

Nearly 90% Of Americans Are Happy They Installed Solar Panels On Their Homes

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Key Takeaways

- The primary reasons for installing solar panels center on energy independence (73%), cost savings (67%) and environmental concerns (50%).
- At least 67% of current owners are considering expanding or upgrading their solar systems.
- Over 82% of owners would recommend solar panel installation based on their experience.

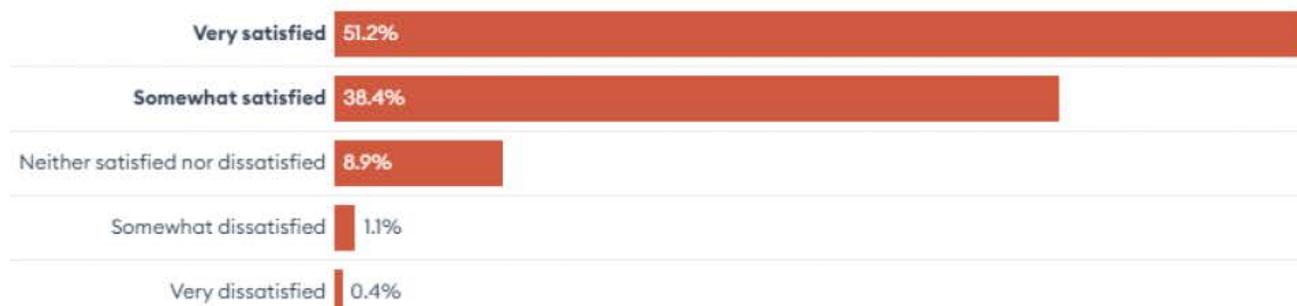
89.6% of Residents Are Satisfied With Their Solar Panels

A remarkable 89.6% of homeowners who participated in the survey reported satisfaction with their residential solar panel installations. This number is encouraging and indicative of a broader trend towards renewable energy adoption among homeowners.

According to the Solar Energy Industries Association (SEIA), there were approximately 3.3 million households in the United States with solar panels installed as of 2022.

Moreover, the decreasing **costs of solar panels** have made them increasingly affordable. Data from the National Renewable Energy Laboratory shows that the cost of solar panel installation has dropped by more than 70% over the last decade. This decrease in cost has undoubtedly contributed to the rising homeowner satisfaction rate.

How satisfied or dissatisfied are you with your solar panel system's performance in terms of energy generation?



82.6% of Respondents Would Recommend Solar Installation to Others Based on Their Experience

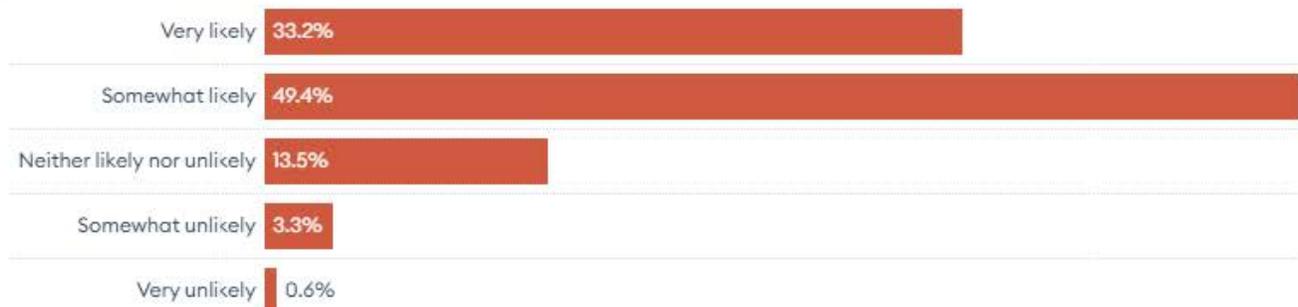
When it comes to putting their trust in solar power, homeowners seem to be singing its praises, at least according to our survey results. An impressive 82.6% of those surveyed said they would likely recommend installing solar panels to others.

These results reinforce the idea that solar panels are not just an eco-friendly option, but also one that provides a satisfactory experience to most homeowners.

With just 3.9% nesting within the "unlikely" categories, the data overwhelmingly suggests that solar panel installation isn't just a passing trend but a substantial, reliable investment that most people are happy to endorse.

While this data is encouraging, it's essential to remember that a good experience with solar installation can be influenced by various factors such as location, quality of service and upfront investment. Regardless, the overarching sentiment from this survey is clear: The majority of those who chose solar energy for their homes are not just content but also willing to encourage others to take the same step.

How likely or unlikely are you to recommend solar panel installation to others based on your experience?



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Solar Panel Costs and Savings

As the momentum for renewable energy continues to build, **nearly half of Americans plan to install solar panels** in their homes.

Adding to the financial incentives, the average household can expect to save between **\$1,000 and \$2,500 per year** on electricity bills after installing a solar system. These savings can be even more significant in states with higher electricity costs.

Additionally, it's worth noting that a substantial 67.10% of current solar panel owners are contemplating expanding their existing systems, while 65% are considering upgrades to newer or more efficient models (noting that these figures suggest some overlap between those who want to expand and those who want upgrades or newer models).

This paints an optimistic picture for the future of residential solar energy, balancing initial costs with long-term savings and sustainable living.

73% Report Installing Solar Panels for Energy Independence

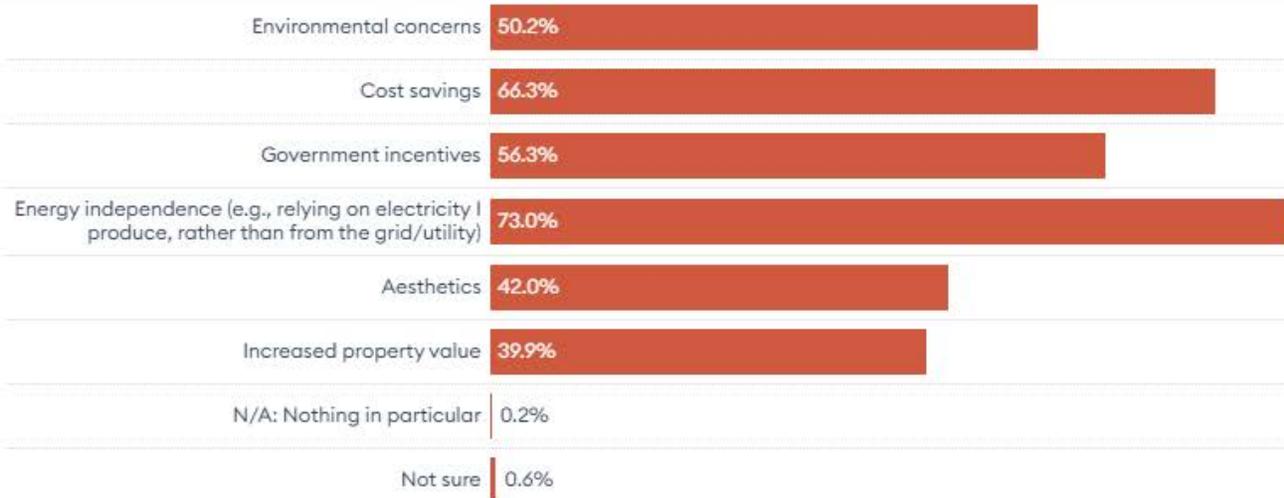
The desire for energy independence was by far the most motivating factor for installing solar panels. Following closely are cost savings (66.3%), government incentives (56.3%) and environmental concerns (50.2%).

The concept of energy independence is gaining considerable traction among Americans. The **Solar Energy Industries Association (SEIA)** shared that in 2020, solar power experienced a 37% growth in the U.S. and projected that between 2021 and 2025, 42% more solar power would be installed across the country than the solar market installed during 2015 to 2020.

In essence, it means generating your own electricity through solar panels and, in doing so, reducing reliance on the traditional energy grid. The appeal here is multi-faceted: **Not only do homeowners gain a sense of autonomy and control over their energy production, but they also sidestep potential electricity price hikes and grid failures.**

Overall, the numbers suggest that homeowners see solar panel installation as more than a home improvement project: It's a multi-dimensional decision influenced by financial, environmental and personal factors, with energy independence increasingly at the forefront.

What motivated you to install solar panels on your property? (respondents selected all that applied)



Homeowners With Solar Find Energy Independence, Environmental Impact and Government Incentives the Most Beneficial

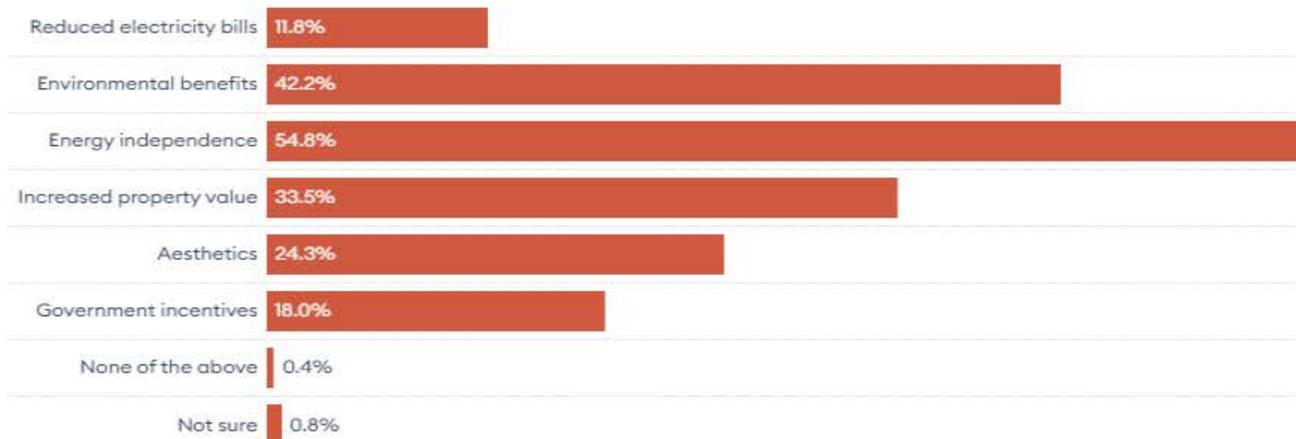
Interestingly, the actual benefits experienced by homeowners post-solar panel installation reveal a subtle but insightful shift in priorities. While energy independence remained a significant advantage, reported by 54.8% of respondents, the environmental benefits jumped significantly to 42.2% post-installation.

Before **installing solar panels**, the primary driving factors often involve a mix of pragmatic and aspirational reasons: cost savings, government incentives and a desire for energy independence. However, once the system is up and running, the tangible, day-to-day rewards become a reality.

Homeowners seem to enjoy seeing their carbon footprint shrink in real time, instilling a continued appreciation for the ecological impacts of their decisions. This could explain why the environmental benefits went from being a motivator for 50.2% pre-installation to an experienced upside for 42.2% post-installation.

Government incentives, however, dipped to 18%, possibly because once the tax credits or rebates are received, they become a sunk benefit and no longer contribute to ongoing satisfaction in the same way that constant energy independence or reduced bills might.

Primary benefits of solar panels post installation



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Bottom Line

The overarching sentiment from our recent survey suggests a very optimistic landscape for residential solar panels in America. **A robust 89.6% of homeowners express satisfaction with their solar panel systems, reinforcing the growing appeal of solar energy among American households.**

In fact, an overwhelming 82.6% of respondents are willing to recommend solar installations to others based on their experience. This speaks volumes about the quality and reliability of solar power systems and their role in influencing new adopters.