

SHOREPOWERTM TECHNOLOGIES

Saving Fuel for the Long-Haul



Jubitz Travel Center, Portland, OR

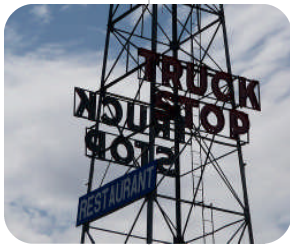
Truck Stop Electrification



Everyone wins.



Shorepower connections provide all the comforts of home including HVAC, cable TV and wireless internet. With razor-thin trucking industry margins, every dollar counts. Plugging into a Shorepower pedestal helps long-haul trucks save an average of \$5,500 per year on fuel alone versus idling during mandatory rest periods. The service also helps drivers safely comply with the nation's increasing anti-idling laws. Drivers also benefit from a better night's rest in addition to cleaner, healthier air. Shorepower provides consistent, high quality service for drivers that take comfort in using a recognizable product that is safe and simple to use.

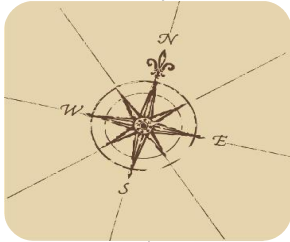


With competition stronger than ever, Shorepower distinguishes truck stops and travel centers by offering an inexpensive, reliable plug-in service that allows drivers to take advantage of all the comforts of home without idling. Truck stops equipped with Shorepower can significantly reduce air and noise pollution, improving quality of life in the local community. Plus, operators add new revenue streams by sharing in the gross usage revenue and sales of additional appliances and installation kits. Best of all, there are no up-front costs or monthly out-of-pocket expenses—Shorepower operates and maintains everything.

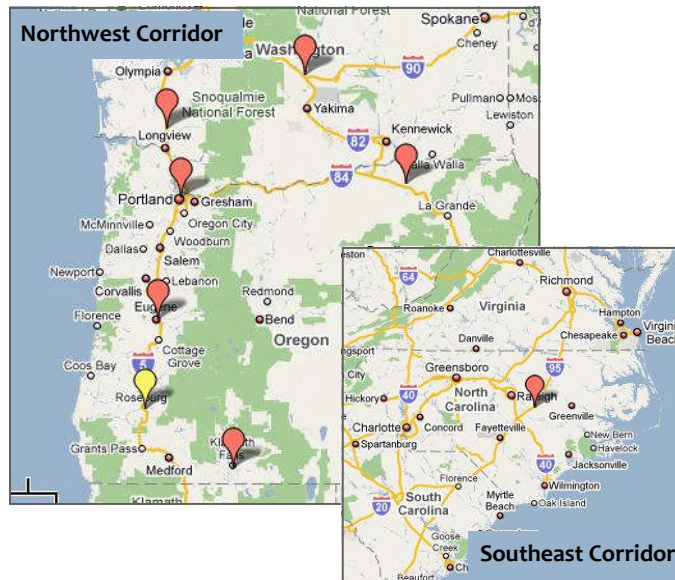


Shorepower's environmental benefits are numerous. If every long-haul truck in the United States simply plugged in, our country would save 2 billion gallons of diesel fuel per year, reducing our reliance on foreign oil and removing over 80,000 tons of nitrogen oxide, 2,200 tons of particulate matter, and 5.6 million tons of carbon dioxide from the atmosphere. Shorepower's technology is a viable long-term solution to reducing petroleum consumption and toxic emissions.

Shorepower network.



Shorepower is rapidly deploying TSE technology at truck stops, rest areas, travel plazas, warehouses, retail parking lots and truck depots across North America. Our current locations can be found along major truck corridors in the Northwest and Southeast U.S., with more sites coming soon.



- Broadway Flying J—(I-90 Exit 109), Ellensburg, WA
- Truck 'N Travel TA—(I-5 Exit 199), Coburg, OR
- Jubitz Travel Center—(I-5 Exit 307), Portland, OR
- Gee Cee's Truck Stop—(I-5 Exit 57), Toledo, WA *
- Mollies Truck Stop—(US 97 North), Klamath Falls, OR
- Arrowhead Travel Plaza—(I-84, Exit 216), Pendleton, OR
- Big Boy's Truck Stop—(I-95 Exit 105) Kenly, NC *

Coming Soon!

- 7 Feathers Truck & Travel Center—(I-5 Exit 99), Canyonville, OR

* Cable TV not available

Questions and answers.



How does it work?

Shorepower delivers 120/208VAC electricity to trucks in a manner similar to shore power connections at RV parks and marinas. Virtually all major heavy-duty truck manufacturers recognize the benefits of shore power technologies and offer systems on their Class 8 sleeper cab models.

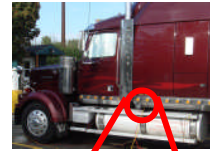
What do I need to hook-up?

In order to connect, you need:

A heavy-duty extension cord
+ any 120V appliance or

or


On-board shore power
capability (an option on



What is the cost?

	<u>Startup fee</u>	<u>Usage fee</u>
Standard package	\$1.00	\$1.00/hr
<ul style="list-style-type: none"> ▶ Electricity for cab appliances and accessories – 120/208 VAC ▶ Block heater electricity ▶ Cable TV (most locations) 		
Electricity only	\$0.75	\$0.75/hr
WiFi Internet only (some locations)	-	\$4.95/day

Compare the options.



When comparing TSE options, Shorepower emerges the clear winner. Compared to off-board systems, Shorepower:

- ▶ Is up to 90% less expensive to build
- ▶ Is up to 65% less expensive for the driver to use
- ▶ Yields the highest overall savings for drivers over the long term
- ▶ Is SmartGrid/V2G capable
- ▶ Monitors energy credits
- ▶ Can optionally include EV charging station infrastructure for light-duty vehicles

Truck Stop Electrification Comparison

	Shorepower	Off-board systems (IdleAire)	APU*/Genset	Idling
Total 5-Year Cost Savings (1 gal/hour @ \$3.25)	\$18,750	\$11,240	\$11,575	\$0
Average hourly cost	\$1.00	\$2.89	\$1.96	\$3.25
Automated payment/ control system	◆	◆		
Telecom/internet services	◆	◆		
Power source	Grid	Grid	Diesel	Diesel
Smart Grid/V2G capability/energy credit monitoring	◆			
Includes EV Charging Station infrastructure	◆			
Eliminates local exhaust emissions and noise	◆	◆		

* APU = Auxiliary Power Unit, a portable, truck-mounted system that can provide climate control and power

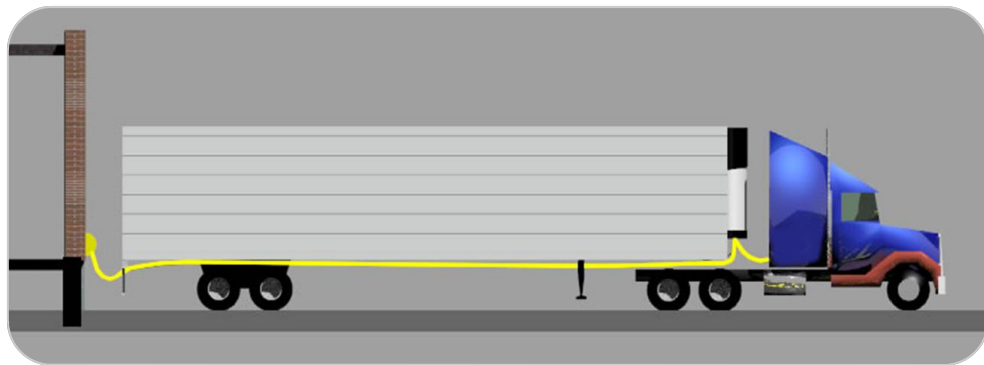
Trailer refrigeration.



Today, more than 75% of food shipped in the US is refrigerated, an enormous undertaking that has traditionally been handled by diesel-fueled trailer refrigeration units or “reefers.” Many states are now attempting to control their use in an effort to reduce air and noise pollution. As a result, many TRU fleets are switching to electric power (eTRUs).

Shorepower provides 30 or 50 amp+ voltage (up to 480 VAC 3-phase) for electric hybrid Trailer Refrigeration Units (eTRU). Shorepower’s proprietary control system can even generate power back to the grid during peak periods.

Warehouse, fleet, and parking facility operators that provide Shorepower eTRU connections gain a competitive advantage and help drivers comply with ever-increasing government regulations, making everyone look good in the process.



Shorepower Trailer Wiring System for eTRUs Warehouse/Loading Dock/Truck stops
US Patent No. 7,241,146

Green transportation for all.



In addition to Truck Stop Electrification, Shorepower offers charging stations for electric and plug-in hybrid vehicles. Progressive travel centers now have the opportunity to offer clean fuel options to both heavy and light-duty customers, and further distinguish their facilities as green-friendly and cutting edge. Shorepower charging stations are simple, scalable, can be placed almost anywhere and do not require substantial infrastructure investment, unlike competing technologies.



Charging stations come in either free-standing pedestal or wall mount design, and can charge up to 4 vehicles at the same time, helping to minimize installation costs. Constructed entirely of stainless steel for high durability, stock units include an illuminated retro-fuel pump dome designed to have a high visual impact and be easily recognizable; units can also be custom branded.



Specifications (pedestal)

- ▶ Four (4) Level 1 outlets – standard 120 volt, 20 amp outlets (NEMA 5-20R)
- ▶ Fully upgradeable to future Level 2, SAE J1772 standards, with corded connector
- ▶ Backlit outlets for nighttime visibility
- ▶ Weather resistant
- ▶ 87” tall x 18” wide x 10.5” deep; 100 pounds
- ▶ Recommended power: 240 volt or 208 volt ; 100 amp 4 wire circuit

Options

- ▶ Energy control monitor
- ▶ Remote on and off control
- ▶ Payment & control system

Upgradeability

- ▶ Stations can be retrofitted to meet new charging standards (SAE Standard J1772) to support 2 vehicles charging at 208 or 240 volts at 32 amps.
- ▶ Auto manufacturers expected to sell vehicles in 2010 that use new standards.

About us.



Shorepower designs, builds and distributes electric transportation infrastructure.

Since 2005, Shorepower has been a leader in cost-effective Truck Stop Electrification, allowing truck operators to cheaply and easily connect to the electrical grid and comply with anti-idling laws. Shorepower is also a front-runner in plug-in technology for passenger vehicles, offering electric charging stations for commercial and residential use.

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Did you know...

Every year in the US more than 2 billion of gallons of diesel fuel are wasted by long-haul trucks idling during mandatory rest periods, not to mention millions of pounds of greenhouse gas emissions needlessly spewed into the air.