

## **PSTA ECO-4 Fuel System MPG Update August 29, 2016**

<b><u>Bus#</u></b>	<b><u>ECO#</u></b>	<b><u>MPG Before</u></b>	<b><u>MPG After</u></b>	<b><u>MPG % Difference</u></b>	<b><u>Miles on Bus</u></b>
10101	0-8604	5.18	5.52	+6.56%	346,450
10107	0-8730	5.16	4.16	-19.37%	287,447
10105	0-8878	5.18	6.93	+33.78%	350,539
10111	0-1474	5.21	6.02	+15.54%	324,602
10112	0-9568	4.82	3.96	-17.8%	313,750
10109	0-9572	5.20	5.73	+10.19%	320,499
10102	0-9573	4.40	4.29	-2.50%	357,915
10114	0-9580	4.96	5.07	+2.21%	333,604
10106	0-9565	4.70	5.81	+23.61%	286,340
10113	0-8564	4.96	6.55	<u>+32.05%</u>	316,805

**Average % of fuel saved on 10 Cummins ISB motors            +8.427%**

**Time between REGEN's increased average 14.6% with reduced severity.**

**No Forced REGEN Cycles required.**

Note: All installations were done on Cummins Diesel ISB (250 HP) motors with high mileage.