

Available Rebate Programs.

State of California Energy Commission rebates on Photovoltaic Electric Systems, Domestic Hot Water Systems and Pool Pump Replacement.

Federal Tax Rebate of 30% of the installed cost is available to purchasers of Photovoltaic Electrical Systems.

The City of Millbrae Rebate Program.

Rebates are available to City of Millbrae residents and businesses for the installation of Photovoltaic Electrical Systems, Domestic Hot Water Systems, Pool Water Heating Systems.

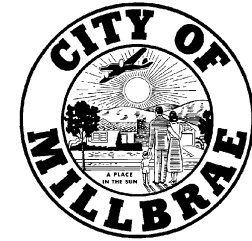
See the Solar Energy Rebate Application for amount of rebates.

Rebate(s) from the City of Millbrae are paid after completion of the project. In order to receive a rebate the following items need to be

provided:

- 1) Completed Rebate Application.
- 2) Proof of purchase and type of system purchased.
- 3) Copy of Building Permit and Final Inspection.

Once the City receives all the above documents it will process the application and contact you for any additional information. The City will process the rebate request and mail the check to the applicant. This usually will take 3-4 weeks from receipt of application until the rebate is mailed.



Rebate Program for Solar Systems

Photovoltaic Electrical, Domestic Hot Water and Pool Water Heating

City of Millbrae

Community Development
Department

Building Division

621 Magnolia Ave.
Millbrae, Ca. 94030

Building Division
650-259-2330
Fax 650-697-2657

Website: www.ci.millbrae.ca.us

The City of Millbrae is proud to offer a rebate program to all residential or business customers. If you are planning on installing a new Photovoltaic Electrical, Domestic Hot Water, or Pool Water Heating system, this program will help offset some the associated costs.

Who is Eligible for this program?

Owners of residential or commercial properties and businesses in the City of Millbrae may participate in this program.

This program will rebate costs on a sliding scale based on the number of solar panels installed.

The rebate will be paid upon submittal of the rebate application form with appropriate documents after completion of the installation and after final inspections / approvals have been obtained.

What Types of Systems are Eligible?

Single Family Residential.

Building owners usually install photovoltaic electrical systems 3 kw or smaller due to the limited roof space available. The usual number of panels are from 10-20 for this size installation.

Domestic and pool water heating systems will usually have 8-16 panels on average.

Low Income Property Owners.

Proof of low income status will be required to receive the higher rebates. Examples of proof are PG&E - Care Program or Phone Bill lifeline status.

Multi Family Residential

These buildings have the greatest roof area of all residential buildings and can therefore install more solar panels. Small multifamily installations range from 10-20 panels while larger

multifamily installations could have as many as 50+ depending on the size of the roof.

These types of buildings lend themselves to having systems for different types of uses ie: solar electric and pool water heating.

Every effort should be used to maximize the roof area for the biggest achievement of solar energy collection and use.

Commercial / Industrial Buildings

These Buildings offer great potential for solar electrical systems due to their large flat roof designs. This enables them to mount 40 to several hundred panels to the roof system.

Commercial and Industrial users should not overlook the ability to have solar domestic hot water as these would take a small amount of panels and maximize the roof potential.



CITY OF MILLBRAE

SOLAR ENERGY EFFICIENCY CHECK-LIST

Before installing a solar energy system, assess your energy efficiency. Reducing demand is always more cost-effective than installing greater Photovoltaic (PV) capacity. Before determining the system size and installing a new solar photovoltaic or hot water system, review this list with your solar contractor.

Visit www.pge.com/res/rebates for energy efficiency opportunities and rebates. You are only required to investigate these items before applying for any city rebates.

A. Before Installing a PV System	Y	N	B. Additional Measures Before Installing a PV System in an all Electric Building	Y	N
1. Replace incandescent lights with compact fluorescent lights. Target 60-100W bulbs that are used several hours a day.			1. Replace stove with a gas stove or replace older burners with new energy saving models such as solid disk halogen or induction elements or radiant elements under glass.		
2. Seal air handling ducts in unconditioned spaces with mastic or foil heat tape.			2. Evaluate the possibility of replacing an existing electric water heater with natural gas, tankless or solar.		
3. Install a programmable thermostat: Winter at night or away from home setting : 55°. Summer setting: 78°.			C. Before Installing a Solar Hot Water System		
4. Caulk around all windows and door frames; weatherstrip windows and doors, air seal all accessible plumbing and electrical penetrations in the building envelope.			1. Turn water heater temperature down to 120° and install a water heater insulation jacket (if water heater is over 5 years old).		
5. Insulate your floors, walls and attic; this can save about 25% on home heating bills. Upgrade attic insulation to R-49.			2. Install water conserving shower heads and faucets throughout the house / business. Check for and repair water leaks throughout the property.		
6. Check the age and condition of major appliances, especially the refrigerator. Replace old appliances with energy efficient models.			3. Install an horizontal axis clothes washer. Substantial energy and water savings can translate into big money savings and a quick return on your investment.		
7. Gas stoves should be equipped with an electronic ignition instead of a pilot light to reduce usage by roughly 30%.			Additional Considerations:		
8. Plant shade trees and shrubs around your house, especially on the south side.					

I have reviewed this list with my contractor and have considered all possible efficiency adjustments:

Applicant's Name (Print): _____ Signature: _____ Date: _____

Business Name: _____ Signature: _____ Date: _____



CITY OF MILLBRAE

SOLAR ENERGY REBATE APPLICATION

To apply for a solar energy rebate, complete this application and submit to:

City of Millbrae -Community Development
 Building Division - Solar System Rebate Program
 621 Magnolia Ave., Millbrae, Ca. 94030
 Phone 650-259-2330 - Fax 650-697-2657

1) Project Address: _____

2) Name of Applicant: _____

3) Mailing Address: _____

4) City: _____ State: _____ Zip Code _____

5) Phone: () _____ Email: _____

6) Solar Energy System - Select all that apply; Photovoltaic Electrical Solar Domestic Hot Water System
 Solar Pool Water Heating

7) System purchased on: _____ (MM/DD/YEAR)

8) System Cost: _____ Number of Panels Installed : _____

9) Type of Building: Single Family Low Income Single Family Multifamily Residential
 Commercial Industrial

10) Are you interested in receiving more information on green building? Yes! No

11) Are you interested in receiving information on the green business program Yes! No

I certify that the above information is true and accurate.

Signature _____ Date: _____

Please attach signed building permit, the solar efficiency checklist, and proof of purchase for the solar system(s).

REBATE AMOUNTS

Number of Installed Panels	1-20	21-30	31-40	41-50	51-60	60-71	71 or more
Single Family Residential	\$200	\$250	\$300	\$350	N/A	N/A	N/A
Low Income Single Family Residential	\$225	\$275	\$325	\$375	N/A	N/A	N/A
Multi Family Residential	\$300	\$400	\$500	\$600	\$700	\$800	\$900
Commercial / Industrial	\$350	\$450	\$550	\$650	\$750	\$850	\$950