Certificate

Certificate number: 2020-024

Certified by EY CertifyPoint since: November 2, 2020

Based on certification examination in conformity with defined requirements in ISO/IEC 17021-1:2015 and ISO 50003:2021, the Energy Management System as defined and implemented by

Google LLC*

located in Dublin, Ireland is compliant with the requirements as stated in the standard:

ISO 50001:2018

Issue date of certificate: October 31, 2023
Re-issue date of certificate: July 31, 2024
Expiration date of certificate: November 1, 2026
Last certification cycle expiration date: November 1, 2023

EY CertifyPoint will, according to the certification agreement dated May 23, 2022, perform surveillance audits and acknowledge the certificate until the expiration date noted above.

The certification is applicable for the assets, services and locations as described in the scoping section at the back of this certificate.

DocuSigned by:

Jatin Sehgal

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J. Sehgal | Director, EY CertifyPoint

Digital version

Google LLC

Scope for certificate 2020-024

The scope of this ISO 50001:2018 certification is as follows:

The scope and boundaries of the EnMS include the following operations within the legal boundaries of the Google owned and operated DCs in Europe and Chile shown on go/gdc-enms:

- ► Energy consumption from electricity, natural gas and diesel (in emergency generators when utilized during utility outages) in fixed structures, including substations, that contain or directly support Google IT operations and that have attained 5 megawatts (MW) of electrical consumption for a continuous 6 month period
- ► Diesel fuel use for operations and maintenance (O&M) purposes in emergency generators once O&M is transferred from construction contractors to Google; and
- ► Fuel use in Google owned or leased vehicles.
- ► Diesel fuel use in emergency fire pumps
- ► DC site selection including power purchase agreements.
- ► The design, procurement of DC server floor equipment

The following are excluded from the scope of the EnMS:

- ► Construction activities;
- ► Fuel use in worker (i.e., contractor/subcontractor and Google staff) owned or leased vehicles;

The Energy Management System is centrally managed out of Dublin, Ireland. The scope mentioned above applies to the following data center locations:

- ► Dublin, Ireland
- ► Eemshaven, Groningen, the Netherlands
- ► Fredericia, Denmark
- ► Ghlin, Hainaut, Belgium
- ► Hamina, Finland
- ► Quilicura (1), Santiago, Chile

The Energy Management System mentioned in the above scope is restricted as defined in "EnMS-I-001- EnMS Policy and Scope" Revision 6, dated May 23, 2024.

This scope is only valid in connection with certificate 2020-024.