

# MHO, LLC Climate Action Plan

## 2023





**May 31, 2023**

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# I. Introduction

- *The purpose of this plan is to implement the new objectives and goals of MHO toward achieving a 1.5°C target of halving greenhouse gas emissions by 2030.*
- *The scope of this plan is to provide the initial template and direction for MHO to follow and amend upon reviews.*
- *The process for developing MHO's plan is for a continued education and information gathering journey to achieve the defined goals.*
- *MHO, LLC shall review and document the tracking of this plan's goals and objectives for the coming year with a year-end review.*

## 2. Overview

- *MHO is engaged in providing services within the central United states.*
- *The services provided by MHO are in the Telecommunication Industry*
- *Facilities utilized by MHO are the typical warehouse, office, and utility type equipment.*
- *MHO is a 3-year-old SMB business owned by two individuals.*
- *This document is the initial version of MHO's commitment to achieving 1.5°C.*

### 3. Emissions Inventory

*Provide an accounting of GHG emissions from MHO operations and MHO facilities, including baseline data and trends. Having an accurate inventory and conducting annual updates to help focus efforts on reducing the largest sources of GHG emissions while tracking progress.*

**MHO's baseline data**



MHO Carbon  
Calculation.pdf

*Emission sources to inventory include:*

- *Fleet operations, including revenue and non-revenue vehicles.*
- *Facility operations, including administrative buildings, maintenance facilities, warehouses, and outdoor storage yards.*
- *Employee travel*
- *Solid Waste and Recycling*
- *Displaced emissions*

*In addition to reporting absolute emissions, MHO may choose to use different metrics to report emissions. Options for alternative metrics to report transit GHG emissions include:*

- *Emissions per warehouse facility*
- *Emissions per office building*
- *Emissions per vehicle*
- *Emissions per vehicle miles*
- *Emissions per service area*

- *Emissions per vehicle revenue miles*
- *Emissions per number of employees*

*The following resources will provide MHO additional guidance on developing a GHG inventory:*

- *American Public Transportation Association's Recommended Practice for Quantifying Greenhouse Gas Emissions from Transit available at [https://www.apta.com/wp-content/uploads/Standards Documents/APTA-SUDS-CC-RP-001-09\\_Rev-1.pdf](https://www.apta.com/wp-content/uploads/Standards_Documents/APTA-SUDS-CC-RP-001-09_Rev-1.pdf)*
- *The Climate Registry's General Reporting Protocol for the Voluntary Reporting Program at <https://www.theclimateregistry.org/tools-resources/reporting-protocols/general-reporting-protocol/>*

## 4. Emission Reduction Goals and Targets

*MHO's goals for reducing GHG emissions, include establishing specific GHG emission reduction targets.*

*Goal statements:*

- *Achieve net zero emissions by 2050 (Biden-Harris Administration goal)<sup>1</sup>*
- *Achieve a 50-52 percent reduction in GHG emissions from 2005 levels by 2030 (Biden-Harris Administration goal)<sup>2</sup>*
- *Decreasing total GHG emissions from fleet by 25 percent by 2030.*
- *Use 50 percent renewable electricity for facility operations by 2030.*
- *Plan all new maintenance facilities to accommodate zero-emission technologies.*
- *Decrease total energy use by 10 percent for all facilities by 2030.*

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<sup>1</sup> <https://www.whitehouse.gov/briefing-room/statements-releases/2021/04/23/fact-sheet-president-bidens-leaders-summit-on-climate/>

<sup>2</sup> Ibid

## 5. Strategies and Actions

*For each goal, MHO will identify strategies and actions to achieve the goals and targets, including both short-term and longer-term strategies. For each action, the metrics that will be used will be identified to measure performance, the targeted time for completing the action (i.e., month or season and year), and the staff/department(s) responsible for implementing the action.*

*Emission reduction strategies include:*

- *Clean and renewable energy and alternative fuel sources*
- *Energy efficiency and supply strategies*
- *Employee travel and trip reduction strategies*
- *Transportation and land use strategies*
- *System efficiency and capacity improvements*
- *Waste reduction strategies*



## Strategies and Actions:

Goal #1: By 2030, use 100% renewable electricity for facility operations.

Strat egy	Actions	Metric to track progress	Period	Responsible Office
Convert to 100% renewable energy by 2030	Develop an energy action plan	Y/N plan developed	September 2023	
	Install on-site solar photovoltaic installations at 1 facility	# of facilities with solar photovoltaic installations	December 2025	
	Increase purchase of renewable energy to 50%	% change in renewable energy purchased	December 2030	
	Increase purchase of renewable energy to 100%	% change in renewable energy purchased	September 2035	

Goal #2: Decrease total GHG emissions from transit fleet by 25% by 2030.

Strategy	Actions	Metric to track progress	Period	Responsible Office
Electrify fleet	Develop electrification investment plan	Y/N plan developed	September 2024	
	Upgrade maintenance facility to accommodate electric forklifts	Y/N facility updated	September 2028	
	Complete electric pilot/testing	Y/N pilot complete	December 2025	
	Purchase 5 electric aerial lifts	Number of ____ purchased	December 2028	

## 6. Implementation and Monitoring

*MHO will track implementation of the strategies and actions and monitor progress towards meeting its GHG emission goals and reduction targets.*

*Implementation strategies may include information on the following topics:*

- *Ongoing efforts to keep the plan on track.*
- *Funding*
- *Emerging Challenges*
- *Implementation Principles*
- *Partnerships*
- *New Technologies*

## Appendix A:

*Appendices contain information that supplements, clarifies, or supports the content. Appendices also contain material that might otherwise interfere with an orderly presentation of ideas in the body. Examples of appendices that may be relevant to the climate action plan include:*

- *Detailed information about methodology for greenhouse gas emissions inventory*
- *References*
- <sup>1</sup> <https://www.whitehouse.gov/briefing-room/statements-releases/2021/04/23/fact-sheet-president-bidens-leaders-summit-on-climate/><sup>1</sup> Ibid



1.5C-business-play  
book-v2.