What?

- Also known as: Truck Stop Electrification Stations
- Stationary, off-board idling reduction technology that allow trucks to “plug” into electric grids to power their cabins.
- There are two types:
  » Single unit EPS supply power and climate control from an off-board HVAC unit from above each parking space.
  » Dual unit EPS allow trucks to plug into the grid to power their cabins, but require that HVAC units for climate control be installed on the truck itself.

Why?

- Idle reduction will remove thousands of toxic chemicals and particulates from our air, greatly improving the respiratory health of the Lower West Side.
- It will also almost eliminate the amount of emissions truck drivers inhale inside the cabin while idling.
- Eliminating idling trucks reduces the amount of noise pollution burdening the neighbors of the Peace Bridge.
- Truck idling reduction saves money!
  » An hour of idling consumes a gallon of diesel at $3.83 a gallon (Oct. 2011) - idling for 8 hours = 30.64 x 300 days a year (on average) = $9,192 spent while a driver is just sleeping
  » Plugging into a grid costs about $2.45 an hour, $19.60 for 8 hours, and $5,880 a year - saving, at least, $3,312 a truck a year.
  » Idling also increases engine wear requiring additional costs in repairs and replacement
- Reduction in idling reduces the amount of oil consumed in the United States- lowering our foreign dependence, as well as reducing our contribution to greenhouse gas emissions