



Verification Statement

First Environment, Inc. (First Environment), a New Jersey Corporation headquartered at 10 Park Place, Suite 504 Bldg 1A, Butler, NJ 07405 USA provides this verification statement to Therm Solutions, Inc. and the American Carbon Registry (ACR) as a deliverable of the verification process for the following Project: ("the Project")

Project Name	ACR Project ID	Reporting Period
Advanced Refrigeration - ARS2020001	ACR747	October 4, 2020 – October 9, 2020

This verification covers the reporting period from October 4, 2020 through October 9, 2020 for the Project and was conducted against the American Carbon Registry Standard, Version 7.0, December 2020 (ACR Standard) and the ACR-approved methodology "Methodology for the Quantification, Monitoring, Reporting and Verification of Greenhouse Gas Emissions Reductions and Removals from Advanced Refrigeration Systems," Version 2.1 (the Methodology).

The objective of verification activities is to assure the Project's conformance with the verification criteria and that the requirements of the ACR Validation and Verification Standard, Chapter 8.B are met. First Environment's role as the verifier is to provide an independent, third-party assessment of the Project's conformance with the verification criteria. First Environment was retained to provide verification services for the Project's GHG emission reductions assertion based on the following scope:

- *Boundaries of the assertion:* The operation of the refrigeration equipment, emissions resulting from the recharging and servicing of that equipment, and end-of-life (EOL) / disposal emissions;
- *The physical infrastructure, facilities, and activities within the assertion:* Large Commercial Refrigeration equipment; and
- *GHG sources, sinks, and reservoirs included within the assertion:* Emissions reductions (expressed in units of Carbon Dioxide equivalents (CO₂-e) resulting from refrigerant replacement; Project emissions from use of eligible refrigerant R-744 (carbon dioxide)).

Based on the assessments performed and the historical evidence collected, First Environment concludes that the Project's GHG emissions reductions, due to the transition to advanced refrigeration equipment incorporating a low-GWP refrigerant for the period from October 4 to October 9, 2020 can be considered with a reasonable level of assurance:

- consistent with the GHG Project Plan,
- in conformance with the ACR Standard and the Methodology,
- without material discrepancy.

Verified results show¹:

October 4, 2020 – October 9, 2020	Total
Baseline Emissions (m.t.CO ₂ e)	32,747
Project Emissions (m.t.CO ₂ e)	4
Emissions Reductions (m.t.CO ₂ e)*	32,742

*As measured and calculated in accordance with the Project Methodology

¹ Totals may not sum due to rounding

Lead Verifier Signature



Michael M. Carim
Senior Associate

Date:

9/12/2022

Independent Internal Review Signature



James Wintergreen
Senior Associate

Date:

9/12/22