

Transit Connect Electric Fuel / Emissions Savings

Pickup Truck / Sedan / Small SUV / Cargo Van Fuel Savings and CO2 Impact versus Transit Connect - Electric	2011	2011	2011	2011	2011
	Pickup Truck	Sedan	Cargo Van	Small SUV	Transit Connect
	Gasoline	Gasoline	Gasoline	Gasoline	Electric - TCE
EPA Test Rating City MPG ¹	15	16	17	19	N / A
Miles per year	15,000	15,000	15,000	15,000	15,000
Annual Gallons Gasoline	1,000	938	882	789	N / A
Hours Idling per Day	1.14	1.14	1.14	1.14	
Annual Gallons Gasoline Idling	285	285	285	285	
Total Annual Gallons Gasoline	1,285	1,223	1,167	1,074	
Annual kWh ²	N / A	N / A	N / A	N / A	4,800
Cost Per Gallon	\$3.690	\$3.690	\$3.690	\$3.690	N / A
Electricity cost per kWh	N / A	N / A	N / A	N / A	\$0.1011
Annual Fuel / Electricity Cost	\$4,742	\$4,511	\$4,308	\$3,965	\$485
Average Daily Fuel / Energy Cost	\$18.97	\$18.04	\$17.23	\$15.86	\$1.94
Annual Cost Reduction Percent vs TCE	89.8%	89.2%	88.7%	87.8%	N / A
Annual Fuel Cost Savings vs TCE	\$4,256	\$4,026	\$3,822	\$3,480	N / A
Annual Maintenance Cost Savings vs TCE	\$999	\$960	\$921	\$927	
Total Annual Cost Savings vs TCE	\$5,255	\$4,986	\$4,744	\$4,407	
Annual lbs of CO ₂ Emissions per year ³	19,400	18,188	17,118	15,316	0

¹ EPA City MPG, ² 19.2 kWh per day (60 mile daily use) * 250 operating days per year = 4,800 kWh per year, ³ 19.4 lbs of CO₂ / gal gasoline