



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA

Decarbonizing Supply Chains: The Collaborative Role of Drayage Charging Depots

Thursday, November 21, 2024
2:00 PM EST

Agenda

- 1 Webinar Overview
- 2 Brief Presentation
- 3 Panel Introductions & Discussion

Webinar Format

- Audience will be muted
- Please feel free to submit questions throughout the presentation
- Submit questions by clicking the Q&A icon at the bottom of your screen
- This webinar will be recorded and will be available on intermodal.org for on-demand viewing.



Zeem

Transition Your Fleet. Seamlessly.

Decarbonizing Supply Chains
The Collaborative Role of Drayage Charging Depots
November 21, 2024

Who Is Zeem

- 
- Zeem's Role**
1 Leader in designing, building, and operating zero-emission vehicle depots, charging, parking, and fleet management solutions
 - Locations**
2 Strategically located near ports, airports, and on customer sites nationwide
 - Mission**
3 Accelerating sustainable transportation for all fleets focusing on affordability, scalability, and environmental impact
 - Charging Infrastructure**
4 High-speed stations for Class 1 to Class 8 EVs specifically designed for broad spectrum of fleet needs
 - Impact**
5 Leading nationwide fleet electrification, sustainability, and cost effectiveness for fleets of all sizes

Depot Offerings

Three types of charging depots depending on fleet needs and stage of electrification



SHARED Charging Depots

Multiple fleets operating out of Zeem's established or planned sites typically located by airports, seaports, and transportation centers across the US.



CO-LOCATED Charging Depots

Zeem partners with customer to share capital expenditure and revenue, supports through electrification process, and offers other local operators fleet services.



IN-YARD Infrastructure

Zeem acquires new property or partners on existing customer site and covers Capex for charging deployment, then supports operator through electrification.

Charging Depot Services

Zeem depots utilize world class operations to make sure every vehicle is ready for operation when needed

Comprehensive Charging Solutions

Electric Vehicle Procurement

Site Operation and Maintenance

All-in-one Solutions or Selected Services only



Port Gateways & Short -Haul Distribution



Intersection of multimodal transportation



Confluence of public and private sectors



Regulatory compliance and sustainability goals



Location, Location, Location



Fleet operator focus and commercial traction



LAX Depot: Full -Service EV Experience for Fleets

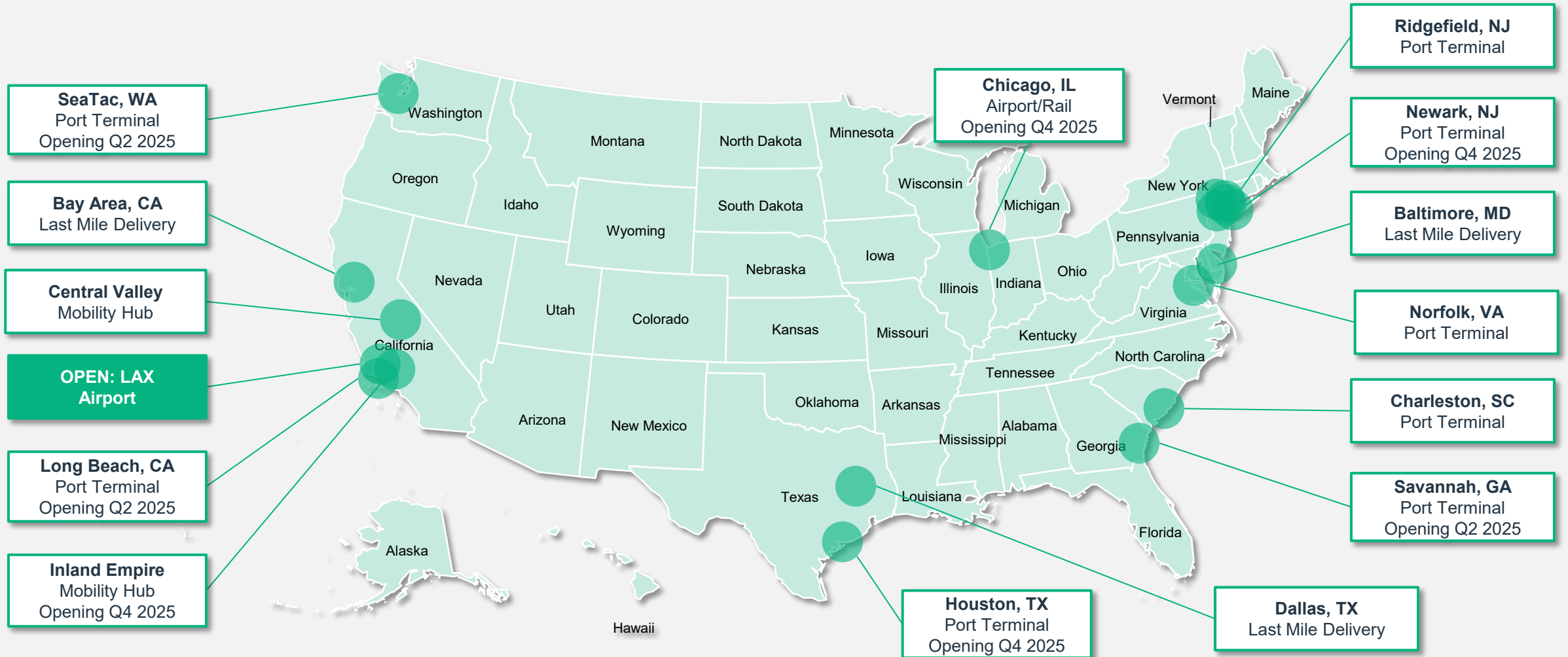
Zeem's Impact in 2023 — Over 1M MWh of electricity dispensed, fueling 26,000 charging sessions

- ✓ 3.1-acre facility at LAX is one of the largest commercial EV charging hubs in the US
- ✓ 78 DCFC, 53 AC ports, 7.5 MW interconnection
- ✓ Launched Phase I operations in Dec. 2021
- ✓ Finished full commissioning Jan. 2024
- ✓ Serving rental car, rideshare, passenger shuttling, last mile freight, air cargo, and drayage customers

Zeem's Impact in 2024 — Over 4.5M kWh dispensed, fueling over 123,000 charging sessions, 1.9M kg of CO2 saved



Taking Our Network Coast to Coast



Long Beach , CA Depot Highlights



Prime Location

Centrally located in the Port of Long Beach to facilitate drayage at the two largest ports in the US. Phase I completion planned Q2 2025.



Charging Capacity

One of the largest charging depots on in the US will have 84 fast DCFC ports and a 15 MW interconnection capable of servicing approximately 500 Class 8 vehicles daily.



Designed for Fleets

Purpose built to service drayage customers with future expansion options to double capacity.

Over 22,000 trucks in the drayage truck registry operating at both San Pedro Bay ports

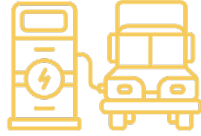


Newark, NJ Depot Highlights



Prime Location

Located less than 3 miles from marine terminals at the 3rd largest port in the US surrounded by logistics and intermodal facilities. Phase I completion planned Q4 2025.



Charging Capacity

One of the largest charging depots on the East Coast will have 84 fast DCFC ports and a 30 MW interconnection capable of servicing approximately 500 Class 8 vehicles daily.



Designed for Fleets

Newark has been designed to support all fleets and high-volume transportation customers with future expansion options to double capacity.

Over 28,000 trucks in the drayage truck registry operating at the Port of NY & NJ



The background is a dark, low-key photograph of a white truck parked at a charging station. On the left, a charging cable is plugged into the truck's port. In the background, several people are standing near the truck. The Zeem logo is overlaid in a bright green color on the left side of the image.

Zeem

Thank you!

Nicholas Raspanti

Senior Director of Sales and Port Initiatives

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King Fio Trucking: Zero Emissions Footprint

- Operating five electric trucks with Zeem
- 420 total charging sessions
- Over 107,000 kWh of total energy used
- Average session duration ~2 hours
- 45,000 kg of CO2 saved
- Equivalent to 5,035 gallons of gasoline
- Equivalent 10 homes' annual energy use





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We are Committed to Being Your Best Business Partner



- Grants & Incentives
- Route Analysis
- Financing
- Service (multiple Certified EV locations)



TEC Equipment:
Helping people. Solving problems.



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Thank you for joining us!