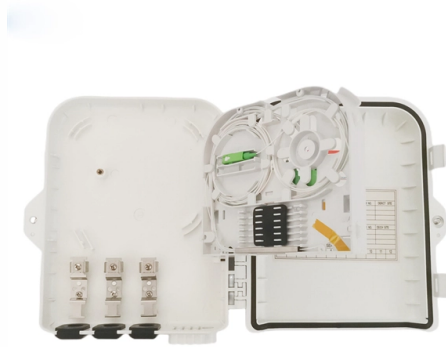


# Data Center Energy Rating Classification



## Overview

The European Commission's Second Technical Report ("Assessment of next steps to promote the energy performance and sustainability of data centres in the EU", 2025) lays out a practical, evidence-based pathway to a harmonised EU rating scheme, minimum performance standards. The European Commission's Second Technical Report ("Assessment of next steps to promote the energy performance and sustainability of data centres in the EU", 2025) lays out a practical, evidence-based pathway to a harmonised EU rating scheme, minimum performance standards. The European Commission has published a draft regulation shaping a common EU-wide rating scheme for data centres in the EU. It invites the public to provide feedback on the document over the next 4 weeks. However, the 4E TCP is more than a forum for sharing information: it pools resources and expertise on a wide a range of projects designed to meet the polic needs of participating governments. Members of 4E find this an efficient use of scarce funds, which. DIGITALEUROPE's vision for the EU's sustainability rating scheme for data centres aims to balance transparency with operational realities whilst driving meaningful environmental improvements across the sector. Building on the Energy Efficiency Directive's (EED) reporting framework,<sup>1</sup> we propose a. The CEN/CENELEC/ETSI Coordination Group on Green Data Centres (CEN/CLC/ETSI CG-GDC) is a joint activity of the three ESOs which comprises representatives of the ESOs together with stakeholders of industry and EU projects.

## Article Content

### Data Center Tiers Explained: From Tier 1 to Tier 4

Our latest post dives into data center tier classification and helps choose a facility that aligns with your company's budget and performance needs.

### ENERGY STAR

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

### EU Sustainable Data Center Rating: What It Means for

Explore EU sustainable data center rating scheme and how it drives energy efficiency, transparency, compliance across digital infrastructure.

### Proposal for the draft EU sustainability rating scheme for

Building on the Energy Efficiency Directive's (EED) reporting framework,<sup>1</sup> we propose a rating scheme incorporating both building

### Rating scheme for data centres in the EU – Commission

The European Commission has published a draft regulation shaping a common EU-wide rating scheme for data centres in the EU. It invites the public

### What are Data Center Tiers? How Are They Classified?

Data center tier rating is a standardized classification method employed in the industry to assess the reliability, quality, and performance of data centers. The

### Energy performance of data centres

It will contain an assessment of the data submitted under the reporting scheme for data centres, introduce a rating scheme for data centres in Europe,

### From Informative to Normative: How Important Are Data

A data center that protects against nearly all physical events to maintain availability, including those in the first three rating classifications. It offers

### How To Evaluate Data Center Redundancy

Data Center Redundancy: A Guide to N-Levels and Tier Classifications To assess data center redundancy, ask detailed questions about backup systems

### Data Center Rating Infrastructure Rating Development

EPA released a 1-to-100 energy performance rating for data centers in Portfolio Manager on June 7, 2010. The questions below are designed to help data center owners and operators better understand

## Green Data Center Certification: Understanding and

Green data centers are designed and operated with a focus on reducing environmental impact and improving energy efficiency.

## New Data Centre Sustainability Reporting Obligations Introduced

As one of its initial steps towards benchmarking the sustainability of data centres, the European Commission has adopted a new regulation establishing an EU-wide reporting scheme to

## Energy performance of data centres

As part of the new impetus for the energy efficiency, the Commission is preparing a Data Centre Energy Efficiency Package. It will contain an

## Complete Guide to Data Center PUE | Energy Efficiency Explained

Learn how to calculate and improve your data center's Power Usage Effectiveness (PUE). Comprehensive guide with best practices, industry standards, and optimization strategies.

## Commission adopts EU-wide scheme for rating

The Commission has adopted a new delegated regulation on the first phase for establishing an EU-wide scheme to rate the sustainability of EU data

## What EU New Data Centre Rating Scheme Means for

A common EU new data centre rating scheme. A multi-criteria label that assesses energy efficiency, renewable sourcing, heat reuse, water use,

## How to calculate data center cooling requirements

How to calculate data center cooling requirements Data center cooling requirements are affected by several factors, including the equipment's heat output, floor area, facility design and

## Executive summary and purpose of this document

Therefore, until robust, standardised, and adaptable metrics are developed to address these challenges, IT equipment energy efficiency metrics should not yet be mandated in data centre sustainability

## A comprehensive analysis of green building rating systems for data

Although GBRs have been the subject of many studies for various building types, there has been few studies for DCs. This is the first study to comprehensively analyze GBRs for DCs.

## The Multiple Ways to Classify Modern Data Centers

Not all data centers are created equal – from reliability tiers to sustainability ratings, understanding these classifications is crucial for optimizing

### Best Practices Guide for Energy-Efficient Data Center Design

This guide provides an overview of best practices for energy-efficient data center design which spans the categories of information technology (IT) systems and their environmental conditions, data center

### Energy Management and Environmental Viability of Data Centres

It summarises the current standardisation landscape and references the relevant standards, both published and in preparation, in relation to data centres energy management within three ESOs.

### Mixed-signal and digital signal processing ICs | Analog

Learn about ADI's extensive power solutions for 48V and 12V systems, portfolio from 2A to 2000A, and data center power delivering maximum efficiency in minimal

### Data Center Standards: Guidelines for Operational

Uncover the critical data center standards that guide the design, construction, and operation of facilities for optimal performance and security.

### Data Center Energy Efficiency: Best Practices Design

Maximize data center energy efficiency with top practices! Learn about PUE, DCiE, optimized cooling, modular designs, and renewable energy solutions.

### Data Centre Energy Efficiency Labels

Data centre energy performance may change with time so the label rating needs to be reviewed periodically and the label needs to show the year of the most recent assessment.

## Contact Us

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