

	Conventional Diesel Bus	Hybrid Diesel Bus	Conventional CNG Bus	Projected Hybrid CNG Bus
Vehicle Cost	\$ 350,000	\$ 531,000	\$ 410,000	\$ 591,000
FTA Subsidy	80%	83%	83%	83%
Transit Agency Contribution with FTA Subsidy	\$ 70,000	\$ 90,270	\$ 69,700	\$ 100,470
Incremental Cost (with Subsidies)	Baseline	\$ 20,270	\$ (300)	\$ 30,470
Fuel Economy (MPG) GGE	3.40	4.42	2.40	3.12
Fuel Economy Improvement	Baseline	30%	-29%	-8%
Fuel Cost/Gallon Gasoline Equivalent	\$ 2.17	\$ 2.17	\$ 1.17	
Fuel Cost/Mile	\$ 0.64	\$ 0.49	\$ 0.49	#VALUE!
Fuel usage (Gallons/yr)	11,765	9,050	16,667	12,821
Annual Estimated Fuel Cost	\$ 25,529	\$ 19,638	\$ 19,500	#VALUE!
Urea Cost/mile	\$ 0.031	\$ 0.024		
Yearly Urea Cost	\$ 1,235	\$ 950		
Particulate Filter Maintenance Cost/yr	\$ 300.00	\$ 300.00		
Aftertreatment operating cost/year	\$ 1,535	\$ 1,250	\$ -	
Aftertreatment cost savings/year	\$ -	\$ 285	\$ 1,535	\$ 1,535
Yearly Brake Maintenance	\$ 1,200	\$ 300	\$ 1,200	\$ 300
Total 12yr CO2 Emissions (lbs)	3,138,353 lbs	2,414,118 lbs	2,907,059 lbs	2,236,199 lbs
CO2 Reduction (lbs)	Baseline	724,235 lbs	231,294 lbs	902,154 lbs
CO2 Reduction (ton)	Baseline	362 ton	116 ton	451 ton
% CO2 Reduction	Baseline	23%	7%	29%
Fuel/Brakes Operating Costs / Year	\$ 28,265	\$ 21,188	\$ 20,700	#VALUE!
Lifetime Operating Costs	\$ 409,176	\$ 344,529	\$ 318,100	#VALUE!
Lifetime Operating Costs Savings	Baseline	\$ 64,648	\$ 91,076	#VALUE!
ROI (Yrs)	Baseline	2.9 Yrs	0.0 Yrs	#VALUE!

Assuming CNG fueling station/upgrades included in