



**VERIFICATION STATEMENT
GREENHOUSE GAS EMISSIONS
AND ENERGY CONSUMPTION**

Bureau Veritas North America, Inc. (BVNA) was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions and energy consumption reported by Lenovo Group (Lenovo) for the Fiscal Year (FY) 2018/2019. This Verification Statement applies to the related information included within the scope of work described below.

The determination of the GHG emissions and energy consumption is the sole responsibility of Lenovo. BVNA's sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported, and on the underlying systems and processes used to collect, analyze and review the information.

Boundaries of the reporting company energy consumption and GHG emissions covered by the verification:

- Operational Control
- Worldwide

Energy and Emissions data verified:

Lenovo Entity Wide Energy Consumption and GHG Emissions for FY 2018/2019	
Reasonable Assurance	
Total Direct and Indirect Energy Consumption - 347,388 Megawatt Hours	
Scope 1 Emissions	
6,031 metric tons (mt) of CO ₂ equivalent (CO ₂ e)	
Scope 2 Emissions – Location Based	
201,321 mt CO ₂ e	
Scope 2 Emissions – Market Based (total)	
26,029 mt CO ₂ e (includes 7,511 mt CO ₂ e from purchased steam in China)	
Scope 3 Emissions – Limited Assurance	
Category 1 – Purchased Goods and Services (Limited to Purchased Goods)	1,795,000 mt CO ₂ e
Category 2 – Capital Goods	127,500 mt CO ₂ e

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Scope 3 Emissions (continued)	
Category 3 – Fuel & Energy Related Activities (Limited to Transportation & Distribution Losses)	12,100 mt CO2e
Category 4 – Upstream Transportation & Distribution	633,000 mt CO2e
Category 5 – Waste Generated in Operations	1,920 mt CO2e
Category 6 – Business Travel (air travel and rental cars)	53,500 mt CO2e
Category 7 – Employee Commuting	23,600 mt CO2e
Category 11 – Use of Sold Products	12,885,000 mt CO2e
Category 12 – End Of Life Treatment of Sold Products	273,500 mt CO2e

Data and information supporting the Scope 1 and Scope 2 GHG emissions and energy assertion were in most cases historical in nature, but in some cases estimated rather than historical in nature.

Data and information supporting the Scope 3 GHG emissions assertion were in many cases estimated rather than historical in nature.

Period covered by GHG emissions and energy verification:

- April 1, 2018 to March 31, 2019

GHG Reporting Protocols against which verification was conducted:

- World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD) Greenhouse Gas (GHG) Protocol, Corporate Accounting and Reporting Standard, Revised Edition (Scope 1 and 2) and the GHG Protocol Scope 2 Guidance, an amendment to the GHG Protocol Corporate Standard.
- WRI/WBCSD Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard (Scope 3)

GHG and Energy Verification Protocols used to conduct the verification:

- ISO 14064-3: Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions
- International Standard on Assurance Engagements (ISAE) 3000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial Information (effective for assurance reports dated on or after Dec. 15, 2015), issued by the International Auditing and Assurance Standards Board.



Level of Assurance and Qualifications:

- Reasonable: Energy and Scope 1 and Scope 2 Emissions
- Limited: Scope 3 Emissions
- This verification used a materiality threshold of 5% for aggregate errors in sampled data for the above indicators.
- Qualifications: None

GHG and Energy Verification Methodology:

- Interviews with relevant personnel of Lenovo;
- Site visits and on-site data review at the Beijing R&D facility and Beijing Headquarters facilities in China;
- Review of documentary evidence produced by Lenovo;
- Review of Lenovo data and information systems and methodology for collection, aggregation, analysis and review of information used to determine energy consumption and GHG emissions at Lenovo's Bratislava, Slovakia office; and
- Audit of samples of data used by Lenovo to determine energy consumption and GHG emissions.

Assurance Opinion:

Based on the process and procedures conducted, BVNA concludes that the energy consumption and Scope 1 and Scope 2 GHG emissions assertion shown above:

- is materially correct
- is a fair representation of the energy consumption and GHG emissions data and information; and
- has been prepared in accordance with the WRI/WBCSD GHG Protocol Corporate Accounting and Reporting Standard.

Additionally, based on the process and procedures conducted, there is no evidence that the Scope 3 GHG emissions assertion shown above:

- is not a fair representation of the GHG emissions data and information; and
- has not been prepared in accordance with the WRI/WBCSD GHG Protocol Corporate Accounting and Reporting Standard.

It is our opinion that Lenovo has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.



Statement of independence, impartiality and competence

The Bureau Veritas Group is an independent professional services company that specializes in Quality, Health, Safety, Social and Environmental management with over 185 years history in providing independent assurance services.

No member of the verification team has a business relationship with Lenovo, its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

The 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.

The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of The Bureau Veritas Group standard methodology for the verification of greenhouse gas emissions data.

Attestation:

David Reilly, Lead Verifier
Principal Consultant
Sustainability and Climate Change Services
Bureau Veritas North America, Inc.

Trevor Donaghu, Technical Reviewer
Program Manager
Sustainability and Climate Change Services
Bureau Veritas North America, Inc.

June 21, 2019

This verification statement, including the opinion expressed herein, is provided to Lenovo and is solely for the benefit of Lenovo in accordance with the terms of our agreement. We consent to the release of this statement by you to public or private entities in order to satisfy the terms of disclosure requirements but without accepting or assuming any responsibility or liability on our part to any other party who may have access to this statement.