

My energy storage thoughts are two fold - for power outages (3 in the last year) and lessening reliance on the grid. I'll be grandfathered in the SDGE TOU rate which benefits solar for 5 years, but peak time is going to shift to 6-11pm when solar isn't generating and when that time comes, my thought is to draw from battery during those hours.

Does anyone know what the current Duke Energy Florida COG-1 wholesale rates are? They certainly don't make that information easy to find! I'm trying to get an estimation of what my future payment will be when they "true up" my account. I saw a quote from EnergySage that claimed the COG-1 rate was 6.310 cents/kWh but

This sends the solar power to the water heater instead of batteries, and the RD-1 constantly adjusts how much load is on the system to match incoming RE power with loads to keep the voltage below Absorb V and "float charge" the battery instead of absorbing it.

Some controllers operate the heater elements independently and use stratification of the tank temps to minimize energy use. Control will be the future as the smart meters will start billing different rates every 15 minutes. My small town has at least two Solar farms. The homeowner producer is a nuisance and future rates will reflect that.

10-30-2024, 01:18 AM. Solar Panel System Equipment. Ask your questions about solar modules, mounts, inverters or any other part of your solar energy system. If you want to share the specs for your system, then you can post them here. Topics: 2,792 Posts: 29,659.

I hate to tell you this but used equipment does not meet the FED tax rebate rules. And a battery backup system will never pay for itself unless you are paying over \$0.30/kWh. A grid tie system may pay for itself (depending on the cost per watt installed) and a generator should help keep the lights on if the grid goes down. But again used equipment is not considered to ...

Also to take the Federal Tax credit you have to charge your batteries from solar which means those kWhrs will not get credited at \$0.35 per kWhr. The best you could do is offset loads at \$0.35 per kWhr less inverter/charger inefficiency and wear and tear on your batteries. That is negative arbitrage. 9 kW solar, 42kWh LFP storage.

As many of you know, Texas doesn't have a solar mandate. Buyback programs are at the whim of the power companies who offer them to customers. I've been lucky as I've been on Green Mountain's "Renewable Rewards" program for the past seven years. No limits to buyback credits, no monthly base charge and one-to-one pricing (buying/selling).



Solar energy buy back rates texas

Manufactured Homes. 07-23-2024, 08:26 AM. I am a retiree living in deeps south Texas, which means brutally hot summers and high electricity bills. Also, like many other folks in Texas, I do not trust the grid. I also drive an electric vehicle which I charge at home.

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