Advanced Alternatives to Idling -- A Success Report

Diesel Emissions Reductions Workshops

Arizona -- June 29-30, 2005

Tom Badgett, Chief Information Officer

IdleAire Technologies Corporation
410 Cedar Bluff Road, Suite 200
Knoxville, TN 37923
Who Is IdleAire

- ShorePower And More
- 23 Commercial Locations
- 600 Travel Center Contracts
- $1,000^+$ Fleet Contracts
- $150,000^+$ Trained Driver Members
- $\sim4$ Million Hours of Service
- $\sim4$ Million Gallons of Diesel Fuel Saved
- $40,000^+$ Metric Tons Emissions Removed
IdleAire History

- 1999
- June 2000
- August 2000
- August 2001
- May 2003
Advanced Travel Center Electrification™

23 Commercial Locations & Growing

The ONLY Electrification System that allows 80% of National Chains to Stop Idling TODAY

48% of Total Travel Center Market
Overhead Services Delivery
ATE ShorePower & More

Standard Services
Remote Controlled Power
120/208 VAC ShorePower
Filtered Heating and Air Conditioning
In-Cab Computer With Touch Screen
Internet Access With Email
Satellite TV
Telephone Connection

Optional Services
Video & Movies on Demand
In-Cab Training (Interactive Video)
Discount Long Distance Calling
Ethernet & WiFi Internet connections

Over 1,000 Contracted Fleets
Over 150,000 Members/Users
Over 4 Million Hours of Service
Over 4 Million Gallons of Diesel Saved
Over 40,000 Tons of Emissions Reduced
ShorePower Service Module (Front)

- Night Light: Lighted On/Off Button for easy finding in the dark.
- 120V Electric Outlets: Inside and outside your cab for appliances, block/fuel heaters, and other accessories.
- Internet: High-Speed Ethernet Port for Internet on your computer; Wireless Internet also available.
- Central Heat & Air: Thermostat controlled filtered air flow, recycled from your cab.
- Card Reader: Slide your member card and follow instructions.
- Built-in Touch Screen Computer: Control your "Home-On-The-Road" and surf the Internet.
- Help: Available 24x7. On-Screen Context-Sensitive Help or dial 611 from your cab phone or 800-738-7024 from any phone.
- Go Buttons: One-Touch Access to Web, Email.
- USB Ports: Use a keyboard, mouse.
- Telephone: Plug in a regular phone for incoming.
- Television: Connect your TV with standard COAX cable for viewing.
ShorePower Service Module (Rear)

Drivers who only need Electric Service (TSE—Shore Power) can utilize GFCI Electric Power available inside the cab as well as outside the cab. Plug access outside the cab shown.

ShorePower 120V Electric Outside the Cab

Security Locks at the top and bottom of the Service Module snap securely into the Window Adapter and can only be disengaged from inside the cab. Easy installation: Click, Click, Done.

Shore Power

120V

110V for Fuel and Engine Block Heaters

Installation Handle
ATE In-Cab View

Clean,
Quiet,
Vibration-Free
Resting
Environment
# Arizona ATE TruckStops

<table>
<thead>
<tr>
<th>County</th>
<th>Spaces</th>
<th>Truckstops</th>
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<tbody>
<tr>
<td>Apache</td>
<td>250</td>
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<tr>
<td>Cochise</td>
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<td>Coconino</td>
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<tr>
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<tr>
<td>Yuma</td>
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<tr>
<td><strong>TOTALS:</strong></td>
<td><strong>6,244</strong></td>
<td><strong>46</strong></td>
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Sites with 50+ Spaces

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<tr>
<th>Emission</th>
<th>Annual Emission Reductions</th>
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<tr>
<td>NOx</td>
<td>1,182</td>
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<tr>
<td>PM</td>
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<tr>
<td>CO</td>
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**Total (Metric Tons): 92,755**
Possible Phase I Project

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<td><strong>Totals</strong></td>
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</table>

Annual Emissions Reduction: **28,299** Metric Tons
IdleAire 2005-06 Construction

- 20 National Truckstops Built
- 71 Bond Sites (some grants on these sites)
- 11 Grant Funding (IA matching funds other than bond issue)
Truck Stop Electrification for the 21st Century

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