

Sample MA Residential Photovoltaic System Costs and Incentives

Depending on your electrical demand, site and financial considerations, we will design an optimal PV system, quote the cost and provide a turn key contract.



PV System Size	9.9 kW Roof	5.94 kW Roof	7.92 kW All Earth Tracker	4.95 kW 1 Pole
Estimated Annual Electrical Generation	11385 kWh	6831 kWh	12,045 kWh	5,792 kWh
Total Materials and Installed Cost Estimated	\$33,660	\$21,087	\$40,470	\$23,700
FEDERAL tax credit (30% of total system cost, ends 12/2019, may be rolled over) *	\$10,098	\$6,326	\$12,141	\$7,110
MA State tax credit (15% up to \$1000)	\$1,000	\$1,000	\$1,000	\$1,000
Net Cost	\$22,562	\$13,761	\$27,329	\$15,590
Annual Avoided Electrical Costs Estimated (@17¢/kWhr)	\$1,936	\$1,161	\$2,048	\$985
Annual Solar Renewable Energy Credits Estimated @17¢/kWh varies with market rates for 10 year term	\$1,936	\$1,161	\$2,048	\$985
Simple Payback (if interconnection before SMART starts)	5.8 yrs	5.9 yrs	6.6 yrs	7.9 yrs
	<i>2 - 4 years SREC's positive cash flow</i>			
SMART Total energy credit (includes avoided electrical costs,) Estimated @25¢/kWhr (10year term)	\$2,846	\$1,708	\$3,011	\$1,448
Simple Payback (waiting for SMART start date and DPU ruling)	7.9 yrs	8 yrs	9 yrs	11 yrs

* We advise contacting a tax accountant for more details.

MA Clean Energy Center Residential Solar Loan Program

PV systems up to 10kW, 10 yr term

Loan support up to \$10,500 based on household size and income <http://www.masssolarloan.com/>

Household size	10% Loan support If Income line 22 is less than	30% Loan support If Income line 22 is less than
1	\$68,760	\$45,840
2	\$89,916	\$59,994
3	\$111,074	\$74,049
4	\$132,230	\$88,153



**Schedule your
Free Solar Site
assessment**

Call 413-772-3122



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