



6 Common Misconceptions About Solar Energy In Alberta

The amount of information available online is growing rapidly, and misinformation is growing with it. Adopting new technologies and new ways of thinking is becoming increasingly difficult, and innovative technologies like solar power are struggling against this tidal wave of misconceptions.

We're assuming that you're reading this because you're interested in making the switch to clean energy and savings, but still carry doubts and concerns about the new technology. We're here to discuss and debunk some of the most common myths about solar power, so as to better inform you about your future purchase.

As a developing technology, solar power has faced plenty of challenges in its adoption. With the earliest models being expensive and not very efficient, solar power systems were given a bad reputation that the industry has had a tough time shaking. Even with the significantly cheaper and highly efficient systems on the market today, many misconceptions still exist. These include solar panels

- not working in freezing temperatures
- not producing enough because of large amounts of snowfall
- damaging the aesthetic and integrity of your roof

- requiring constant care and repair
- not being as environmentally friendly as they claim
- still needing time before becoming viable options

These popular myths are preventing people from seeing the benefits that solar energy can bring to their life today. Below we will debunk these myths and ease your concerns.



Myth 1: “They won’t work in Alberta’s cold weather”

One of the most common misconceptions about solar panels is that they only work in warm climates. This makes sense at first, as solar panels obviously harness the sun’s rays into usable energy. But the truth is that low temperatures help your solar panels work more efficiently. Alberta’s cold weather actually prevents the cells from hitting their peak temperature, which is the point where the cells lose efficiency.

Myth 2: “The snow will cover the cells and reduce my production”

Another concern many people have is their panels not working in the winter because of the amount of snow Alberta gets. It’s true, if your solar panels are covered in snow their production will be reduced. Fortunately, a study conducted at the North Alberta Institute of Technology found that this will only reduce your annual solar energy production by about 5%, making snowfall a nearly insignificant factor in the panels’ production.

It is also worth mentioning that because of Alberta's intense sun exposure the province has often been cited as one of Canada's best regions for solar energy production.

Myth 3: "They'll ruin my home's appeal and damage the roof"

Of course taste and aesthetics are subjective, but some people may not like the look of solar panels on a roof. If you count yourself among this group we understand, but can assure you that we will do our best to help you find a space for your panels that will be easy on the eyes, so that you can get started on saving the world and saving money on your energy bill.

If you're concerned with the weight that solar panels might add to your roof, we can assure you that their weight is insignificant when compared to the amount of weight your roof is meant to withstand under snow and wind.

Myth 4: "They're too difficult to maintain"

This is another concern we hear a lot from customers. You may be worried about the repair and maintenance costs that you will have to sink into your solar power system, but the truth is that solar panels require little to no maintenance. Simply install them and watch your savings grow!

For your peace of mind, we offer a 25 year performance warranty and a 12 year defect warranty. But we are confident that your Solun solar panels will last much longer than 25 years without needing to be replaced.

Myth 5: "They're not *really* that good for the environment"

Although solar panels do produce emissions during production, they make up for it with more than 25 years of emission free energy production after installation. This makes them a significantly greener alternative to fossil fuels. Adopting solar panels to your home now will set a precedent for your children and neighbors, creating a ripple effect through your community. Be the trailblazer that sets your neighborhood on a greener path to saving the environment.

Myth 6: “They’re not quite there yet”

When you think of solar energy, you might still picture a young technology in the early stages of its development. You might be holding off on your investment, waiting for solar energy to reach its peak efficiency and lowest price. But with the recent news from the 2021 UN Report on climate change, it is time for us to realize that now is the moment in history where we must make the switch to greener, sustainable energy technologies.



The advantages and benefits that solar energy can bring to your life today far outweigh the risks. Shaking the misconceptions associated with this innovative technology is the first step in enacting change. Be a leader in your community by adopting solar energy today.

Visit our website (www.solun.ca) for a free consultation and get started on your journey towards a greener lifestyle that saves the world while saving you money.