



**MERLIN | edged**

# GET01-1

Calle Fundidores, nº 40  
Polígono Industrial  
Los Ángeles, 28906 Getafe, Spain  
Site Coordinates: 40.311693, -3.693439

This data center is strategically located at Spain's central fiber and logistics hub near the largest concentration of cloud services in Southern Europe.



**Leading energy efficiency**  
with 1.15 PUE, which is 74% less overhead energy than the industry average.<sup>1</sup>



**Advanced waterless cooling**  
technology conserves precious local water resources.



**Supports AI-driven rack densities**  
up to 70 kW/rack with air cooling and 200 kW/rack with plug and play liquid cooling integration.



**Real-time monitoring and 24/7 onsite support** ensure the facility operates at peak performance.

**20 MW**  
CRITICAL CAPACITY

**22,900+ m<sup>2</sup>**  
FACILITY SIZE

**45 kV**  
UTILITY SERVICE

[CONTACT@EDGEDENERGY.COM](mailto:CONTACT@EDGEDENERGY.COM)  
[WWW.EDGED.ES/MADRID-GETAFE](http://WWW.EDGED.ES/MADRID-GETAFE)

Industry-leading performance and sustainable design

GET01-1 delivers secure, high-speed connections worldwide through a growing network of diverse, low-latency links to undersea cables in Bilbao, Barcelona and Lisbon. The state-of-the-art facility is uniquely optimized for both energy and water efficiency. The facility is powered by 100% renewable energy with ultra-clean backup power systems.



**Carbon Savings<sup>2</sup>**  
26,000,000 kg CO<sub>2</sub>e/yr



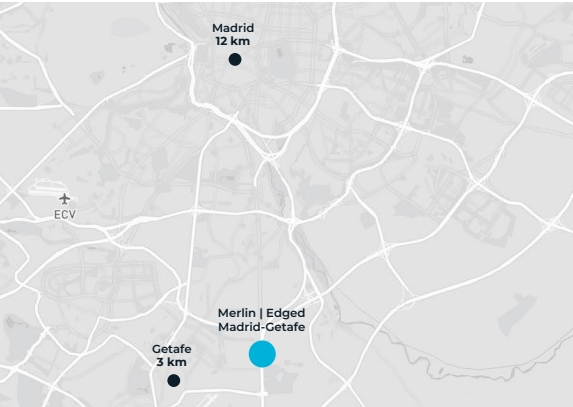
**Water Saving<sup>3</sup>**  
295,000,000 liters/yr



**Biofuel Standby Power**  
Standby generators powered by hydrotreated vegetable oil (HVO) reduce their CO<sub>2</sub> emissions by 90%



**Solar Glass**  
Photovoltaic glass panels cover the facility and provide renewable energy



GENERAL

Status	Operational
Construction	New build; three stories
Loading Dock	Two bays
Certifications	ISO 9001, ISO 14001, ISO 50001, ISO 27001, ENS level HIGH, PCI-DSS
Access	24x7
PUE	1.15 PUE
Reliability SLA	100% uptime, dual corded equipment, Tier III Design

COOLING

System	Modular waterless system with free-cooling chillers No adiabatic cooling Standard air-cooling within data halls, options for liquid cooling
Hot Aisle Containment	Flexible designs ranging from 250 kW to 2.5 MW
Service	Uninterruptible maintenance outside of data hall
Reliability	N+1 redundancy; Dual power source; 2N piping

POWER

Utility Provider	Iberdrola
Utility Power	Two diverse utility feeds
Utility Voltage	45 kV
Power Delivery	Revenue-grade, transparent, real-time metering
UPS	Battery backup supporting all electrical and mechanical systems; N+1 redundancy
Generators	32 MW of backup power in a redundant configuration
Configuration	N+1

TELECOM

Telco Duct Banks	Three diverse entry points
Carrier Neutral	Multiple carrier access
Meet-Me Rooms	Two available

SECURITY

Exterior	Perimeter fencing Access gates
Interior	Biometric readers, ID badges, CCTV
Interior	24/7 manned security

<sup>1</sup> Compared with global average data center efficiency PUE 1.56 (Uptime Institute, 2025).  
<sup>2</sup> Compared with global average efficiency and Spain average grid carbon intensity (European Environment Agency, 2022). Assumes 60% utilization of data center capacity.  
<sup>3</sup> Compared with industry average WUE 1.8 (Lawrence Berkeley National Laboratory, 2016).