



**Assurance Statement related to
GHG Emissions Inventory and Environmental Performance Indicators for CY 2017
prepared for Marriott International, Inc**

Terms of Engagement

This Assurance Statement has been prepared for Marriott International, Inc.

Lloyd's Register Quality Assurance, Inc. (LRQA) was commissioned by Marriott International, Inc. (Marriott) to assure its greenhouse gas (GHG) Emissions Inventory and Environmental Performance Indicators Assertion for the calendar year 2017 (hereafter referred to as the "Report").

The Report relates to the following data:

- Direct (Scope 1) and energy indirect (Scope 2) GHG emissions;
- Other indirect (Scope 3) GHG emissions from franchised properties;
- Energy Use (kWh) and Water Use (million cubic meters); and
- Environmental Performance Indicators: GHG Intensity (kg / square meter), Water Intensity (million cubic meters / occupied room), and Energy Intensity (kWh/ square meter of conditioned space).

Management Responsibility

Marriott management was responsible for preparing the Report and for maintaining effective internal controls over the data and information disclosed. LRQA's responsibility was to carry out an assurance engagement on the Report in accordance with our contract with Marriott.

Ultimately, the Report has been approved by, and remains the responsibility of Marriott.

LRQA's Approach

Our verification has been conducted in accordance with ISO 14064–3:2006 *Specification with guidance for validation and verification of greenhouse gas assertions* for the GHG Emissions Inventory and LRQA's Verification Approach for the Environmental Performance Indicators Assertion to provide limited assurance that the data as presented in the Report have been prepared in conformance with World Resource Institute / World Business Counsel for Sustainable Development (WRI/WBCSD) GHG Protocol *A Corporate Accounting and Reporting Standard* and Marriott's internal procedures.

To form our conclusions the assurance engagement was undertaken as a sampling exercise and covered the following activities:

- Interviewed relevant staff of the organization responsible for managing GHG emissions and environmental performance data and records;
- Reviewed the processes for the management of data and information related to the GHG emissions and environmental performance used at the Marriott corporate level;
- Reviewed data estimation and extrapolation methodologies; and
- Verified GHG emissions data and environmental performance data and records at an aggregated level for the calendar year 2017.

Level of Assurance & Materiality

The opinion expressed in this Assurance Statement has been formed on the basis of a limited level of assurance and at a materiality of the professional judgment of the Verifier.



LRQA's Opinion

Based on LRQA's approach nothing has come to our attention that would cause us to believe that the total Scope 1, Scope 2 and Scope 3 GHG emissions and environmental performance data disclosed, as summarized in Tables 1 and 2 below, are not materially correct or have not been prepared in conformance with the reporting criteria, except for the following qualifications:

- Inconsistencies between the activity data for Scope 1, Scope 2, Scope 3 emissions, Energy use and Water consumption and the supporting evidence provided during the verification were identified. These inconsistencies are not material.
- Supporting documentation for water and energy consumption at some hotels were not readily available during the verification activities. The lack of this supporting documentation is not material.
- Data gap filling for Scope 2 GHG emissions related to Chilled Water, Hot Water and Steam use was not completed. This non-conformance is not material.
- The property and room counts were inconsistent between the GHG emissions inventory and the water inventory. The difference is not material.
- Chilled water was consumed at two hotels but was not reported. This misstatement is not material.

LRQA's Recommendations

Marriott should perform a review of the data validation process for water to ensure all qualified data is included in the inventory calculations.

Signed

Natali P. Garfer

Dated: 14 August 2018

LRQA Lead Verifier

On behalf of Lloyd's Register Quality Assurance, Inc.
1330 Enclave Parkway, Suite 200, Houston, TX 77077

LRQA reference number: UQA1706370255451

Table 1. Summary of Marriott GHG Emissions Inventory CY 2017

Item	Quantity	Units
Scope 1 Emissions	1,358,825	MT CO ₂ e
Scope 2 Emissions (Location-Based)	4,878,992	MT CO ₂ e
Scope 2 Emissions (Market- Based)	4,878,992	MT CO ₂ e
Scope 3 Emissions (Franchised Properties)	4,877,474	MT CO ₂ e
Total Water Consumption	122	Million Cubic Meters
Total Energy Use	17.66	Million MWh

Table 2. Summary of Marriott Environmental Performance Intensity Metrics CY 2017

Environmental Performance Indicators	Global Quantity
Water Intensity (cubic meters per occupied room)	0.876
Energy Intensity (kilowatt hours per square meter of conditioned space)	334.15
GHG Emissions Intensity (kg per square meter of conditioned space)	118.05

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Due to inherent limitations in any internal control, it is possible that fraud, error, or non-compliance with laws and regulations may occur and not be detected. Further, the verification was not designed to detect all weakness or errors in internal controls so far as they relate to the requirements set out above as the verification has not been performed continuously throughout the period and the verification carried out on the relevant internal controls were on a test basis. Any projection of the evaluation of control to future periods is subject to the risk that the processes may become inadequate because of changes in conditions, or that the degree of compliance with them may deteriorate.

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