



Reddit will power companies buy your extra solar generated power

How does your utility compensate you for solar energy?

How your utility compensates you for your solar energy can affect your energy savings over time. If you have solar panels installed on your roof, you likely aren't using up all of the energy that they're generating each month. All that excess is sent to the grid, joining your utility's supply of electricity.

Do utilities pay for solar panels?

Some utilities vendors will pay you for the extra power your solar panel system produces. Find out how to take advantage of net metering offers to score some cash from your solar panels. How your utility compensates you for your solar energy can affect your energy savings over time.

What happens if my solar panels produce more energy?

One of the most common questions people have about solar is "what happens if my panels produce more energy than my home uses?" In almost every state, if your solar panels generate more power than you consume, you can send this power back to the utility and receive credits on your next monthly utility bill. This is known as net metering.

Could solar be a smart move for utilities?

"We're just a few years away from affordable batteries, which--along with a backup generator--will allow existing and new solar customers to disconnect from the grid entirely." Which means that some day soon, consumers could defect from the grid en masse. The far smarter move for utilities would be to embrace solar, he says.

How can utilities accommodate solar customers?

What's more, in order to accommodate solar customers, utilities say they must invest in new technologies that allow them to, for example, scale production up and down based on whether it's a sunny or cloudy day.

Are solar customers paying a fair share of transmission costs?

Editor's Note: This article also appeared in the August 2016 issue of Consumer Reports magazine. Editor's Note: This article also appeared in the August 2016 issue of Consumer Reports magazine. Utilities argue that solar customers aren't contributing their fair share of transmission costs and are fighting back, says Consumer Reports.

The company that supplies you your power adds power to the system from its energy producing machines such as turbines. ... When you choose solar energy from your provider you aren't necessarily getting electrons generated by solar you are probably getting electrons originating from a coal generator, but your provider makes sure that they buy ...



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Your ability to sell power back to the power company is controlled by a variety of laws. In the old days the Public Utility Resources Policy Act of 1978 limited your ability to sell to solar, wind, hydro, or units burning renewable fuels (mostly waste fuels) and cogeneration (where you use the waste heat in your exhaust to power a steam turbine ...

Buy a generator that matched your solar output, start the generator and plug it in? Not much else to it. My land is 100% off grid, but in the summer I get lots of sun. There are days of clouds though (like the last 4 days) and in the winter when there is snow. I have the EcoFlow Delta Pro and my harbor freight geny can charge it in about 1 hour.

Due to how solar power system works, most systems will sometimes produce more energy that can be used at a given time metering allows homeowners that have grid-tied solar energy systems to receive credits for any energy their panels produce that they don't use. A grid-tied system means that the home is still connected to the utility's power grid, allowing them to ...

It depends a lot on your local setup, but for me they're an awesome deal. Florida I assume you're crazy sunny so the production will be quite high. It also depends on what your power company will pay you for your extra. Here it's about 6-7 years till they're paid off. Sure beats a ...

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.

So having a solar panel hooked up to the grid, the power company will buy your solar power during the day at higher rates, then sell you the cheaper power in the evenings. It's a way to help load balance the grid a bit, and the consumer ends up ...

Solar is most effective off grid with storage, such as a battery. While it's possible to have a solar system that can generate power off grid without a battery it's super limited since power is only generated during the day and the system has to take incredible care not to over produce demand (remember: fire), which is very challenging.

OP found a pretty competitive price for solar even looking at the financing costs, but just rough estimate the savings on their quotes are maybe 30-40k\$ over 25~ year period. especially in a city run COOP utility where you expect the general rate increases to be lower. 30-40k savings (60-80% of the savings are also towards the 15+ year mark ...

Assuming no job change/income loss etc. Also the power companies are no longer buying power back at a premium rate so you have to store it in a battery which is why the cost went up so much. You still have to pay



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\$20 per month as a service fee and that's assuming you never have to switch to non solar if your system doesn't generate enough.

The battery system gives you benefits outside of the backup power. The biggest benefit is if your solar buyback is at a lower rate than your usage. For example, if you're paying 20c/KWh for power, but the electric company is buying it back at 10c, then you're losing money whenever you're generating power above your demand.

There are over 100 power companies here, and only a single digit percentage even buy your excess power, and every year another one or two stop buying. We are slowly trending toward a future where you cannot use both solar AND the power grid in most of Texas, unless the power company is selling you their solar energy. We have lots of solar ...

Your power company provides the best cost for what you will get ... Our buy back rates here are so atrocious everyone I've talked to either produces juuuuuust enough to cover their usage and a couple daring souls have built small battery systems to capture the excess. ... A Reddit for Solar Power enthusiasts, the latest news on Solar ...

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I have a friend who got oversold this way and how has probably an extra \$20k worth of panels that do nothing besides provide free power to Duke Energy. Ideally, you get a system that will generate 80-90% of your annual consumption based on the reset date in May each year (your excess credits "disappear" each year on the reset.)

Excess power generated from the solar PV installation will be delivered to the local distribution grid of the electric distribution utility and will be used to offset the end-user's electricity consumption. In other words, end-users become "prosumers" or producers and consumers of electricity at the same time.

Solar energy is one of the best converting this solar radiation into electricity. The amount of power produced depends on several factors like climate, sunlight exposure, solar panel efficiency, the tilt angle of the panels, the size of the system, and others factors. During solar system installations, you might opt for a solar system smaller than the load, roughly equivalent ...

When I see one of these deals with all these middlemen (installer, finance company, power company) all of them billion dollar corporations looking to make a living and turn maximum profit, I just assume they're not looking out for me. Looking out for me is not their job. That's my job. So. Buying your solar gets cheaper every year.



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All the overages on metering are fucking bullshit. Any excess generation is fed right back into and used up in the local grid. Hardly any "wear and tear" to the grid, as i remember Kentucky legislators quoting. All just so the power companies can make an extra buck off your solar investment, and to make solar less viable in a distributed ...

Many of the new builds come with solar but it is more supplemental rather than enough to cover full energy needs. I looked at my recent info and I'd guess you have about 10 solar panels on your roof (assuming your panels have similar specs as mine) which was enough for your system to generate 147 kwh, while you used 706 kwh.

Utility companies here are required to buy back extra generation, but they do so at fraction of what they charge per kw for consumption. Feels like a scam to me, they actually disincentive people from doing the right thing and becoming independent of the power plant / distribution system.

2: The solar panels generate power during the day and put that power in to the general power grid managed by your local power company. You get financial credit for doing this, but your house and all the things in it still run off the grid the same way as it does now.

Don't want the utility company involved. I don't want to be tied to grid because I heard that with grid tied, if the power goes out your system no longer generates due to safety for works who are fixing said grid. In a hurricane prone area not having your system generate makes the whole thing seem worthless.

Web: <https://wholesalesolar.co.za>