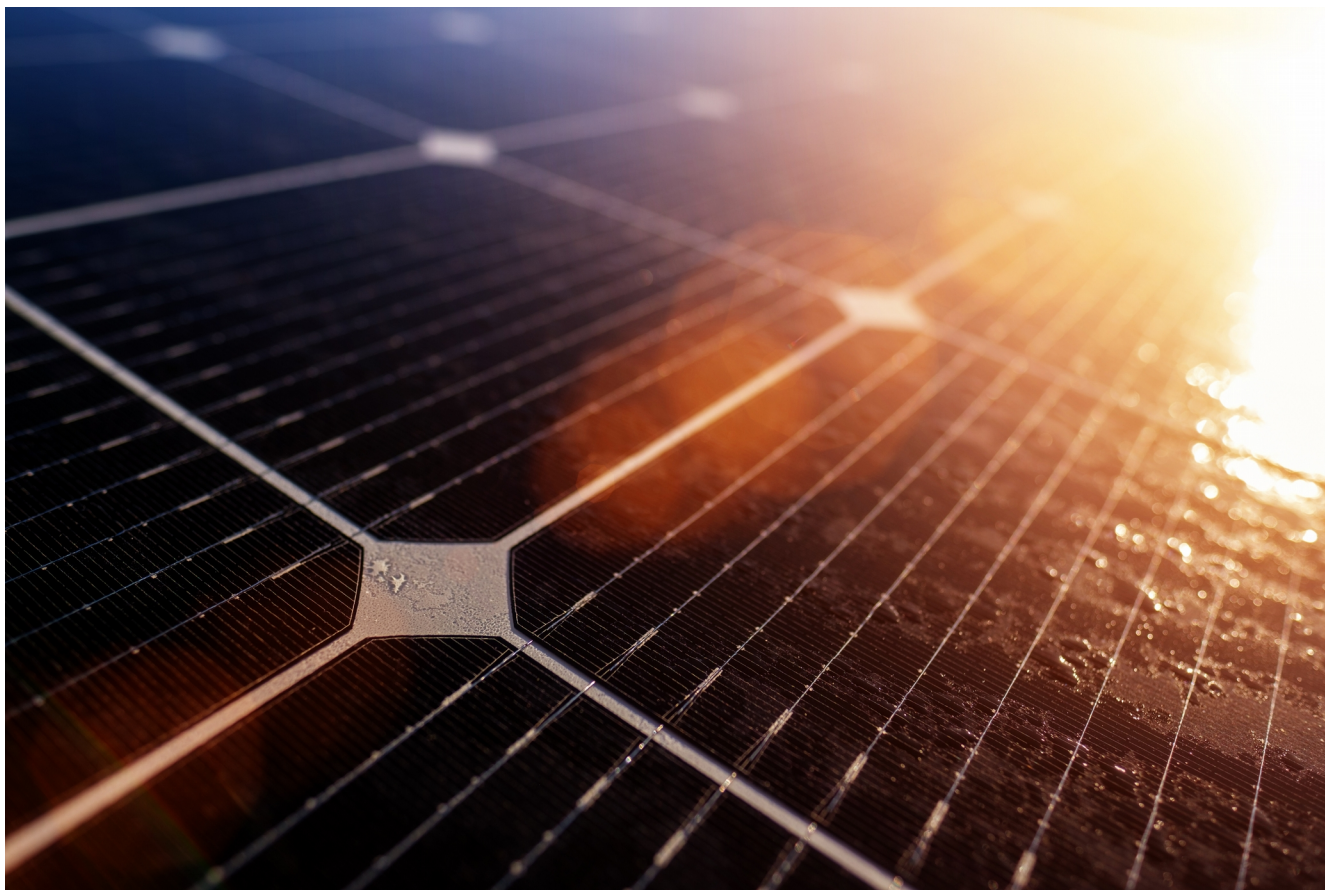


Solar Power Industry (Installation, Design & More)



Overview

If you have an interest in solar power (somewhat likely if you are reading this!) then it's clear that going into the solar industry on a professional level could be a great choice for a way to make money.

Yes it's a "real job" - but I think it counts as off grid cash!

Any sector where your keen interest combines with not only strong market growth but an ethical choice, makes perfect sense for a career move.

And as a side-benefit, you will gain knowledge that would be valuable to set up your own off grid solar setup and perhaps teach others. Plus of course the 'good karma' that you are helping others get off the grid and increasing independence / "energy security".

As you are probably aware, I've been fanatical about solar power since the 1990's.

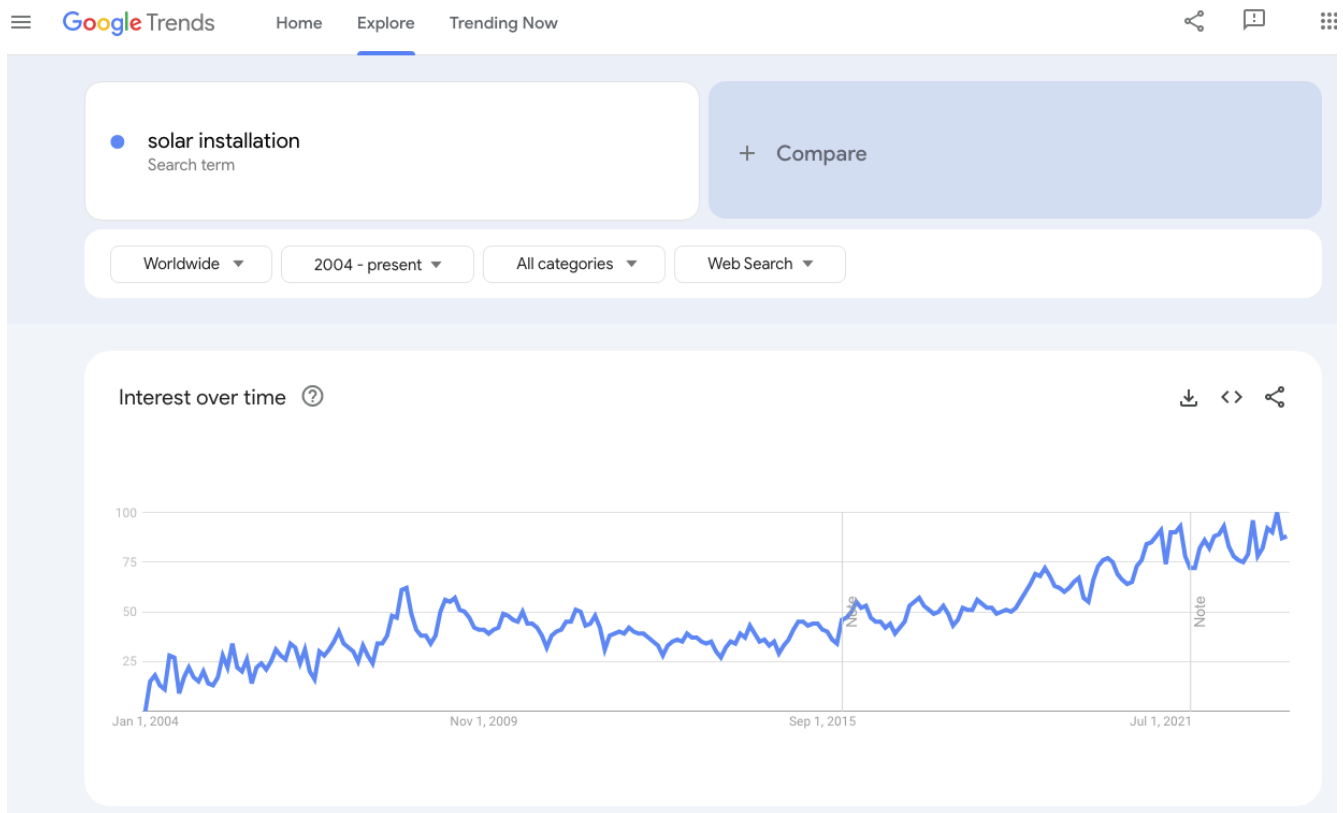
It just seemed incredibly obvious to me. The sun provides far more energy than we could possibly use - completely for free.

And did you hear about sun pollution? Me neither. I never in my life heard of contamination due to heavy spillage of sunlight.

Industry Trends And Stats

Solar Is Trending (Massively)!

Looking at this **Google Trends** graph from 2004 to the present day, it's clear to see that demand for solar power installation is at an all time high:



Photovoltaic panel technology continues to improve and the panels' efficiency continues to rise, while prices of panels continues to fall. Seemingly small increases in panel performance (such as from 19% to 20% efficiency) eventually add up to huge benefits over the lifetime of the panel.

Additionally, concerns over energy security continue to drive solar demand. If you have solar power, oil wars and crazy electricity prices take less of a toll.

The demand is being driven forward by numerous forces including the ongoing Russia-Ukraine conflict, booming demand for carbon-free power, falling costs of solar together with massive development of the supply chain.

It seems highly likely that this trend is likely to continue - and sure enough, some quick research found numerous studies and reports to support that:

Solar power is surging forward with incredible growth - the largest of all

renewable energy technologies:

PVEurope reports 53.4% year-on-year worldwide growth in solar installations in 2023:

<https://www.pveurope.eu/markets/global-pv-market-trendforce-more-50-pv-growth-2023-globally>

National Renewable Energy Laboratory Summer 2023 Solar Industry Update (Aug 3rd, 2023)

<https://www.nrel.gov/docs/fy23osti/87189.pdf>

Very detailed report from the NREL with tons of interesting data.

Solar PV (photovoltaic) report from the International Energy Agency

<https://www.iea.org/energy-system/renewables/solar-pv>

This report highlights the spectacular growth of the industry, with the total power capacity of PV solar predicted to overtake natural gas by 2026 and coal by 2027, at which point it will become the world's largest power source!

I'm having an "I told you so" moment here! :)

Quarterly Solar Industry Update (Aug 2023):

<https://www.energy.gov/eere/solar/quarterly-solar-industry-update>

U.S. solar industry predicts (2021) that installations will quadruple by 2030: (Reuters). <https://www.reuters.com/article/us-usa-solar-idUSKBN2B80AX>

2022 report from SolarPower Europe highlights the strong positive growth and makes market predictions for 2022-2026.

<https://www.solarpowereurope.org/insights/market-outlooks/global-market-outlook-for-solar-power-2022>

Solar module production is booming:

<https://www.statista.com/statistics/668764/annual-solar-module->

[manufacturing-globally/](#)

In short, it looks like the "Perfect solar storm"...

All of this translates into a higher demand for every type of skill and expertise in the solar industry.

Work Force



In terms of jobs, photovoltaic solar has been the fastest growing renewable

energy sector, with installers in high demand.

LinkedIn currently lists over 17,000 Solar Energy Jobs in the USA.

<https://www.linkedin.com/jobs/solar-energy-jobs?position=1&pageNum=0>

Florida, California and Texas have had the greatest demand.

Here's a booklet from the UK for people interested in careers in the solar industry:

<https://solarenergyuk.org/news/a-brighter-future-solar-industry-launches-careers-guide/>

It's interesting to see that solar farms currently supply 4% of the UK's power, with this amount expected to quadruple by 2035.

Here's UK LinkedIn's page listing over 2000 Solar Energy jobs in the UK

<https://uk.linkedin.com/jobs/solar-energy-jobs?position=1&pageNum=0>

Numerous solar design engineer jobs available, as well as field engineers, installers, sales team and many more.

Getting Started

If you are interested in becoming an installer, the first step is to learn and become certified. If you already have experience / qualifications in electrical installation, this will of course help.

Details:

<https://www.linkedin.com/advice/0/how-can-you-become-solar-power-installer-skills-renewable-energy>

Spin Offs / Other Opportunities

• **Creating a solar power blog**

I can vouch (over \$100,000 revenue earned personally from a part-time project!) that if you can provide tutorials, enthusiasm, insights and relevant industry information, this could have great potential. I would anticipate good overall ad and affiliate earnings as this is a high-spend consumer niche with much advertiser demand - especially when you consider not only solar panels but all the additional hardware - batteries, inverters and more.

• **Solar power Youtube channel**

Similar potential. Explore successful channels and take note of what it took them to get to where they are. You can get estimated YT channels earnings using [VidIQ](#).

• **Solar Power affiliate programs.**

If you have an audience in this niche then these might be of interest - and due to the high ticket price of big solar installations, could be quite lucrative, with some programs offering double-digit percent commissions.

Tons of programs to choose from! Lists here:

<https://highpayingaffiliateprograms.com/solar-energy-affiliate-programs/>
<https://www.authorityhacker.com/solar-affiliate-programs/>
<https://affilimate.com/blog/solar-power-affiliate-programs/>