

APRIL 2025

NSSL Sustainability Report



Introduction

At NSSL, we've always understood the vital role we play in connecting our clients with the services they rely on. **But with this responsibility comes recognition of the environmental impact our operations can have, a reality we are fully committed to addressing head-on.**

As the world confronts the accelerating effects of climate change, rising temperatures, extreme weather events, and a heightened global awareness of environmental issues — we see a significant opportunity to lead by example. Sustainability is more than a goal for us; it's a call to action. It challenges us to not only to set high standards for ourselves but also to raise the bar for our partners, stakeholders, and the communities we work alongside. **This Sustainability Report outlines NSSL's ongoing commitment to this journey, grounded in three key objectives:**

Understanding Our Baseline

We've taken a hard look at the environmental impact of our operations and established a benchmark of where we currently stand.



Highlighting Current Actions

We'll share the proactive steps we're taking today to reduce our footprint and the innovative tools we're using to meet our sustainability goals. This includes forging partnerships with electric vehicle (EV) truck providers and continuing the implementation of NSSL's Shuntware YMS to enhance operational efficiency across the yard.



Setting Future Targets

In this report, we will outline our long-term sustainability goals, including reducing emissions, minimizing waste, and advancing yard sustainability in meaningful ways.

Sustainability is a journey, not a destination. This report marks the beginning of our efforts to make a positive, lasting impact. By establishing clear benchmarks today, we're laying the foundation for accountability and transparency in the years ahead. We will continue to report on our progress and share updates as we work towards our ambitious goals.

To our partners, clients, and team members, thank you. Your collaboration and commitment fuel our drive to push boundaries and realize our sustainability vision. Together, we are shaping a future where Every Move Counts — for both our industry and our planet.

Sustainability Data

As an organization we measure success through action, and we understand the importance of transparency in tracking our progress and remaining accountable. **The data presented here reflects our current operational footprint, the impact we are currently having on the environment, and our commitment to making meaningful strides toward a more sustainable future.** In coming years, we will use these metrics as a benchmark, tracking progress towards achieving our environmental targets.

Fleet Overview:

NSSL prides itself on being cutting edge with our fleet of trucks. With a network spanning the United States and Canada, we are constantly updating our fleet to ensure that we are operating the most efficient units possible. Currently >96% of our fleet utilizes Tier 4 engines and we continue to expand our EV network.

Idle Time:

While idle time is an operational reality across the industry, NSSL has taken a leadership position in minimizing its environmental impact during all phases of truck use—including idle. Over 96% of our fleet utilizes Tier 4 Final engines, which reduce harmful emissions by more than 90% compared to the Tier 3 engines still widely used by competitors. To put that into perspective, across our active fleet, this engine upgrade alone results in an estimated **2,251,800 fewer pounds of NOx and 106,259 pounds of Particulate Matter emissions per year**, even when accounting for industry-standard idle times.



OUR TIER 4 ENGINES REDUCE:

NOx emissions by:
~90%

PM emissions by:
~95%

2024 ANNUAL EMISSIONS:

Emissions Per Truck:

67,789.1 Lbs/Truck

Targets and Equivalencies

Over the next five years, NSSL is committed to reducing its environmental footprint. To achieve this, we have identified two aggressive goals that will help us become more environmentally friendly as an organization. Our ambitious sustainability targets reflect our vision of creating a cleaner, greener future for our industry and the planet.

TARGET 1:

Reduce CO2 emissions per truck by 20% by 2030:

The nature of our business means that we generate a large amount of CO2. Fortunately, there are tangible steps we can take to mitigate the impact.

Some of the steps we are taking to achieve this goal include:

- **Focusing on reducing idle time** through more efficient tasking, better planning, and improved training for our drivers.
- **Incorporating EV units where possible.** We have already begun implementing electric trucks in our fleet, and we have ongoing discussions with partners across our network to see how we can utilize EV into their yards.
- **More efficient operations mean less fuel burned.** By implementing Shuntware with more partners we can reduce hunt time in partner yards, plan tasks and routes better, and in the end, reduce fuel consumption.

- **Equivalency:** Achieving a 20% reduction in CO2 emissions by 2030 is no small task, but in the end, it will have a substantial impact. To put into perspective what a 20% reduction in emissions has roughly the same impact as:

372 cars removed
from the road in a year.

Cutting 8.5
transatlantic flights.

Eliminating energy use from
431 households
for an entire year.



TARGET 2:

Reduce plastic DEF container usage by 50% by 2030:

In the United States alone in 2018 over 27 million tons of plastic were thrown in landfills, and this number is expected to grow in coming years. In an effort to combat this, NSSL is looking to convert our DEF delivery methods from plastic containers to bulk wherever possible. As an added bonus, by reducing consumption of plastic DEF jugs, we would also reduce consumption of the cardboard boxes that the jugs are shipped in.



In addition to these primary goals, we have outlined several initiatives aimed at improving sustainability within the broader community and industry:

Community Improvement:

National Shunt is actively pursuing a tree planting initiative aimed at reducing CO2 levels and positively impacting the global community.

Exploring Electric Vehicles:

We are aggressively exploring the use of electric trucks where feasible. We have already initiated the transition of our fleet with select partners and continue to expand this transition throughout our network.

Working With Our Partners:

In today's world, most companies recognize the importance of having sustainability goals. However, the yard is an often-overlooked area of an organization's footprint when trying to achieve these targets. Being experts in the yard, we can work with our partners, meet with their Sustainability and Leadership Teams, and together, develop a plan leverage our experience to achieve their objectives.



Conclusion

The world is an ever more complicated place, and climate change is a threat that we all must confront. **As we look forward to 2030 and beyond, NSSL remains dedicated to pushing the envelope on sustainability.**

Through continuous improvement, strategic partnerships, and innovative technologies, we are determined to reduce our environmental footprint and contribute to a more sustainable world. Together, we can move towards a future where every action and every move — truly counts.

Thank you for your continued support in helping us achieve these goals. We value your partnership and look forward to sharing our progress and successes as we continue this vital journey.

