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Greenhouse Gases Verification Opinion

is awarded to

GLOBAL DATA SOLUTIONS CO., LTD.

Bureau Veritas Certification (Beijing) Co., Ltd. was engaged to conduct an independent verification of the greenhouse gases (GHG) emissions reported by Global Data Solutions Co., Ltd. for the period stated below. This verification opinion applies to the related information included within the scope of work described below.

Boundaries covered by the verification:

- Verification site name: Global Data Solutions Co., Ltd.
- Verification site address: 5th Floor, Building C, Sunland International Building, No.999 Zhouhai Road, Pudong New District, Shanghai, China
- Reporting period covered: January 1, 2023 to December 31, 2023
- Base year: 2023

Organizational boundaries: Activities and facilities of Global Data Solutions Co., Ltd. under operational control approach.

Reporting boundaries: GHG emissions generated in provide internet data center services (including hosting services, information system operation and maintenance outsourcing services), IaaS cloud computing service (including cloud server and cloud storage) and disaster recovery services, connectivity service and related management activities within the organizational boundaries, as well as significant indirect greenhouse gases emissions.

Emissions data verified under reporting boundaries:

- Category 1: Direct GHG emissions: 35,373.97tCO₂e
- Category 2: Indirect GHG emissions from imported energy (location-based): 2,708,764.37 tCO₂e
- Category 2: Indirect GHG emissions from imported energy (market-based): 1,676,942.74 tCO₂e
- Category 3: Indirect GHG emissions from transportation: 27,849.69 tCO₂e
- Category 4: Indirect GHG emissions from products used by organization: 717,809.94 tCO₂e
- Category 5: Indirect GHG emissions associated with the use of products from the organization: 381,365.07 tCO₂e
- Category 6: Indirect GHG emissions from other sources: 525,698.40 tCO₂e

Total quantified emissions(location-based): 4,396,861.44 tCO₂e

Total quantified emissions(market-based): 3,365,039.81 tCO₂e

Limitations and exclusions: Excluding other non-significant indirect GHG emissions

GHG verification protocol used to conduct the verification:

- ISO 14064-1:2018 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
- ISO 14064-3:2019 Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements

Certification body address: Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

Further clarifications regarding the verification scope of this opinion may be obtained by consulting the organization.

To check this opinion validity please call: +86 10 59683888



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- Greenhouse Gas (GHG) Protocol Corporate Accounting and Reporting Standard
- Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard

Level of assurance:

- Reasonable assurance (Category 1 & 2), Limited assurance (Category 3, 4, 5 & 6)

GHG verification methodology:

- Interview for relevant personnel.
- Review of the documentary evidence.
- Evaluation of the methodology and information systems for data collection, aggregation, analysis and review.
- Audit of sampled sites and data to verify source.

Verification conclusion:

- Based on the verification process and findings, the GHG emission data in the GHG inventory report from Global Data Solutions Co., Ltd. is in compliance with ISO 14064-1:2018 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals and Greenhouse gas (GHG) protocol corporate accounting and reporting standard.

Statement of independence, impartiality and competence:

Bureau Veritas Group is an independent professional services company that specializes in Quality, Health, Safety, Social and Environmental management with over 190 years' history in providing independent assurance services.

No member of the verification team has a business relationship with Global Data Solutions Co., Ltd. and its directors or managers beyond that required by this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

Bureau Veritas Group has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

Lead verifier: ROGER HU

No.: EMI22048095

Version No.: No.1

Verification date: May 14, 2024

Issue date: June 24, 2024

Signed on behalf of
Bureau Veritas Certification (Beijing) Co., Ltd.



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Appendix for Greenhouse Gases Verification

Opinion

Global Data Solutions Co., Ltd. has commissioned Bureau Veritas (Beijing) Co., Ltd. to conduct a third-party verification on the GHG emissions within its reporting boundary. Key information is listed below:

- GWP source: AR6
- Types of GHG: 7 types (CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃)

Comprehensive GHG Emissions Data Sheet	
Scope & Category	Quantity (tCO ₂ e)
Total quantified emissions ^[1]	3,365,039.81
Scope 1 Direct GHG emissions	35,373.97
Scope 2 Indirect GHG emissions from imported energy	1,676,942.74
Scope 3-1 Purchased goods and services ^[2]	684,423.07
Scope 3-2 Capital goods ^[3]	33,060.58
Scope 3-3 Fuel- and energy-related activities	525,698.40
Scope 3-4 Upstream transportation and distribution ^[4]	26,419.15
Scope 3-5 Waste generated in operations	136.88
Scope 3-6 Business travel	793.19
Scope 3-7 Employee commuting	637.35
Scope 3-8 Upstream leased assets	189.41
Scope 3-9 Downstream transportation & distribution	--
Scope 3-10 Processing of sold products	--
Scope 3-11 Use of sold products	--
Scope 3-12 End of life treatment of sold products	--
Scope 3-13 Downstream leased assets	381,359.67
Scope 3-14 Franchises	--
Scope 3-15 Investments	5.40