

# WEST SIDE TRANSPORT SUSTAINABILITY REPORT

November 2023

## Introduction

West Side Transport is a privately owned and operated transportation company based in Cedar Rapids, IA with a fleet of over 550 Class 8 semi-trucks operating across seven terminals in the Midwest and Southeast regions. For over 50 years our commitment to providing safe and efficient logistic services is proven by our track record of quality for our customers. To continue our long-term success, we recognize the growing importance of being a responsible steward to the environment. This report will lay out our current, and future, sustainability initiatives.

## FUEL EMISSIONS MITIGATION MEASURES

As a trucking company we recognize our Scope 1 GHG emissions are tied directly to our business model. West Side Transport has been a registered member of SmartWay since 2007, the federal EPA program recognized as the industry standard for measuring fuel efficiency and reducing environmental impact. We currently rank 2 out of 10 with an average of **1,450 grams per mile CO2 emission factor**. This is well below the industry average of 1,818 g/m CO2. It is our goal to reduce our emissions by another 100 g/m CO2 by 2025 to achieve first ranking.

### 1. Opti-Idle

Optimized Idle technology is a standard configuration on every truck we operate. The system reduces idle time by running the engine only when required to keep the battery charged, oil temperature within limits, and meet driver thermostat settings when parked for longer than five minutes.

- ✓ An average of one gallon per hour is burned when idling.
- ✓ Idling correlates to DEF system errors, soot build up and long high-idle forced regens.
- ✓ Long idle times causes engine wear and tear which leads to lower fuel efficiency.

### 2. Speed Limiters

Limiting the top speed of our fleet reduces the risk and severity of accidents and increases fuel efficiency to further reduce CO2 emissions. Our trucks are limited to 64 MPH on the pedal and 66 MPH when using cruise control.

- ✓ Decreasing operating speed of 1 MPH increases fuel economy by .08 to .1 MPG.
- ✓ Slower speeds reduce damage, injuries, and fatalities and increase driver reaction time.
- ✓ West Side Transport factors all load transit times at 50 MPH allowing our drivers to be safe, efficient, and on-time.

### 3. Investment and Maintenance

Continuous investment in new equipment with a robust trade and maintenance schedule continues to be our policy. The average age of our tractors is only 1.5 years old and our trailers less than five years old.

- ✓ *The Gen 5 DD15 engine delivers positive fuel economy savings and reduced emissions over previous generations.*
- ✓ *Auto inflating tires on all new trailers and a tire swap policy above DOT minimum tread depth.*
- ✓ *In house mechanics and shops at all terminals with frequent preventative maintenance.*

### 4. Technology and Behavior

In August 2023 we completed a full upgrade of our fleet's electronic logging devices and introduced Isaac Coach. This software collects and analyzes real time data to provide drivers guidance on throttle pressure and overall behavior, we then incentivize this behavior. This technology supplements our existing policies surrounding fuel savings within our operations.

- ✓ *Gains of 5 – 15% fuel savings anticipated as program matures in 2024.*
- ✓ *Strict policy against personal conveyance – the use of the tractor for non-business-related activities*
- ✓ *Logistic expertise and planning to reduce empty miles, travel most efficient routes, and reduce unnecessary stops.*

### 5. Research and Development

In June 2023 we partnered with Nestle-Purina to purchase and pilot a Compressed Natural Gas truck. CNG burns 20% cleaner than diesel resulting a reduced carbon footprint and less frequent maintenance intervals. Although the infrastructure for alternate methods of energy is virtually non-existent, we intend to identify and develop more customer partnerships where they do exist.

- ✓ *Shuttle operations proximate to terminal locations upgraded to EV or Hybrid Engines*
- ✓ *Dedicated freight lanes based around alternate energy infrastructure locations.*
- ✓ *Expanded operational footprint in new markets with new and existing customers based on sustainability.*

## CORPORATE SUSTAINABILITY

Although a vast majority of our Carbon Footprint is from diesel combustion, we also believe fostering a culture of environmental awareness is just as important. From installing EV plugins to Adopting Highways, our employees are empowered and encouraged to act conscientiously. We continue to build partnerships with existing customers sustainability programs, as well as seeking outside environmental consultants to help us understand and improve our environmental impact.



