

# Testimonials from Electric Yard Truck Grant Participants

## Background:

The Puget Sound Clean Air Agency and the Northwest Seaport Alliance have partnered with several organizations to replace diesel yard trucks with electric yard trucks. Below is a description of the projects we have worked on and testimonials from our partners.

## Project Descriptions:

Grant Participants	No of Vehicles	Duty Cycle			Electric Yard Truck Manufacture	Charger
		Days/ Week	Hrs/ Day	Weight load (lbs)		
King County Solid Waste	2	7	12	81,000	Orange EV	Orange EV
NewCold Logistics	1	7	12	80,000-105,000	Orange EV	Orange EV
Seattle Public Utilities	1	7	12	80,000	Orange EV	Orange EV
McLane Co.	2	7	12	102,000	BYD	Charge Point
BNSF Railway	12	7	22	81,000	BYD & Autocar Trucks	Rivian - 3x100kW
Albertsons	2	7	15	81,000	Orange EV	Orange EV - 22kw
Rail Management Services *	6	7	12	81,000	Ottawa shell - Orange EV motor	Orange EV - 22kw

\*Rail Management Services project was administered by the Northwest Seaport Alliance



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## Testimonial from our Partners:

### Driver's Overall Impressions

*No motor vibration!*

*Super quiet!*

*Makes my day go by faster!*

*Less fumes!*

*Smoothen driving!*

*No transmission jerking the truck.*

*No more annoying lights and bells.*

*Less stressful by the end of my shift!*

*I can hear the radio on level 6 and not 60!*

*Don't have to use the brakes as much as diesel yard truck!*

*Better stability while making sharp corners with a trailer.*

*Quieter cab makes communication with coworkers easier.*

*My boots don't get as hot on the floorboards anymore!*



### Recommendations to others interested in electric yard trucks

*Make sure you choose the correct vehicle for your application.*

*Be sure to take a minute and find the right area to place your charger based on if you plan to opportunity charge or charge after a shift.*

### Thoughts on Maintenance

*Overall, e-yard trucks have less maintenance, but parts are not as readily available as tradition diesel parts and can be more expensive.*

### Thoughts on Training

*We incorporated hands-on training that focused on differences between traditional gas [diesel] powered trucks vs electric. This training included our sales rep at Orange EV as well as their head technician to work with our maintenance team on preventative maintenance requirements.*

*Orange EV sent a trainer out to train our employees.*

### Driver Adoption

*Some drivers immediately like the EVs.*

*Usually after a few months most drivers prefer the EVs.*