



Unprecedented Price

1 kw Photovoltaic Solar Electric System

\$2,259 after incentives



This high quality, reliable, system includes

- 4 - 250 watt Canadian Solar PV panels with 25 year warranty
- 4 - Enphase micro inverters to simplify later expansion
- Enphase Envoy performance monitoring unit
- Enphase Enlighten web & mobile phone based remote monitoring
- Iron Ridge roof racking and complete installation (details on reverse)

This PV starter system was configured to maximize the savings available through government incentives and to be easily and cost effectively expanded. Plus Maine's new PACE energy loan program can help cover the costs.

We designed this entry-level system to be a cost effective way for families to cut their electric bills, reduce their environmental impact, and take their first step into the world of clean, free, solar electricity. This easily expandable system will provide about \$200 per year of electricity. With a warranty of 25 years and a life expectancy of over 40 years that's a lot of free power. With this grid tied system your home will remain connected to CMP so it is not necessary for your system to meet all your power needs. CMP will install a new net-use meter. When your PV system is creating more power than you are using CMP will credit this power to your account for use when the PV system is not producing electricity. This system allows easy expansion as your budget allows or your demand grows. One day you may buy an electric car and power it for free.

This is not a low-end system or a bait and switch trick. For 5 years we have been one of the leading solar installation companies in the area. Our staff is experienced, certified, and reliable and we have plenty of references to prove it. We use only the best products because our reputation is on the line.

Solaris is able to make this offer because

- We sized the system to take maximum advantage of the government incentives
- Last year the price of PV dropped significantly
- We carefully selected the system components to be incredibly cost effective and expandable
- We cut our margins to the minimum because the best way to generate interest in solar is for families to hear from their neighbors how much money they are saving.



Solaris

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Your system design and sizing

Add additional 1 kw bundles for just \$3,175 after \$1,360 Federal credit, when installed with initial order.

1 kw system	\$6,085	
Maine Rebate	-2,000	(arrives in about 4 weeks after install receipts are submitted)
Federal 30% Tax Credit	-1,826	(taken when you file your tax return, can be carried forward)
Your net cost	\$2,259	(no additional discounts, coupons, or referral bonuses allowed)

How much power is 1 kw?

On average it amounts to about a \$200 annual CMP bill or what you need to charge an average car. Before investing in PV it will make financial sense to implement efficiency measures such as switching to CFL bulbs, replacing older appliances, and installing power strips to turn off phantom loads from the TV, VCR, computers, etc. You can borrow a Kill-a-watt meter at your library and check each items usage. CMP has a mandatory basic monthly fee of about \$8.50 for 100kwh.

Package limitations and installation details

Installation is for grid tied systems. Within 30 minutes of Portland there is no charge for travel time. You will need submit a \$50 fee to CMP and sign their net-use agreement. Homeowner is responsible for any permit associated costs. Electric panel and wiring must be to code and have room for an additional breaker. Solaris will do a free pre-purchase site survey and answer all your questions. We have final determination regarding site suitability. Ideal output is on a south facing roof with a slope of 35 degrees or racking or a ground mount may need to be purchased. This price assumes there is clear access to a structurally sound roof that is no more than 2 stories and no interior conduit is needed. Sufficient sunny south facing roof space is needed for the panels in 1 row (about 14ft). An internet connection is required for optional web based Enlighten monitoring and is not included but can be quoted separately. This offer is valid for the first 20 families only and must be installed by 8/31/12. We try to stay up to date on incentive programs but have no control over them. Maine rebates are limited & require a certified energy audit of your home (about \$400). Solaris partners with select independent auditors and if you want we can coordinate an audit for your home. [Maine energy audits & incentives: www.EfficiencyMaine.com](http://www.EfficiencyMaine.com). [Federal incentives: www.DsireUSA.org](http://www.DsireUSA.org)

Solaris will provide you with high quality, reliable, products

Canadian Solar CS6P250M. Higher output panels, 250 watts each, give better overall performance. www.CanadianSolar.com

- 10 year warranty
- 25 year linear power output warranty, 80% output or better even after 25 years.

Enphase Micro Inverters

Traditionally there was one large central inverter near your electric service panel that converted the DC power from your PV array into AC then fed it into the grid. Micro inverters are a great invention. These small inverters are located at each panel and AC is run down to the electric panel reducing the line losses associated with DC wiring. In addition when it is time to expand you do not need to worry about the expense associated with replacing a now undersized inverter or incompatible panel wattage. For each new PV panel you simply add an additional micro inverter. We like Enphase because of their reliability and superb monitoring software that allows you, at your Envoy unit, or via the web, to monitor the current and historical output of each panel. In addition, the problem with entire system performance being impacted by one shaded or damaged panel is eliminated. www.EnphaseEnergy.com

