centre operators

The new Energy Efficiency Act requires data centres to be more energy-efficient and to utilise waste heat. As a result, operators will be required to implement a range of short-term and long-term measures. Data centres with a non-redundant rated connected load of 300 kW or more are required to report their energy consumption figures to the Federal Office for Economic Affairs and Export Control (BAFA). This information can also be published in the form of an energy efficiency register. It includes:

- Energy consumption
- Efficiency measures
- Energy saving targets
- Results of energy audits
- Use of electricity from renewable energies
- Power Usage Effectiveness (PUE value, which should not exceed 1.2 in future)
- Information about waste heat generated and proportion of waste heat used
- Establishment of an energy or environmental management system

To meet these requirements, companies need state-of-the-art hardware, energy-efficient cooling systems and AI to optimise their server workloads. Rittal can support you with this. We can assist with planning new systems and the modernisation of existing infrastructures. As a solutions-driven IT partner, we are at your side whenever and wherever you need us.



The Norwegian Lefdal Mine Datacenter from Rittal has a guaranteed PUE value of 1.15.

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Your benefits:



- Assured functionality of your physical IT infrastructure system comprised of a rack, power, cooling, monitoring and security
- End-to-end support for individual data centre modules at every phase of the process
- Reliable backup with professional life cycle management
- Highly qualified service technicians and infrastructure specialists
- Solid expert knowledge with manufacturer expertise
- Web-based and automated service processes
- IT check for individual optimisation and modernisation options

A comprehensive product portfolio to meet the most demanding IT scenarios. Reliable and sustainable.



We empower IT

- Globally standardised, preconfigured IT infrastructure solutions with all relevant OT components
- Rapid availability

Rittal's modular data centre designs enable efficient scaling and use of resources, and can therefore make a major contribution towards optimising the energy efficiency of your data centres. The German Government offers financial support for these types of measures. We will be happy to review your individual funding options.



Get in touch here!

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