

Which solar power generation forum is better

Will wind & solar power grow in 2023?

Wind and solar power generation is growing by around 15-20% per year - based on a 10-year average - and looks set to outstrip any increases in annual electricity demand by the end of 2023 as they are, in many countries, already cheaper and strategically more secure than fossil fuels.

Can I add more solar panels?

Now it's complicated to add more panels. You could put in a small 12 Volt system and expect to install a larger 24 Volt system alongside once you need it. In that case you may as well go with the least expensive batteries (GC2's) and charging to accommodate them. It may even run that nasty diesel heater as-is.

Will renewables replace fossil fuels?

These charts show how renewables will replace fossil fuels, and which regions are leading the way in decarbonization. Power generation could soon be approaching "the beginning of the end of the fossil age", according to the fourth annual Global Electricity Review from energy think tank Ember.

Why are so many solar companies switching from SolarEdge to Enphase?

A lot of solar companies have switched from SolarEdge to Enphase in the past couple years due to the massive optimizer failures and weird issues with inverters. We had a SolarEdge install just last week with 21 optimizers and 4 of them were bad right out of the box.

Is SolarEdge better than SE?

SolarEdge is cheaper on large systems. Anything over 8kW, it's not even close. SE is better for commercial installs and is more flexible on building voltage. More flexible when designing large systems. SolarEdge has several advantages with ground arrays and long wire runs.

How long will solar panels last?

Expected payback is 12 years at this rate without price inflation but with a 25 year expected/warranted lifespan. Over the life of the panels I expect it will keep 237,500 lbs of coal from being burned which is roughly one freight car's worth (which holds 116 tons). I believe it takes 1lb of coal to generate a KWh of electricity.

In addition, a comparison is made between solar thermal power plants and PV power generation plants. Based on published studies, PV-based systems are more suitable for small-scale power ...

Solar generation for home backup power. If you're looking for backup options for your home, you've probably come across home solar battery systems in your search. These are designed to be installed as part of your ...

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Net metering is an arrangement between solar energy system owners and utilities in which the system owners are compensated for any solar power generation that is exported to the electricity grid. The name derives from the 1990s, when the ...

Do you ever compare the real power generation of a solar system after a year to the estimated calculated power generation by any websites/software before you start the project? How ...

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