

# UAE New Energy Data Center Regulations



## Overview

At the start of 2024, the Dubai Electricity and Water Authority (DEWA) launched the D33 Industry-Friendly Power Policy, enabling manufacturing, agritech, and data centres to build larger solar systems than permitted under the Shams regulation (capped at 1. Emerging as major power consumers in the United Arab Emirates, data centres in the United Arab Emirates will double their power consumption to over 6 TWh by 2030, but regulatory barriers prevent operators from directly financing new clean energy projects needed to meet climate targets, Wood. Barakah nuclear power plant reached full 5.6 gigawatt capacity in 2024, supplying according to my calculations, roughly 25% of UAE electricity. Yet it cannot ramp quickly enough when server farms spike demand. The Mohammed bin Rashid Solar Park hit 3,860 megawatts yet contributes nothing after. The Abu Dhabi Energy Sector is governed by the following Laws: Law No. 11 as including all activities, businesses. The UAE National Team for Reviewing the Impact of Data Centers on the Energy Sector recently held its first meeting at the Dubai headquarters of the Ministry of Energy and Infrastructure (MoEI) to explore the development of data centers in the UAE and their influence on the local energy sector. The United Arab Emirates is racing to become the Middle East's AI and digital infrastructure leader.



## Article Content

### Data center

Utah Data Center (2013) A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems.

Meed | UAE data centre policy highlights AI-energy nexus

The UAE Ministry of Energy & Infrastructure (MoEI)-attached entity was formed to assess the impact of data centres on the domestic energy sector and to work on developing a federal policy

The UAE's Data Center Boom: A Golden Opportunity in

Tax Incentives and Regulatory Support: The UAE's free trade zones (e.g., Dubai Multi Commodities Centre) offer tax exemptions for up to 50 years,

Data Center Regulation Trends to Watch in 2025

Data Center Regulation Trends to Watch in 2025 Discover how upcoming regulations impact data center operators, from new compliance rules to

### Laws and Regulations

Monitoring and supervising the Energy Sector as per the related legislations, agreements, and treaties applicable locally and internationally in the Sector, and in coordination with the concerned entities

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Google's data center power playbook comes into focus

Google has long procured clean power for its operations and data centers, but recent deals show the company is changing tactics.

### Business Standard

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Military Daily News | Military

Daily U.S. military news updates including military gear and equipment, breaking news, international news and more.

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

UAE Data Center Capacity to Surge 165% by 2028

Capacity growth: UAE data center capacity will grow 165% to 950 MW by 2028, led by Khazna and major projects like G42-Stargate. Energy demand: Power use will more than double

UAE's Digital Push Sparks Gas Debate as Data Centres

The United Arab Emirates is racing to become the Middle East's AI and digital infrastructure leader. But the data centers boom fueling this ambition is

Aurora adopts strict new regulations on data centers

The city of Aurora's new data center regulations set standards around energy and water use plus noise and other emissions.

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California Legislature passes two watered-down bills to regulate data ...

Of four data center bills in play, two never made it out of the Legislature, including one that would have required data centers to publicize their power use and another that would have provided incentives

Florida Data Center Regulations: Gov. DeSantis Signs SB 484

The “Pay-to-Play” Model for Large-Scale Energy A central pillar of the new Florida data center regulations is the mandate that growth must pay its own way. Under SB 484, data centers

Mega clean energy projects to boost AI and data centre

Mega renewable energy projects in the UAE are envisaged to drive the growth of the artificial intelligence and data centre in the UAE, a senior

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How Sustainable Power and Cooling is Essential for the

With energy consumption closely tied to carbon emissions, data centre sustainability is under scrutiny unless renewable energy sources and energy

UAE government focuses on impact of data centers on

Given the oncoming growth in datacenter market in the UAE, the UAE National team meeting, highlighted the challenges facing data centers and ways

Gas Turbines Power UAE Data Centers Despite

If battery storage costs decline faster than projected and renewable additions accelerate, UAE transitions data center infrastructure toward fuller

Federal Register

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Europe Data Center Cooling Market Report 2025-2035,

The Europe data center cooling market is expected to surge from \$6.76 billion in 2024 to \$20.55 billion by 2035, at a 10.18% CAGR. Key drivers

UAE data centre power demand to double by 2030 as regulatory gaps ...

Despite the UAE's commitment to net zero emissions by 2050 and scaling clean energy to nearly one-third of power demand by 2030, regulations prevent data centre operators from signing

## Contact Us

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