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<td><strong>Docket Number:</strong></td>
<td>19-TRAN-02</td>
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<tr>
<td><strong>Project Title:</strong></td>
<td>Medium- and Heavy-Duty Zero-Emission Vehicles and Infrastructure</td>
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<td><strong>TN #:</strong></td>
<td>230548</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>Wayne Michaud Comments - Idle Reduction Technology</td>
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<tr>
<td><strong>Description:</strong></td>
<td>N/A</td>
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<td><strong>Filer:</strong></td>
<td>System</td>
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<td><strong>Organization:</strong></td>
<td>Wayne Michaud</td>
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<td><strong>Submitter Role:</strong></td>
<td>Public</td>
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<td><strong>Submission Date:</strong></td>
<td>11/8/2019 1:50:19 PM</td>
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<td><strong>Docketed Date:</strong></td>
<td>11/8/2019</td>
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Idle Reduction Technology

Please view comments in attachment.

Additional submitted attachment is included below.
Does your fleet have a costly idling problem?

The GRIP Idle Management System reduces fuel consumption, engine wear, maintenance costs, fuel costs, and much more.

GRIP Idle Management Inc.
6-1404 Cormorant Rd., Ancaster, ON L9G 4V5
+1 (844) 304-0400 | info@gripidlemanagement.com

WWW.GRIPIDLEMANAGEMENT.COM
In most cases, fleets idle for 65-75% of their daily use. In an 8-hour shift, that’s approximately 6 hours of idling every day -- which equates to $14.40 of wasted fuel per vehicle.

If one hour of idling is equivalent to 32.9 miles of engine wear, then a typical fleet, idling 65-75% of an 8-hour shift, adds an average of 197.4 miles of engine wear per vehicle, every single day. If one mile is equal to $0.07 of associated maintenance costs, a typical fleet adds an additional $13.82 in maintenance costs per vehicle, every day.

Though it may be buried, these hidden miles of additional engine wear are actually shortening vehicle life, causing fleet managers to purchase new vehicles more frequent -- one more added cost to your annual budget.

When vehicles are removed from use for maintenance, it incurs a significant cost to fleet managers. Not only are added shop and maintenance hours a contributing factor to increased costs, but the requirement for additional vehicles for use as a backup as well. In order to ensure the operators and end users can continue to work and provide service without disruption, backup vehicles are a necessity. This means that those additional engine wear hours have a significant trickle-down impact on your budget’s bottom-line for associated maintenance costs.

Reducing your fleet’s idling reduces your fleet’s operational costs.

Case study: a modest look at London Hydro’s GRIP success

With the GRIP Idle Management System installed, London Hydro was able to reduce their idle time by 56% overall.

Deploying the GRIP system in both work trucks and bucket trucks within their fleet, London Hydro reduced idling hours, emissions output, fuel consumption, engine wear, and operational costs.

Without the GRIP system installed, London Hydro would have spent a total of 6,014 hours idling annually.

- **Reduced Idling Hours**
  With the GRIP system installed, that 6,014 hours reduced to 2,645 hours; a total idle time reduction of 56%

- **Reduced Fuel Consumption & Costs**
  The relative fuel savings resulted in 12,004 liters and $13,957 saved.

- **Reduce Maintenance Costs**
  London Hydro managed to save 178,573 km of engine wear and $10,714 in maintenance costs.

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