



LRQA Independent Assurance Statement

Relating to the Nutanix Carbon and Power Estimator Model claims of CO₂ Emissions Savings From the use of Nutanix solutions

This Assurance Statement has been prepared for Nutanix, Inc. in accordance with our contract.

Terms of engagement

LRQA was commissioned by Nutanix Inc. (Nutanix) to provide independent assurance on the environmental claims related to greenhouse gas (GHG) emission impacts from the use of Nutanix solutions made by Nutanix through the use of its Carbon and Power Estimator Model (the “report”) against the assurance criteria below to a limited level of assurance and materiality of the professional judgement of the verifier using International Standard on Assurance Engagements (ISAE) 3000.

Our assurance engagement covered Nutanix Carbon and Power Estimator Model Version 27 (provided to LRQA May 26, 2023) as it relates to environmental claims of energy and carbon dioxide (CO₂) emissions savings and comparative analysis using specifications for Nutanix solutions included in *Power Requirements for ESG – Rackmount 2.0 Small (<229 VMS)*, *Summary 2.0 Medium (<459 VMS)* and *Summary 2.0 Large (460 ≤ 690 VMS)* (provided to LRQA March 29, 2023), and included specifically the following requirements:

- Verifying conformance with:
 - Nutanix’s Internal Methodology for Power and Carbon Calculator Tool; and
 - Best practices and standard GHG emissions calculation methodologies

The Carbon and Power Estimator Model is based on Nutanix designs and built with Nutanix best practice recommendations on availability, security, and automation. The energy and CO₂ savings could change with changes to Nutanix Solution configuration, and it is Nutanix’ responsibility to maintain the Carbon and Power Estimator Model so it reflects the current energy use and CO₂ emissions outputs over time. The Assurance Statement should not be used as part of a solution design, any forecasting, disclosure, or purchasing decision.

The environmental claims made by Nutanix Carbon and Power Estimator Model show the potential CO₂ emission savings but should not be construed as carbon offsets or credits.

LRQA’s responsibility is only to Nutanix. LRQA disclaims any liability or responsibility to others as explained in the end footnote. Nutanix’s responsibility is for collecting, aggregating, analysing and presenting all the data and information within the report and for maintaining effective internal controls over the data and information management systems from which the report is derived. Ultimately, the report has been approved by, and remains the responsibility of Nutanix.

LRQA’s Opinion

Based on LRQA’s approach nothing has come to our attention that would cause us to believe that Nutanix has not, in all material respects:

- Met the requirements of the criteria listed above; and
- Covered all the issues related to energy and CO₂ emissions savings from the use of the Carbon and Power Estimator Model that are important to the stakeholders and users of the Nutanix solution.

The opinion expressed is formed on the basis of a limited level of assurance¹ and at the materiality of the professional judgment of the verifier.

¹ The extent of evidence-gathering for a limited assurance engagement is less than for a reasonable assurance engagement. Limited assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a limited assurance engagement is lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.



LRQA's approach

LRQA's assurance engagements are carried out in accordance with our verification procedure. The following tasks were undertaken as part of the evidence gathering process for this assurance engagement:

- Interviewing Nutanix research and development team to understand the design and parameters of the Carbon and Power Estimator Model as it relates to energy and CO₂ emissions savings;
- Sampling Power Requirements for ESG – Rackmount (S/M/L) calculations related to energy use and CO₂ emissions from the Nutanix Carbon and Power Estimator Model;
- Model server node power consumption which is then used to calculate cluster power consumption based on the number of VM that customers need, and
- Reviewing management solution compared with the criteria to confirm overall conformance.

LRQA's standards, competence and independence

LRQA implements and maintains a comprehensive management system that meets accreditation requirements for ISO 14065 *Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition* and ISO/IEC 17021 *Conformity assessment – Requirements for bodies providing audit and certification of management systems* that are at least as demanding as the requirements of the International Standard on Quality Control 1 and comply with the *Code of Ethics for Professional Accountants* issued by the International Ethics Standards Board for Accountants.

LRQA ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach applied is rigorous and transparent.

Signed

Dated: 28 July 2023

Handwritten signature of Brooke Farrell in black ink.

Brooke Farrell
LRQA Lead Verifier
On behalf of LRQA, Inc.
2101 CityWest Blvd, Houston, TX 77042

Handwritten signature of Bharat Arora in black ink.

Bharat Arora
LRQA Verifier

LRQA reference: UQA00002306

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