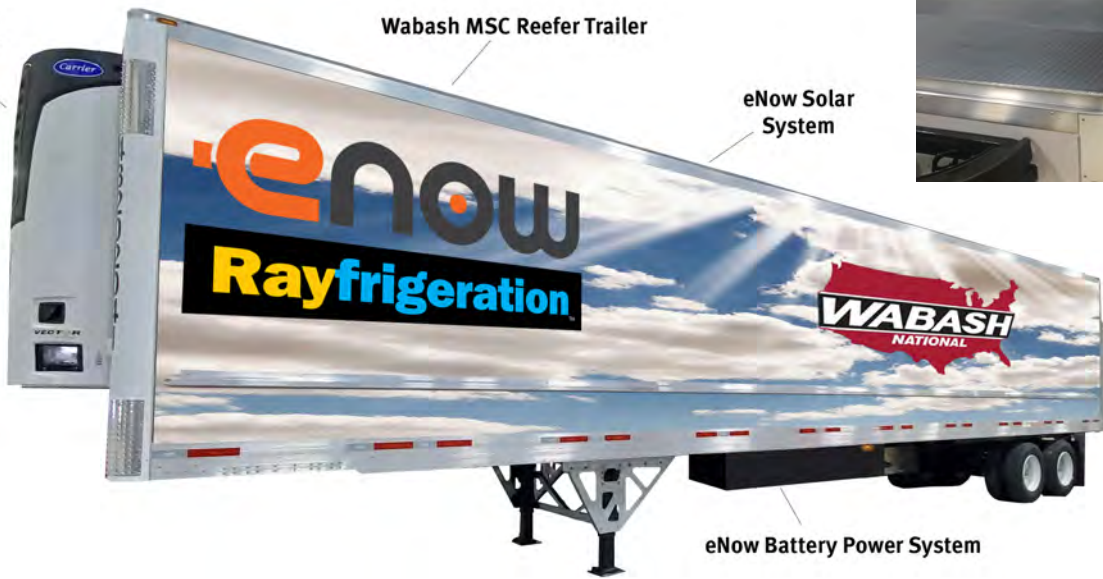


Carrier All-Electric Vector 8100 Reefer

Wabash MSC Reefer Trailer

eNow Solar System

eNow Battery Power System



# Rayfrigeration™ Trailers from Proven Industry Leaders.

eNow has teamed with Carrier and Wabash to deliver the most reliable zero-emission eTRUs available.

Our complete solution includes:

- eNow's proven 6.5 kW mobile solar system uses the most advanced technology in the industry – and is coupled with a high-performance energy storage system.
- Carrier's time-tested Vector 8100 single-temp is the most widely used electric reefer in the industry.
- Wabash's new MSC reefer trailer is the most thermal efficient and lightest weight trailer on the market.

Reduce reefer fleet operating costs by 50% or more.

It's a fact. eNow's solar-electric reefer system cuts fleet operating costs in half compared to traditional diesel reefers. And, they have an asset life of 3-5 years longer. [VIEW COMPARISON](#)

Cost Comparison	
Diesel Trailer Refrigeration System	eNow Rayfrigeration Trailer System
Initial Investment	Initial Investment
Operating Costs	Operating Costs
Asset Life	Asset Life
Total Cost of Ownership	Total Cost of Ownership

CORE voucher incentives for the eNow system are available now!

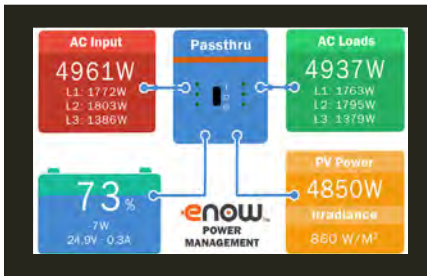
Fleets ready to commit can receive substantial CARB-CORE Voucher Incentives to cover part of the cost.

Billions of cap-and-trade dollars have been put to work by the CORE (Clean Off-Road Equipment) project to help reduce greenhouse gas emissions. CORE is CARB project and part of California Climate Investments. [CONFIRM CORE VOUCHER AVAILABILITY](#)



POWERING POSSIBILITIES  
ENOWENERGY.COM

# The eNow Rayfrigeration™ Trailer System



## eNow Rayfrigeration System:

- Patented, advanced design and eNow ‘solar pioneer’ experience means our systems are optimized for heavy-duty commercial transportation.
- Solar unit includes up to 6.5kW of 1/8” thin, weather-proof, high-performance solar modules.
- Power unit is modular and includes: MPPT charge controller, up to 20/40/60/80 kWh 48V lithium-ion battery, power inverter, wire harness and protective enclosures.
- Monitoring unit includes: a CANBus based, touch-screen diagnostic and monitoring system with remote access.
- eTRU power charging station with 208VAC – 480VAC 3-phase corded connector system.

[MORE INFO](#)

## Carrier Vector™ 8100 Reefer:

- Best-in-class, high-reliability, all-electric reefer unit eliminates noise, emissions and fuel consumption associated with traditional diesel TRUs.
- Environmentally sustainable system a lower carbon footprint, and an extremely quiet solution for operations with residential neighbors sensitive to diesel noise.
- Orbcam data collection and temperature management, maintenance, and logistics.
- TRU-Demand™ energy management logic monitors and efficiently regulates power draw to extend runtime and save energy when connected to shore power.

[MORE INFO](#)

## Wabash MSC Reefer Trailer:

- Revolutionary Molded Structural Composite (MSC) technology improves thermal efficiency, reduces weight and extends product life for higher return on investment.
- Boosts thermal performance by up to 28%.
- Structural strength eliminates need for metal or wood; up to 24k floor rating for backhaul; 2X puncture resistance, while gel coat protects against water intrusion and weight gain. [MORE INFO](#)



For eNow Rayfrigeration System sales info contact Wabash National at (855) 530-3870 or [Sales@WabashNational.com](mailto:Sales@WabashNational.com)





# Cost Comparison: Diesel vs eNow Rayfrigeration™ Trailer System

## Diesel Trailer Refrigeration System

Route Hours Operation per Day-Diesel	10.0	Hrs.
Route Hours Operation per Day-Electric	NA	
TRU Fuel Consumption - Average Per Hour	0.75	Gal/Hr.
TRU Fuel Consumption - Total	7.50	Gallons
Fuel Cost per Usage Unit	<b>\$3.28</b>	<b>Per Gal - CA</b>
<b>Fuel Cost - Total</b>	<b>\$24.60</b>	<b>Fuel Cost</b>

<b>Maintenance cost per Hour</b>	<b>\$1.50</b>	<b>Per Hour</b>
Total Maintenance Cost - (Route Hours)	\$15.00	Route Maint

<b>In-Yard or Dock Hours Operation</b>	<b>5</b>	<b>Hrs.</b>
Fuel Consumption - Average Per Hour	1.00	Gal/Hr.
Fuel Consumption - Total	5.00	Gallons
Fuel Cost per Usage Unit	\$3.28	Per Gal
Fuel Cost - Total	\$16.40	Fuel Cost

Maintenance cost per Hour	\$1.50	Per Hour
Total Maintenance Cost (Dock Hours)	\$7.50	Dock Maint

Total Cost per Day	\$63.50	
Operational Days per Week	7	
Total Cost per Week	\$444.50	
<b>Total Operating Cost per Month</b>	<b>\$1,926.17</b>	
Cost per Year	\$23,114.00	
Diesel Fuel Gallons Used per Year	4,563	Gallons
kWh of Electricity Used per Year	NA	kWhrs

**Annual Carbon Footprint Savings 0 Tons CO<sub>2</sub>**

## eNow Rayfrigeration Trailer System

Route Hours Operation per Day-Electric	10.0	Hrs.
Route Hours Operation per Day-Diesel	NA	Hrs.
TRU Electric Usage - Per Hour	6.65	kW
TRU Electric Consumption - Total per Day	66.50	kWh
Solar Generation per Daily Route	(24.60)	kWh
Electric Cost per Usage Unit	<b>\$0.14</b>	<b>kWh - CA</b>
<b>Fuel Cost - Total</b>	<b>\$5.87</b>	<b>Kw Cost</b>

<b>Maintenance cost per Hour</b>	<b>\$0.50</b>	<b>Per Hour</b>
Total Maintenance Cost - (Route Hours)	\$5.00	Route Maint

<b>In-Yard or Dock Hours Operation</b>	<b>5</b>	<b>Hrs.</b>
Electric Usage - Per Hour	3.99	kW
Electric Consumption - Total	19.95	kWh
Electric Cost per Usage Unit	\$0.14	kWh - CA
Electric Cost - Total	\$2.79	Kw Cost

Maintenance cost per Hour	\$0.50	Per Hour
Total Maintenance Cost (Dock Hours)	\$2.50	Dock Maint

Total Cost per Day	\$16.16	
Operational Days per Week	7	
Total Cost per Week	\$113.11	
<b>Total Operating Cost per Month</b>	<b>\$490.16</b>	
Cost per Year	\$5,881.88	
Diesel Fuel Gallons Used per Year	NA	Gallons
kWh of Electricity Used per Year	22,575	kWh

**Annual Carbon Footprint Savings 33 Tons CO<sub>2</sub>**