

# Alpha-Omega Services, Inc. 2024 SBTi GHG Emissions Report

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## Summary

In 2024, Alpha-Omega Services, Inc. quantified its US-based GHG emissions per the GHG Protocol, totaling **78.34 tCO<sub>2</sub>e** (Scope 1 + Market-Based Scope 2). Compared to our 2023 baseline of **84.92 tCO<sub>2</sub>e**, we achieved a **7.8% reduction**, surpassing our 2024 target of 5.6% reduction toward our SBTi goal of 50.4% by 2032.

## Key Insight

Mobile Sources emissions increased 85.5% from 12.28 tCO<sub>2</sub>e in 2023 to 22.79 tCO<sub>2</sub>e in 2024, comprising 89% of Scope 1 emissions. This rise highlights the need for fleet optimization or electrification to meet our SBTi target.

## Progress Toward SBTi Target

Our SBTi target is a 50.4% reduction in Scope 1 and Market-Based Scope 2 emissions by 2032 from our 2023 baseline of 84.92 tCO<sub>2</sub>e, requiring a 42.12 tCO<sub>2</sub>e target by 2032. In 2024, we achieved 78.34 tCO<sub>2</sub>e, a 7.8% reduction, exceeding the 5.6% annual reduction needed for a linear trajectory.

## Methodology

Emissions were calculated using the EPA Simplified GHG Emissions Calculator, aligned with the GHG Protocol. Scope 1 and Market-Based Scope 2 emissions used AR5 GWP values and EPA Emission Factors Hub data. Market-Based Scope 2 emissions reflect residual mix factors (WECC CA, SERC MS) due to no renewable energy certificates or PPAs.

## Actions Taken and Planned

In 2024, we reduced Market-Based Scope 2 emissions through energy efficiency measures. To address the Mobile Sources increase, we plan to explore fleet electrification and fuel-efficient vehicles. We are also evaluating renewable energy certificates and power purchase agreements to further lower Scope 2 emissions.

## Conclusion

Alpha-Omega Services, Inc. remains committed to its SBTi target, achieving a 7.8% reduction in 2024. By tackling Mobile Sources emissions and pursuing renewable energy options, we aim to sustain progress toward a 50.4% reduction by 2032.