

Implementation of the requirements of the Energy Efficiency Directive (EED)

INFORMATION TRANSMISSION AND DISCLOSURE (EED ARTICLE 12)

- EED provisions for **transmission of required information to the public authorities and minimum public disclosure** ([article L. 236-1 of the *Code de l'Énergie* and other articles](#)) ;

- ☐ Exemption for the army and civil protection
- ☐ Application **threshold of 500kW IT** is assessed **at the level of the facility and its business establishment identification number** (D. 236-1)
- ☐ Obligation applies to any stakeholder operating inside the datacenter : **the operator has** to establish a system for collecting data and to ensure monitoring. If certain equipment is managed by a third party, that third party is also responsible, ensuring **shared responsibility** (D. 236-4), not only to the datacenter operator.
- ☐ Requirement to collect / provide the data on the EU platform and **make information publicly available** (D. 236-3) on the datacenter operator's website
- ☐ Procedure to **publish the content on datacenter operator website and possibility to harmonize format of data to publish : minimum information** (upcoming label information, certification, involvement on the EU CoC, total building area)
- ☐ **Public register indicating where the information can be found online** : to be implemented by the end of the year by the French agency for ecological transition (Ademe)

Data collection report (2023-2025)

Status of the campaigns

2023 DATA, CAMPAIGN COMPLETED

- Data declaration campaign launched in October 2024
- **121 declarations**

2024 DATA, CAMPAIGN COMPLETED

- Data declaration campaign launched in February 2025
- **152 declarations**

2025 DATA, CAMPAIGN COMPLETED

- Data declaration campaign launched in February 2026
- **209 declarations**

+31 declarations

+57 declarations

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COST-BENEFIT ANALYSIS TO STUDY WASTE HEAT REUSE (EED ARTICLE 26.7)

- EED requirement to **carry a cost-benefit analysis** to know the potential of waste heat reused for **datacenters ≥ 1 MW total capacity** and implementation of projects ([article L. 236-2 of the *Code de l'Énergie* and other articles](#)).
- Regulatory framework content upcoming : definition of derogations, as well as the content, format and transmission procedures for these analyses, guidelines for the report

- ☐ DC considered to sufficiently recover its waste heat if the **recovery efficiency factor (REF) $> 20\%$ or can be reached within 5 years**
- ☐ Cost-benefit analysis : assessment of waste heat volume and recovery opportunities, associated technical and economical constraints ;
- ☐ If the assesment is unfavourable for economical or lack of outlet opportunities, **planning of constructive and operational measures to facilitate a future recovery project** (to implement in a ministerial order, ongoing).

Other prior French regulations on datacenters

NATIONAL STRATEGY FOR CARBON NEUTRALITY

- [The update of the French planification on carbon neutrality](#) now includes a part on consumption and emissions related to digital use and specific objectives for the sector.
- [Indicative carbon footprint target](#) : Maintain the carbon footprint of the digital sector at a level between its current state and a 50% reduction by 2050 (relative to 2022). 2024–2028: 27–31 Mt CO₂e/year. 2029–2033: 24–33 Mt CO₂e/year. 2034–2038: 22–32 Mt CO₂e/year.
- [Energy consumption target for the data center sector](#): Aim for an energy consumption level for data centers of approximately 40 TWh by 2050, so as not to hinder the development of other electrification initiatives (based on a 2024 level of 5–10 TWh).
- [Average PUE target for the data center sector](#) : Aim for an average Power Usage Effectiveness (PUE) ratio of 1.2 to 1.4 by 2030.

Other prior French regulations on datacenters

DECREE ON ENERGY SAVING FOR THE TERTIARY SECTOR (TERTIARY BUILDING > 1 000 m²) :

- Requirement of gradual reduction of final energy consumption over the year
 - Apply for tertiary-activity building over 1000 m² only
 - Goal to reduce by 40% final energy consumption before 2030 → too difficult to implement for DC.
- Alternative for datacenters :
 - Target levels to reach before 2030, based on PUE levels depending on the DC's IT room area.
 - Decree covers companies' DC, even if it is not their main activity.

PUE target values by 2030 :

Local servers (IT area < 20 m²) : PUE = 2,00

Server room (20 ≤ IT area < 100 m²) : PUE = 1,80

Mini and small Data Center (100 ≤ IT area < 1 000 m²) : PUE = 1,60

Middle-sized and Large Data Center (1 000 ≤ IT area < 10 000 m²) : PUE = 1,40

Hyperscale Data Center (surface IT ≥ 10 000 m²) : PUE = 1,20

Other prior French regulations on datacenters

LAW ON ENVIRONMENTAL IMPACT REDUCTION OF THE FRENCH DIGITAL SECTOR (REEN) OF NOVEMBER 15TH 2021

- Tax credit on electricity for electro-intensive infrastructures (> 1 GWh/an) checking criteria

Full tax rate = ~22,5 €/MWh / reduced tax rate if criteria are met = ~12€/MWh

([L. 312-70 of the Code d'imposition des biens et services](#)) :

- Involvement in the EU CoC (or national voluntary scheme but not yet implemented),
- Waste heat recovery OR significant level of energy efficiency
- Efficiency on water use,
- Target quantitative values to be published soon (no modification expected)

IT room area (m²)	PUE target by 2027	PUE target by 2030	PUE target by 2035
Less or equal to 10 000	1,45	1,40	1,35
More than 10 000	1,40	1,20	1,20

Date of application	WUE (L/kwh)
WUE target by 2027	0,40
WUE target by 2030	0,35
WUE target by 2035	0,30