

Greenhouse Gas (GHG) Inventory Management Plan (IMP)

September 2026

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REVISION HISTORY

This document contains the Tharros Greenhouse Gas Inventory Management Plan. This document is under the control of Tharros Defense, Inc.

Revision	Changes	Revised By	Date Revised
1.0	Initial Release	Thomas Peitler	1/15/2022
2.0	Rebranding Updates	Thomas Peitler	2/15/2026
3.0	Added locations; updated reported information	Judy Butts	08/28/2026

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1. ORGANIZATION INFORMATION

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2. BOUNDARY CONDITIONS

Our base year for measuring GHG emissions was 2022. This was the most appropriate year to baseline due to the office relocation and implementation of post-COVID remote work protocols – both of which are the two largest areas of potential emissions. Tharros uses the operational control approach to determine which facilities or operations are in our organizational boundaries for the purposes of the GHG emissions inventory.

Tharros leases all facilities and has no corporate-owned assets such as vehicle fleets. As such, there are no Scope 1 emissions.

For our Baseline of Scope 2 emissions, Tharros leased two facilities in our operational boundaries for 2022. The main office is 9,054 square feet in Fulton, MD (Bldg01) with 19 employees and a small office in Lakehurst, NJ (Bldg02) estimated at 2,000 square feet with 8 employees.

Since our 2022 Baseline, Tharros has closed our Lakehurst, NJ (Bldg02) office and added four locations as presented in Table 1. All of our office space is leased and is not a part of the Tharros organizational boundary per GHG Protocol guidance on leased assets.

Tharros corporate headquarters is located in Fulton, MD in an energy efficient building. This location includes highly efficient use of electricity, provides well leveraged workspaces, new Information Technology (IT) infrastructure, and enhanced security. This location was selected for its accessibility to clients and convenience for Team Members, and it allows us to be immersed in our community. The new office space was designed with energy efficiency and safety in mind and features high-energy HVAC units, energy efficient motion sensor light fixtures, double pane insulated glass, white Thermoplastic Polyolefin (TPO) roofing membranes, and low water flow fixtures. Low Volatile Organic Compounds (VOC) paint and adhesives were utilized in the construction, and storm water runoff is managed utilizing a state-of-the-art system that minimizes the effect on local waterways. Additionally, we designed an open workspace concept promoting social distancing. The building received LEED Gold certification.

Our San Antonio, TX facility was developed as a new build-out with energy efficiency incorporated into its design and construction. The facility was constructed in accordance with applicable Texas building and energy efficiency requirements, including contemporary standards for building systems, LED lighting, HVAC performance, and energy conservation. Our space was designed specifically around Tharros' operational and secure-space requirements, allowing the company to minimize unnecessary conditioned and powered space. The use of modern building systems and energy efficient construction practices is expected to reduce electricity consumption relative to comparable facilities constructed under older building standards.

Our Dahlgren, VA facility features sustainability and energy efficiency which were considered as part of the design and build-out. This facility incorporates modern building systems and energy-conscious design practices intended to reduce unnecessary electricity and resource consumption while meeting the specialized security and operational requirements of the company's mission. Energy efficiency measures include the use of efficient lighting and building systems, appropriate controls for occupied spaces, and efficient utilization of the facility footprint. Where practicable, energy efficient equipment and water-conservation measures are incorporated into facility operations. In addition, the facility's proximity to the primary customer work location provides an opportunity to reduce employee travel associated with contract performance, although Tharros does not currently quantify this benefit as a Scope 3 emissions reduction.

Based on EPA data, the estimated power usage of each of our leased facilities was determined using location-based methodologies as reported in Table 1.

Tharros does not report Scope 3 Indirect Sources for business travel and employee commuting. There is a negligible amount of product transport. Tharros does not collect data on personal vehicles or miles commuted. We do maintain data on employee work schedules and remote work policies. Tharros encourages remote work for employees who are eligible based upon customer requirements, and currently report 41% of our workforce work remotely. However, our government clients' requirements dictate whether employees are regularly commuting and the level of business travel that occurs.

All of the Tharros offices respect the integrity of the environment in which we operate and reflect our transformational efforts to be an innovative, cutting-edge, and growing company.

3. EMISSIONS QUANTIFICATION

Tharros used the EPA Simplified GHG Emissions Calculator dated September 2024 located at:

https://www.epa.gov/system/files/other-files/2022-09/calculator_tool.xlsx

The April 2024 guide for the process used to prepare this report is located at:

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https://www.epa.gov/system/files/documents/2022-09/Simplified_Guide_GHG_Management_Organizations.pdf

The resulting estimate of emissions from all of our Scope 2 Offices is shown in *Table 1. Emissions from All Sources*:

Table 1. Emissions from All Sources

Source ID	Source Description	Source Area (sq ft)	eGrid Subregion Where Electricity is Consumed	Electricity Purchased (kWh)	CO ₂ Emissions (lb)	CH ₄ Emissions (lb)	N ₂ O Emissions (lb)
Bldg01	Fulton, MD	9,054	RFCE	139,431	83,226.9	5.0	0.7
Bldg03	Hampton, VA	2,363	SRVC	36,390	21,594.6	1.6	0.2
Bldg04	Scottdale, PA	3,500	RFCW	48,300	44,021.8	3.4	0.5
Bldg05	San Antonio, TX	3,144	ERCT	48,418	35,531.8	2.1	0.3
Bldg06	Dahlgren, VA	9,812	SRVC	151,105	89,668.5	6.8	0.9
Total Emissions for All Sources:				423,644	274,043.6	19.0	2.6

4. DATA MANAGEMENT

The data source for the office square footage is from internal records in the COO organization. Every office is identified on an annual basis with any changes in square footage noted.

The data for emissions was estimated using the data on the “Help-Data Management” tab in the EPA Simplified GHG Emissions Calculator dated September 2024. The appropriate eGrid Subregion for all buildings, as shown in Table 1, was used for the purpose of estimation. All offices fall into the Office category of Principal Building Activity.

5. ADJUSTMENTS

As our facilities footprint changes, adjustments will be made to Table 1, as appropriate.

6. MANAGEMENT TOOLS

The COO is responsible for monitoring new Scope 1 or Scope 2 elements and updating the GHG estimates annually. All data pertaining to facilities are maintained by the COO’s office. The files are posted to the Tharros web site as well as on an internal SharePoint site where the COO, CEO, and administrative personnel have access.

7. AUDITING AND VERIFICATION

The COO prepares the estimate using corporate records and GHG Calculator, which is downloaded annually. The Director of the Program Management and Quality Office (PMQO) reviews the records and calculations for:

- **Relevance:** Annually review all facilities, vehicles, and other emission elements using an EPA checklist. Organizational and operational boundaries are reviewed across all categories.
- **Completeness:** Ensure that all sources are accounted for and reported within the inventory boundary.
- **Consistency:** Ensure meaningful comparisons of emissions over time and document all changes to data, inventory boundary, methods, or other factors.
- **Transparency:** Maintain a clear audit trail and disclose all relevant assumptions and identify references.
- **Accuracy:** Ensure the quantifications are accurate enough to permit executive decision making on additional steps that can be taken to reduce emissions.

Collectively, Tharros' current activities demonstrate the importance of sustainability. However, we know there is room for improvement. While many of the ongoing efforts encourage sustainability, we continue to move Tharros in a direction that furthers new sustainable efforts.

Moving forward, we will translate our ongoing efforts into specific actionable items that can be monitored and measured so that we can more readily demonstrate the value of sustainability to our Team Members, clients, and communities. We will build on the success of existing forums and tools within Tharros to ensure continuity and establish new tools to facilitate open communication and transparency.