

1st Year Electricity Generation = 2,320 kwh

**Estimate for: A Connecticut Home with Electric Car**

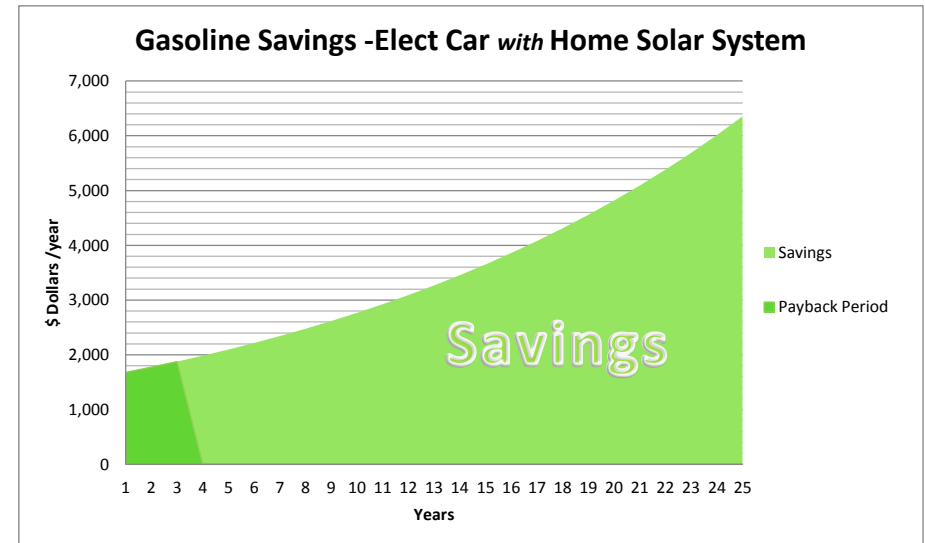
**2 kilowatt Photovoltaic (PV) Solar System with Electric Car**

Gasoline Saving of \$140 per month - then increasing		
<b>Photovoltaic Solar System Purchase</b>	\$	<b>(13,530)</b>
Connecticut Clean Energy Rebate	\$	4,400
Federal Tax Credit (30% of purchase price)	\$	2,739
	\$	-
<b>Net Cost of System</b>	\$	<b>(6,391)</b>
<b>Gasoline Savings over 25 years</b>	\$	<b>88,371</b>
<b>Cash Flow after 25 Years</b>	\$	<b>81,980</b>
<b>Internal Rate of Return over 25 years</b>		<b>29.9%</b>
<b>Simple Payback (years)</b>		<b>3.8</b>
<b>25 years of CO2 Emitted with Electric Vehicle</b>		<b>None</b>
<b>25 years of CO2 Emitted with Gasoline Vehicle</b>		<b>100 tons</b>

Assumptions

- 5 miles per kilowatt hour electric vehicle performance
- Gasoline vehicle performance of 25 miles per gallon
- Average of 12,000 miles driven per year
- 5.7% annual increase in gasoline price/gal (past 50 year average)

Note: Electric Vehicle purchases currently receive a \$7,500 Federal rebate



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