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## “Espar Helping Seattle School Boards” Video Transcript

### VIDEO DESCRIPTION:

Length 02:34 min

As reported on K5 News in Seattle, Espar is playing a big role in helping school districts in Seattle realize drastic reductions in carbon emissions caused by idling school buses.

### VIDEO TRANSCRIPT:

(Host) King5 NEWS starts now...

It's a cold morning ritual that wastes fuel and produces harmful exhaust warming up those school buses, a wasteful ritual indeed. But its environmental specialist Gary Chittim shows us its finally being phased out.

(Gary Chittim, Environmental Specialist) During her sixteen years behind a wheel of a school bus, Trish Russell has learned: Cold mornings are a drag.

(Trish Russell, School Bus driver, North Shore District) Our windows are all frosted up, you can't see out your mirrors or anything...

(Gary Chittim, Environmental Specialist) In the past that Mam getting to work early to start the bus and let it warm up...

(Jeff Farquharson, Shop Foreman, Northshore Schools) we would have busses idling for 10-15 minutes trying to warm up...

(Gary Chittim, Environmental Specialist) An idling bus wastes fuel... and worse, it exposes children to harmful emissions. The 2005 study by UW Professor Sally Lou founds students who constantly are exposed to emissions from school bus crankcases when they were nearby. That got state ecology and school leaders coming up with a challenge.

The Problem was how to heat a big space like that and warm up the engine at the same time? The answer is right under here!

The Box does what and engine can but it does it without all the fuel and emission. They have been using it for a year now in the North Shore district. And an hour before the drivers arrive, the box is warming up the bus...

(Jeff Farquharson, Shop Foreman, Northshore Schools) It's a small diesel burner heats the coolant and a small pump pumps the coolant from the engine all the way to the heaters in the front of the bus and back to the rear of the engine.

(Gary Chittim, Environmental Specialist) And the cold bus is warm, cosy and ready to roll with a fraction of fuel and emissions.

(Leanna Albrecht) With 49 Buses we save about 15,000 dollars a year.

(Gary Chittim, Environmental Specialist) It's a breath of fresh air for students who are off near buses idling to stay warm during pickups, drop-offs and field trips. And it's a warm welcome for drivers every day. In Bothell, Gary Chittim, King5 News!

(Host) The state department of ecology is using from the “Voter Approved Hazardous Substance Fund” to supply 8 more school districts with these boxes...