



Entergy Corporation

Sustainability and Corporate Strategy
Entergy Services, Inc.
639 Loyola Avenue
New Orleans, LA 70113

Scope

Entergy Corporation (“Entergy”) engaged Cventure LLC (“Cventure” or “Verifier”) to review Entergy Corporation’s 2024 Corporate Greenhouse Gas (GHG) emissions inventory, and supporting evidence including Entergy’s Greenhouse Gas Inventory Management Plan and Reporting Document (IMPRD), detailing the GHG emissions and associated source documents, over the period January 1, 2024 to December 31, 2024 inclusive. These components are collectively referred to as the “GHG Assertion” for the purposes of this statement.

Entergy Corporation is solely responsible for the preparation and presentation of the information within the GHG Assertion. The Verifier’s responsibility is to provide an independent review of the accuracy of the GHG emissions data compiled and reported, and the underlying systems and processes used to collect and report the information. Based on that review, Cventure LLC, as the Verifier, expresses an opinion as to whether anything has come to our attention indicating that the GHG Assertion is not presented fairly based on generally accepted GHG accounting standards (e.g., *The Greenhouse Gas Protocol, A Corporate Accounting and Reporting Standard, Revised Edition, WRI/WBCSD, March 2004*) and verification criteria set forth below.

Independence

Cventure’s managers are independent, experienced verification practitioners who were not involved in the preparation of Entergy’s GHG emissions inventory. Cventure did not participate in any associated GHG emissions data collection, management, and reporting activities; nor the development of activity data or associated emissions or usage estimates, or any subsequent assertions made by Entergy. Cventure has not provided any services to Entergy which could compromise Cventure’s independence as a third-party verifier. Cventure performs verification activities and other professional responsibilities in adherence with the Greenhouse Gas Management Institute’s *GHG Professional Code of Conduct*.

Boundaries and Scope

Entergy's organizational boundaries include all company-owned assets and those under a capital lease, consistent with "Equity Share" reporting under GHG Protocol reporting standard. Entergy reports based on data and results from 28 major generating facilities and includes emissions from its transmission, distribution, and sale of electric power, and its operation of natural gas distribution and transmission pipelines, including the following source categories:

- Scope 1 – Direct Emissions Sources
 - Stationary combustion (power generation and small sources)
 - Mobile source combustion
 - Fugitive emissions
- Scope 2 – Indirect Emissions Sources
 - Purchased electricity
- Scope 3 – Value Chain Sources
 - Purchased power (controllable and non-controllable purchases)
 - Gas supplier emissions (associated with natural gas delivery to Entergy)
 - Leased assets
 - Gas customer combustion
 - Purchased goods/services and capital goods
 - Employee commuting
 - Business travel

Verification Level and Approach

Cventure was engaged to express a limited assurance conclusion on the subject matter information based on evidence obtained and procedures performed. We conducted a verification risk assessment, prepared a verification and sampling plan, and completed our review in accordance with the ISO 14064-3 International Standard *Greenhouse Gases – Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions*. We planned and performed our work in order to reach a conclusion on the GHG Assertion, with review criteria based on *The Greenhouse Gas Protocol* and quantification methodologies referenced in Entergy's IMPRD.

As part of this 2024 GHG emissions inventory verification activity, Cventure verified GHG emissions data reported by Entergy for the source categories identified in the "Boundaries and Scope" section. Several immaterial potential discrepancies were identified during the course of this verification project and corrected by Entergy at that time. We reviewed the GHG Assertion, and all of its associated supporting documentation which was received during the course of this verification project, and believe that this work provides a reasonable basis for our conclusion.

Data Sampling and Calculation Review

Data for fuel and energy consumption types and material inputs used to determine GHG emissions at all facility locations included in the GHG Inventory were subjected to thorough data sampling, along with sampling and review of mobile source data, small generation assets, data for fugitive emissions, and GHG calculations for scopes 1,2 and 3 categories. Error checking tests were performed on the data to assess the quality of information collected including checks for outliers, missing, or duplicate data; units of measure (UOM) checks; and re-computation cross-checks. A separate Verification Report provides additional details on the activities and checks undertaken, the results of the site visit of the Montgomery Country Power Station, the assessment of the data management systems and controls employed by Entergy, specific review items flagged and resolved, review of purchased power, and CEMs data checks.

GHG Assertion Summary

Entergy's 2024 Corporate GHG Assertion comprises all Scope 1 and Scope 2 emissions for stationary and mobile sources, along with Scope 3 Value Chain categories reported and reviewed as part of this verification activity. All emissions are reported in metric tons of carbon dioxide equivalent (tCO₂e) using global warming potentials (GWPs) sourced from the Intergovernmental Panel on Climate Change (IPCC)'s Fourth Assessment Report (2007).

Conclusion

Based on our verification review, nothing has come to our attention that causes us to believe that the GHG Assertion is materially misstated. The GHG emissions estimates were calculated in a consistent and transparent manner, and were found to be a fair and accurate representation of Entergy's actual conditions, and were free from material misstatement. Cventure has verified a total of **70,527,074** metric tons of CO₂ equivalent (tCO₂e) emissions for Entergy Corporation for calendar year 2024.

Cventure disclaims any liability for any decision made by third parties based on this Verification Statement.



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