



Are solar panels worth it in illinois reddit

Discussion of solar photovoltaic systems, modules, the solar energy business, solar power production, utility-scale, commercial rooftop, residential, off-grid systems and more. Solar photovoltaic technology is one of the great developments of the modern age. Improvements to design and cost reductions continue to take place.

I think I have a solar panel system with 10 panels that generates about 5.8KWH, I also have 11KWH of battery storage. Surprising fact, I was looking at a P11D value of an electric mini and it had a 33KWH battery, which is three times the storage of my batteries which are about 6ft tall, 2ft 6inches wide and about 1ft 6inches deep.

They are worth it imo, and you get a much better ROI with a battery, even though it costs an extra \$1-2k (depending on its size). With a battery you save 20+¢ on every kwhr you store and then use later, v.s 4.1-5¢ selling that energy back to the grid.

A place to discuss Tesla Solar Panels, Solar Roof, Power Wall, and related gear. If you're into solar energy, tesla, or cool technology, this is the place for you! Be sure to visit our friends at [r/PowerWall](#) and [r/TeslaMotors](#)!

If your power company can buy energy, it might be worth it. If the rate is good, then it might not be worth it to buy a battery for night and emergency usage. Battery backup cost is pretty expensive (several thousands as I recall depending on size/etc).

Illinois Solar For All is an alternative choice to the Illinois Shines Program program that's designed to make solar more accessible to lower-income households. If you own a single-family home and your household income is 80% or less of the Area Median Income (AMI), you should qualify.

Over 25 years, Illinois homeowners with solar panels avoid \$48,565 in total utility costs on average. Jump to insight. 7 factors to consider before getting solar panels in Illinois....

What are the benefits of going solar in Illinois? Which cities have better solar tax exemptions and rebates in Illinois? Should I buy or lease my solar panels? Learn about Solar ...

The "right answer" to this question depends on each homeowner's unique scenario, but there are some overarching principles to follow. Here are some examples: This Reddit user from Kentucky asked for people's thoughts and experiences with solar panels because they had heard going solar could save you money.

Whether or not solar is worth it is usually dependent on the incentives in your state. The most important thing in to own your panels, don't lease them from an installer. If you lease the ...



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I have a Tesla solar roof + 2 power walls and it was installed in May 2023. When I considered cost of new roof replacement + solar + battery backup costs and the current federal tax incentives -- it was a no brainer on cost. The Tesla energy management software is really where it differentiates .

Key Takeaways. The national average for solar panels costs about \$16,000. Customers can pay by cash, solar loans, leases and PPAs. If you paid \$16,000 for solar panel installation and used the 30% ...

So Solar at this house would never be worth the cost, unless it was purely for green purposes. (That said, it may totally be worth it as an investment when I sell this house. Quite a few others in the neighborhood have gotten solar panels, eventually it'll affect my price negatively not to)

TL;DR Solar Leases: The solar lease companies appreciate your generous donation. Good luck selling your house. In general, it's not worth it because if you plan to be there long term, buying is the obvious choice since it'll pay itself off in X years which you can calculate.

IMO, solar panels are generally worth it if these are among your reasons: if you are staying in your home longer than the payments for the panels, if you care as much about the environment as you do about lowering your bills, and if your nighttime use is not crazy high for some reason.

Solar gives an instant return on investment via a reduced electricity bill. I was quoted just shy of 12k for 8KW of solar and 10KWh worth of batteries. Now that installation may be overkill for what I need but a 5% dividend return would return \$600 a year or \$50 a month.

They tried to give me this scripted sales pitch for installing solar on my home at "no cost" to me and promised to cut my electric bill by 50%. While I'd like to install solar, it's not within our budget.

In my case, my roof was only 5 years old so it should outlast my panels. But, if you did have to replace your panels, you'd have to hire a solar installer to remove them first and then reinstall them once the roof work is done. Also, the tiles under the panels will tend to last longer since they are somewhat protected by the panels.

Solar panels can make a big difference in your energy bill and offer a sustainable energy option, but there are downsides to consider as well. Explore the pros and cons of solar panels to find out ...

Clouds degrade the efficiency of solar panel tremendously that is why my question is from the people that have it installed if it is actually worth it, I can be missing something and I would like to see if somebody has experience with them because I would ...

Disclaimer - I sell solar energy Just did a system for my buddy 16 kW Got his price down to below 35k after 26% ITC Old power bill was \$230ish a month on avg Solar panel payment is \$138 a month for 25 years with 1.49% interest 105% energy offset It all depends on how you want to go solar as far as loan terms go - that reflects your roi



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Hey Solar and Chicago Reddit community! ... ignore people who don't think Chicago has enough sunlight to make solar worth it. The biggest solar market in the Midwest is Minnesota, and Wisconsin has a booming market as well. The issue is slow adoption, but it's picking up now. Illinois passed a big piece of clean energy legislation in (I want to ...

The pricing of solar panels is made in such a way that the returns are still reasonable compared to grid. So even if Solar panel is cheap or getting cheaper. Solar power sellers/manufacturers/industry will price the panels at a point where they think buyers get reasonable returns in relation to PH power prices while maximizing their profits.

Solar panel costs come down, but batteries don't. The life of a system before component replacement is 10 years. You are replacing panels AND batteries. Over all, it's more expensive than PSEG. And if there's a storm, you're stuck paying out to fix or replace the system. PSEG, it's free. Also, solar panels are highly toxic when thrown away.

This policy makes solar panels far more valuable in Illinois, increasing the return on investment you'll likely see over the lifespan of your solar energy system. Solar panels will only produce energy when they're exposed to direct sunlight.

I've been researching and reading, but there isn't really a great breakdown of current solar incentives in plain language. As I understand it, the program is called the Adjustable Block Program. The panels a resident installs generate renewable energy credits that are sold (15 years in advance?) to power companies at a set price.

Going solar is cheaper here than in many other states, and Illinois offers tax incentives to help make paying for your system easier. When choosing a system, be sure to factor in equipment, labor, permit and roof repair or replacement costs to ensure you can afford solar before signing a contract.

Make sure solar panels are facing north. There is a big reduction in power generation if they are facing east or west especially south Tilt the solar panels at least 20°; this washes away the dirt when it rains. if they are tilted 50°; this will generate more electricity during winter and ...

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