

Sample MA Residential Photovoltaic System Costs

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



PV System Size	9.6 kW Roof	5.4 kW Roof	3 kW Roof	9 kW 2 Pole All USA made	7.2 kW Tracker All USA made	4.5 kW 1 Pole All USA made
Estimated Annual Electrical Generation	11040 kWh	6210 kWh	3450 kWh	10,530 kWh	10,950 kWh	5,265 kWh
Estimated Total Materials and Installed Cost (USA made if possible)	\$33,600	\$19,980	\$11,700	\$43,075	\$39,230	\$22,030
FEDERAL tax credit (30% of total system cost, ends 12/2019, may be rolled over) *	\$10,080	\$5,994	\$3,510	\$12,992	\$11,769	\$6,609
MA State tax credit (15% up to \$1000)	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Cost after tax credits	\$22,520	\$12,986	\$7,190	\$29,083	\$26,461	\$14,421
Estimated Annual Avoided Electrical Costs (@17¢/kWhr)	\$1,877	\$1,055	\$586	\$1,790	\$1,861	\$895
Estimated Annual Solar Renewable Energy Credits (SREC2 for a 10 year term) (17¢/kWh varies with market rates)**(New program starts in 2018)	\$1,877	\$1,055	\$586	\$1,790	\$1,861	\$895
Simple Payback	6 yrs	6.2 yrs	6.2 yrs	8.1 yrs	7.1 yrs	8.1 yrs
<i>2 - 4 years SREC's positive cash flow</i>						

* We advise contacting a tax accountant for more details. ** See <http://www.mass.gov/eea/energy-utilities-clean-tech/renewable-energy/solar/rps-solar-carve-out-2/>

Call MassSave 866-527-7283

Free energy audit, Free air sealing and 75% off insulation up to \$2000 Heat Loan (0% interest up to \$25,000) for more insulation, windows, doors, high efficiency heating and solar hot water systems. Additional incentives for air source mini split heat pumps for heating and cooling

MA Clean Energy Center - Residential Loan Program

Available to ALL PV systems up to 10kW, Lower Interest Rate, 10 or 15 yr term, up to \$60,000

Household size	20% Loan support ***	30% Loan support ***
	If Income line 22 (2016) is less than	If Income line 22 (2016) is less than
1	\$68,002	\$45,335
2	\$88,926	\$59,284
3	\$109,850	\$73,233
4	\$130,774	\$87,183

*** of PV system total costs up to \$35,000

Call 413-772-3122 to Schedule your Free Solar Site assessment