
Verification Statement

Background

Optera was engaged by ENGIE Impact to provide independent verification on the accuracy of selected information included in ENGIE Impact's 2021 GHG emissions inventory, and to express a conclusion as to whether the GHG assertion contained in the inventory is presented fairly and in accordance with World Resource Institute (WRI) and World Business Council for Sustainable Development (WBCSD) Greenhouse Gas Protocol (GHG Protocol).

Per contractual agreement, ENGIE Impact's 2021 GHG Emissions Inventory Verification Report and Statement were prepared by Optera solely for ENGIE Impact's benefit. The information contained therein, its presentation to CDP and inclusion in corporate responsibility reports are the sole responsibility of ENGIE Impact.

Boundary and Scope

Optera examined ENGIE's 2021 greenhouse gas (GHG) emissions assertion from three scopes:

- Scope 1 – direct emissions.
 - Fuel (Diesel and Gasoline)
 - Refrigerants
 - Natural Gas
 - Stationary Fuel Oil
- Scope 2 – indirect emissions,
 - Location-based accounting method
 - Market-based accounting
- Scope 3 – other indirect emissions, including
 - Business Travel: Commercial Air & Ground Travel (Train and Passenger vehicles)
 - Employee Commute: Commute & Remote Employees
 - Waste Generated in Operations
 - Purchased Goods & Services: Digital Services

The verification was conducted on 100 percent of ENGIE Impact's reported scope 1 and scope 2 emissions, and 100 percent of the reported scope 3 emissions (100 percent of the total reported scope 1 + 2 + 3 emissions). This includes all direct and indirect emissions from facilities that are under ENGIE Impact's *operational control*: all ENGIE Impact offices, data centers, Business Travel (commercial air & ground travel), Employee Commute (commute & remote employees), Waste Generate in Operations, and Purchased Goods & Services (digital services) for its global operations.

Period Covered

ENGIE Impact's GHG assertion covers the 2021 calendar year: 1 January to 31 December 2021.

Data Verified

The final quantities verified were presented in

2021 Engie Impact GHG Footprint_Deliverable_PostVerificationV2.xlsx , as follows :

Item	Quantity
Scope 1 emissions	762.01 mtCO ₂ e
Scope 2 emissions	
Location-based emissions	895.17 mtCO ₂ e
Market-based emissions	0 mtCO ₂ e*
Scope 3 emissions	
Business Travel: Commercial Air & Ground Travel	299.50 mtCO ₂ e
Employee Commute:	
Commute	305.10 mtCO ₂ e
Remote Employees	975.38 mtCO ₂ e
Purchased Goods & Services: Digital Services	336.59 mtCO ₂ e
Waste Generated in Operations	15.77 mtCO ₂ e
Scope 1+2+3 Total: Location-based	3589.52 mtCO₂e
Scope 1+2+3 Total: Market-based	2694.34 mtCO₂e*
Scope 1+2+3 Total: Market-based + Offsets applied	0 mtCO₂e*

Historical data was used to inform the calculation of this assertion.

- Market Based includes only renewable energy applications across global operations, per alignment with GHG protocol.
- ENGIE Impact has procured Energy Attribute Certificates and Emissions Offsets to offset 100% of its emissions from all quantified sources/scopes (**i.e. Carbon neutral**) and went beyond this by buying additional carbon offsets.

Methodology

This Verification has been developed based on principles and methods described in (1) ISO 14064-3 *Specification with Guidance for the validation and verification of greenhouse gas assertions*, and (2) The Climate Registry *General Verification Protocol*¹. The verification has been conducted to achieve a *limited level of assurance*. Given the status of ENGIE Impact's GHG emissions inventory and management system, a limited level of assurance verification was appropriate for this project.

¹ The Climate Registry verification process is based on the principles of ISO 14064-3, and aims to maintain as much consistency with the standard as is possible

As part of the independent assessment Optera performed the following tasks:

- Examination of the 2021 corporate GHG inventory report and assertion.
- Examination of underlying calculations to confirm the formula references and accumulation of data, and re-performance of a sample of the calculations.
- Determination as to whether the elements of the protocol reference were consistently and appropriately applied.
- Cross-check of emission factors against referenced sources and assessment of the appropriateness of the selected factors.
- Evaluation of potential errors, omissions or misrepresentations resulting from data input, transformation and/or output processes; and
- Collection of testimonial evidence (i.e. interviews), data review and sampling to provide understanding of management/operational and control procedures implemented by ENGIE Impact to ensure the quality, integrity and security of its GHG information.

Verification Restatement:

- In Engie's 2020 GHG inventory disclosure, an emissions overstatement was made for their business travel emissions. This was due to a data collection error. The figure, as it was originally stated, was 1687.50 MTCO₂e. The correct figure is 587.09 MTCO₂e

Findings

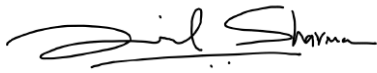
Based on Optera's examination, ENGIE Impact's 2021 emissions assertions are presented fairly and in accordance with the verification criteria, in all material respects.

It is Optera's opinion that there is no evidence that ENGIE Impact's 2021 GHG assertion is not:

- Founded upon appropriate systems for the collection, aggregation and analysis of quantitative data for determination of Scope 1 (direct), Scope 2 (indirect) and limited Scope 3 emissions (other indirect), including Business Travel (commercial air & ground travel), Employee Commute (commute & remote employees), Waste Generate in Operations, Fuel and Energy Related Activities and Purchased Goods & Services (digital services);
- Correct at a *limited* level of assurance;
- Meets the minimum level of accuracy of at least 95 percent;
- Accurate, materially correct, and a fair representation of GHG data and information; and
- Prepared in accordance with ISO 14064-1 and The Climate Registry General Reporting Protocol, including associated requirements for the design, development, management, reporting and verification of an organization's GHG inventory.

Statement of Independence, Impartiality and Competence

Optera is an independently owned and operated consulting and software services company that specializes in technical analysis and innovation for efficiency and renewable resources. Optera has considerable experience in the development, reporting and verification of GHG emissions information for industrial, utility, municipal and corporate clients. Optera's verification team did not contribute to the compilation of ENGIE's 2021 fiscal year GHG inventory and did not work on the GHG inventory beyond what is required of this assignment. Optera has conducted this verification independently, and there has been no conflict of interest.

A handwritten signature in black ink, appearing to read "Siddharth Sharma", written over a horizontal line.

Siddharth Sharma

May 31, 2022