



Envision Motor Company Dealer Solar Partnership



Annual Miles Driven	Required Additional Solar	Cost of Additional kW	Cost After Rebates and Federal Tax Credit	30 Year Gas Savings	CO2 Emission Reduction
5,000 miles/year	1.0 kW	\$6,000	\$3,850	\$19,500	4,850 lb/yr or 2.4 ton/yr 145,500 lb/30yr or 72.8 ton/30yr
10,000 miles/year	1.9 kW	\$11,400	\$7,420	\$39,000	9,700 lb/yr or 4.9 tons/yr 291,000 lb/30yr or 145.5 ton/30yr
15,000 miles / year (or 2 cars, 7,500 miles/year)	2.9 kW	\$17,400	\$11,200	\$58,000	14,550 lb/yr or 7.2 ton/yr 436,500 lb/30yr or 218.3 ton/yr
20,000 miles / year (or 2 cars, 10,000 miles/year)	3.8 kW	\$22,800	\$14,650	\$78,000	19,400 lb/year or 9.7 ton/yr 582,000 lb/30yr or 291 ton/yr

Assumptions:

4 mi/kwh

Gas comparison based on 23mpg and \$3.00/gal, 19.4 lb of CO2/gal gas

System size will need to increase for locations with lower solar access or less than optimal tilt and orientation.

Free Solar Analysis Widget

Visit www.recsolar.com to design your own solar electric system.

Find out your solar savings in minutes!