



SoLED™ Lighting qualifies for Massachusetts Rebates of up to \$840 per Light

For Massachusetts companies and institutions, wireless, grid-independent, solar outdoor lighting has never been more affordable. In order to encourage local installations of renewable energy applications, the **Massachusetts Technology Collaborative (MTC)** has instituted a system of financial support in the form of rebates.

The **Small Renewables Initiative** invites rebate applications of up to \$50,000 for design and construction of customer sited eligible renewable energy projects that are up to 10 kilowatts in size. SOLED outdoor overhead lights from SolarOne Solutions qualify for rebates ranging between \$3.00-\$7.00 per watt of solar panel installed.

The renewable energy generation system(s) must be located at residential, commercial, industrial, or institutional facilities that are connected to one of the investor-owned electric distribution utilities in Massachusetts. The applicant may be a public or a private entity but must be the facility owner or occupant, and must be the electric utility customer of record.

For photovoltaic systems, the Small Renewable Rebate program is structured as follows:

- \$2.50/watt base rebate
- \$0.50/watt adder for Massachusetts components
- \$0.50/watt adder for critical load back-up
- \$0.50/watt adder for Economic Target Zone
- \$1.50/watt adder for LEED certified facilities
- \$1.50/watt adder for public buildings

At a minimum, installations of SoLED lights are assured of \$3.00 per watt rebates from the base rebate and from Massachusetts components.

The maximum possible rebate is \$7.00 per watt.

Systems must be monitored. To that end, SolarOne has put together a specially priced MTC Small Renewable Rebate monitoring package based on its Harvest-Store™ data logging system. This logger only adds \$150 (discounted from \$357 retail price) to the overall cost. It not only satisfies the program requirements but will provide useful information on system operation for operation, presentation and educational purposes

The following example illustrates **cost savings of almost 20%** with the MTC rebates when installing a system of 10 lights providing security lighting around the old public school in Long Meadow, Massachusetts. Each light is powered by a 120 watt photovoltaic panel and comes with the Harvest-Store MTC data logging package.

The system qualifies for the added re Massachusetts component, critical load, and public building rebates, but not the Economic Target Zone and LEED rebates. The total rebate is therefore \$5.00/watt or \$600 per light.

	Without Rebate	With Rebate
SOLED LSB-HL380-Super Lighting System	\$4,053	\$4,053
Harvest-Store data logging package	\$357	\$150
Installation and Pole*	\$660	\$660
MTC SR Rebate	\$0	(\$600)
Number of Lights	10	10
Total	\$50,700	\$42,630
Savings		\$8,070

* Cost of installation and pole costs will vary depending on several factors.

It is estimated that each set of 10 SOLED lights will offset 10 lamps, each one consuming on the order of 30 kw-hr per year. That translates to the following yearly reduction in pollution within the State of Massachusetts.

Type	Yearly amount
Greenhouse gases (CO ₂)	503 lbs
Nitrogen Oxides (NO _x)	1 lb
Sulfur Dioxide (SO ₂)	2 lbs
Mercury (Hg)	1 mg

In quantity, these systems may also be eligible for Renewable Energy Credits (RECs).

It is important to note that the rebate program is offered in blocks of \$1 million. Once the MTC has approved \$1 million of applications, the program ends and a new one is started, however the base rebate will decline by \$0.25. That applies to each successive program block. Of the two blocks of \$1 million have already been committed, and the rebate has declined twice. This rate of approval is expected to accelerate.

Additional state and federal incentives (www.dsireusa.org) still apply and well as the Massachusetts Clean Choice Program ([click here for details](#)).

Further details of the Small Renewables program can be found by visiting www.masstech.org/Grants_and_Awards/GBP/small_renewables_3_03.htm SolarOne look forward to helping you complete the simple, three-page application [form](#) which MTC expects to turn around within one month of submission. Form can be viewed at

For further information about how SOLED outdoor lights fit into your plans for pathways, sidewalks and shelters, please contact SolarOne at info@solarone.net or call 508-620-7652 offices to discuss your specific lighting needs.