



State of Oregon
**Department of
 Environmental
 Quality**

Memo

To: Low Carbon Fuel Standards Advisory Committee

From: Cory-Ann Wind, AQ Planner

Date: 21 October, 2010

Re: Incremental Vehicle Costs

As requested at the LCFS advisory committee meeting on October 14, 2020, here are the incremental vehicle costs as provided by TIAX.

Here are the light duty autos incremental costs:

	Incremental Cost			
	2000	2010	2020	2030
EV	15,282	14,842	14,031	13,819
E-85 FFV	282	284	368	336
Diesel	2,469	2,233	2,116	1,998
CNG	9,051	8,816	8,699	8,464
Gasoline HEV	4,702	3,527	3,291	3,056
Diesel HEV	7,664	6,096	5,704	5,316
Gasoline PHEV	18,808	8,934	7,053	6,348

Here are light duty truck incremental costs:

	2000	2010	2020	2030
EV	19,652	18,496	18,246	17,999
E-85 FFV	462	275	453	298
Diesel	2,647	2,485	2,185	2,081
CNG	8,092	7,745	7,630	7,514
Gasoline HEV	5,780	4,162	3,930	3,699
Diesel HEV	9,317	7,558	6,820	6,346
Gasoline PHEV	20,230	11,930	10,404	8,786

VISION doesn't have incremental costs for med or heavy duty CNG vehicles. For heavy duty CNG trucks the incremental cost is \$75,000 based on the Cummins Westport ILSG. For the MD CNG vehicle, we averaged the HD and LD incremental cost which is \$43,000.