

Solar Ready is Easy

The Canadian Solar Industries Association (CanSIA) has produced the Building a Solar Ready Home Technical Guideline that outlines how easy it is for you to make a home Solar Ready. In addition, CanSIA can provide you with Solar Ready marketing materials that allows you to quickly and easily identify the houses you build as being built to CanSIA's Solar Ready Technical Guidelines.



Already Building Solar Ready Homes?

Great! Increase the market awareness of your business by promoting this on CanSIA's website.

Contact CanSIA to learn more about getting listed on CanSIA's website.

For More Information

on building Solar Ready or solar water heaters, contact us at:

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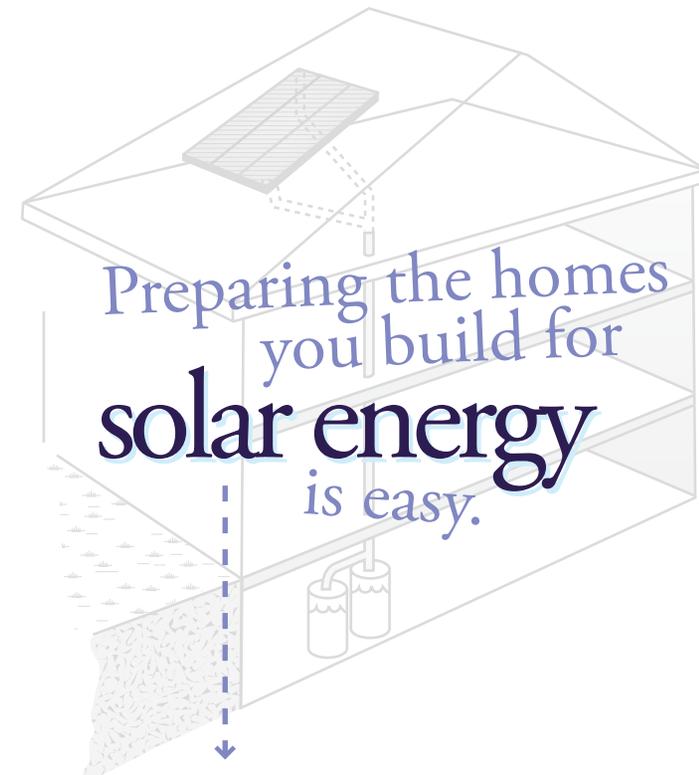
For additional copies of this and other publications on solar energy call our toll free line at 1-866-522-6742. You can also obtain a copy of this publication by visiting our web site at: www.cansia.ca/solarready.asp

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References:

* 92% of Canadians surveyed place solar as their preferred energy source. GPC Research public opinion poll, October 2005.

** Black, Andrew J "Why is a solar electric home worth more?" 2004*



✓ Solar is the preferred energy choice for 92% of Canadians

✓ Allows you to tap into the green homebuyer market

✓ Increases customer satisfaction

✓ Increases your green marketing image

✓ Additional marketing support provided by the solar industry and government agencies

Give your home customers energy independence and help to create additional value in their homes.

Why Build a Solar Ready home?

Canadians purchasing a new home are making the largest investment in their lives. Why would you want to add the cost of making the homes you build Solar Ready?

Solar Ready makes it easy to make the homes you build green: for less than a few hundred dollars you can provide your customers access to clean, reliable, green and free energy!

Solar is the energy source 92% of Canadians most want to see developed*

Your trades people can make a home solar ready without additional training or certification

Benefits to the Homeowner

Allows the homeowner to install a solar hot water heater when they're ready.

Maximizes the performance of the system when its installed due to correct solar orientation of the roof

Will save hundreds, even thousands, of dollars when the solar system is installed

Improves the aesthetic looks of the solar hot water system as all the plumbing is hidden inside walls

What is a Solar Ready home?

Making a home Solar Ready can be done in **three simple steps:**

1. Leave space in the utility room beside the conventional water heater for the solar storage tank.
2. Install a vertical chase or the actual solar pipes from the utility room to the attic
3. Insure that the house has a south-facing roof, which is clear of obstructions.

Benefits of solar water heating

Significant reduction of hot water heating costs by capturing the sun's energy

Independence from rising natural gas and electricity prices

Security from power outages

Reduction of greenhouse gas emissions by up to 10 tonnes of CO2 annually

Years of hot water with little maintenance

Increased home resale value**

What is Solar Domestic Hot Water?

Solar energy is a clean and abundant energy resource that can be used to supply a family's hot water needs. Solar domestic hot water (SDHW) systems are one of the most cost-effective uses of solar energy. Tens of thousands of new solar water heaters are installed worldwide each year. In Austria one out of every seven homes now use solar water heating. Some jurisdictions such as Spain legally require solar hot water systems in all new buildings.

Canadian solar companies are manufacturing cost-effective solar systems that can operate year-round, even in Canadian winters! These systems meet industry-wide standards for safety and performance and provide a clean, cost effective method of reducing the use of fossil fuels. Most of Canada receives enough solar energy to provide 50% of the water heating energy needs for an average family. Solar water heaters are designed to pre-heat the incoming domestic water supply with a conventional hot water heater acting as a backup.