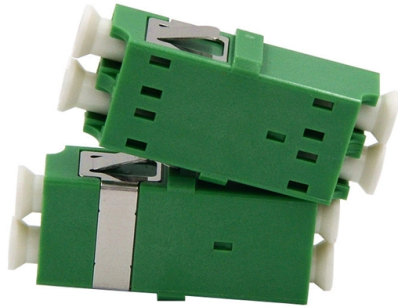


Energy Data Center Policy



Overview

This Best Practice document for the European Code of Conduct for Energy Efficiency in Data Centres is a reference document to assist data centre operators in identifying and implementing measures to improve the energy efficiency of their data centres. As digitalisation accelerates, data centres are a vital and quickly growing infrastructure across Europe and the world, supporting our ever-growing use of cloud services and storage, AI, streaming services and more. However, their rapidly increasing energy demand is a challenge. They also have a. This document is a publication by the Joint Research Centre (JRC), the European Commission's science and knowledge service. With newly enforced regulations and sustainability reporting mandates under the revised Energy Efficiency Directive (EED), the EU is becoming the first major economic bloc to regulate data center. As data centers are projected to account for more than 3% of the European Union's (EU) total electricity demand by 2030, the EU is developing a sustainability rating scheme for data centers under the recently revised Energy Efficiency Directive.



Article Content

Data Center State Policies, 2026

Data Center State Policies, 2026 Mitigating the Impacts of Data Centers on the Environment, Communities, and Affordability

Data center requirements under the new German

German Parliament passes Energy Efficiency Act (EnEfG). One of the main emphases of

World Bank Document

Data infrastructure such as data centers and cloud solutions are essential for modern societies, but they are also highly energy

State Data Center Policy 101: 2026 Legislative Guide

Track state data center legislation in 2026. MultiState covers energy, water, zoning, and tax

EU Energy Efficiency Directive and its impact on Data Centres

By focusing on data center energy efficiency, organizations can meet regulatory requirements, reduce operational

Strategic Federal Actions Aim to Strengthen AI and Energy ...

Rapid data center growth to support artificial intelligence is reshaping U.S. energy policy. Data centers are projected

Energy Efficiency in Data Centers | Department of Energy

Energy Efficiency in Data Centers The Federal Energy Management Program (FEMP) encourages agencies and organizations to

Data Centers and Their Energy Consumption: Frequently Asked

What are some additional data center cooling strategies? What are some potential concerns about water consumption

Green cloud and green data centres

The Commission is exploring measures to improve the energy efficiency and circular

The EU Code of Conduct for Data Centres – towards

The European Commission has also linked energy efficiency in data centres to policy and

EU Energy Efficiency Directive and its impact on Data Centres

Reduced Energy Costs: Data centres can lower their operational expenses by implementing Energy Efficiency

Datacenter power and energy management: past, present, and future

His research interests include data center power and energy management, sustainable computing, and computer architecture.

EU plans energy standards for data centres amid concerns over

The European Union will develop minimum energy-efficiency standards for data centres, it said on Wednesday, as

Commission adopts EU-wide scheme for rating

The Commission has adopted a new delegated regulation on the first phase for establishing

Data centre electricity use surged in 2025, even with tightening ...

New IEA report explores AI's growing energy footprint, options for meeting data centre power demand, and impacts

Climate Neutral Data Centre Pact

Over 100 data centre operators and trade associations are committed to the European Green Deal, achieving the ambitious

From EU Framework to National Action: How Germany

By doing so, Germany addresses the regulatory gap left by the EED and exemplifies a case

How EU Data Center Sustainability Rules Are Shaping the Future

The EU is leading the way in data center sustainability with new emissions regulations under the Energy Efficiency

Data centres and energy consumption: evolving EU regulatory

The European Commission ("EC") will be putting forward a Data Centre Energy Efficiency Package in Q1 2026 -

Data Centers, AI and Energy Confluences: Expected

Policy changes related to AI will extend to cybersecurity and data privacy, as well. Increased divergence

State Data Center Legislation in 2026 Tackles Energy

In 2026, more than 300 state data center legislation bills have been filed across 30+ states in just six

2025 Best Practice Guidelines for the EU Code of Conduct on Data

This Best Practice document for the European Code of Conduct for Energy Efficiency in Data Centres is a reference document to

Data center policies in the EU

Understand the EU's revised Energy Efficiency Directive for data centers, including reporting requirements and heat recovery

Empowering Efficiency: A Policy Perspective on Data Centres

"We support stronger policies and actions towards the goal of putting the world on track to achieving a doubling of the global average

State Data Center Laws vs. Federal AI Push: 2026 Tracker

27 states are advancing data center bills on energy costs and moratoriums, pushing back

The EU's Energy Efficiency Directive and Its Impact on Datacenters

The European Commission to assess, by May 15, 2025, the data and report to the EU Parliament and Council, potentially proposing

EU Data Center Regulations 2026: PUE, Reporting & Compliance Guide

March 11, 2026 EU Data Center Regulations 2026: What Operators Need to Know EED reporting, Germany's PUE 1.2 law, GDPR

Energy performance of data centres

To measure the energy consumption and the environmental and climate impact of EU data centres, greater

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