



Energy from every roof™

# Roof-Integrated Solar



## Low-profile, high-performance

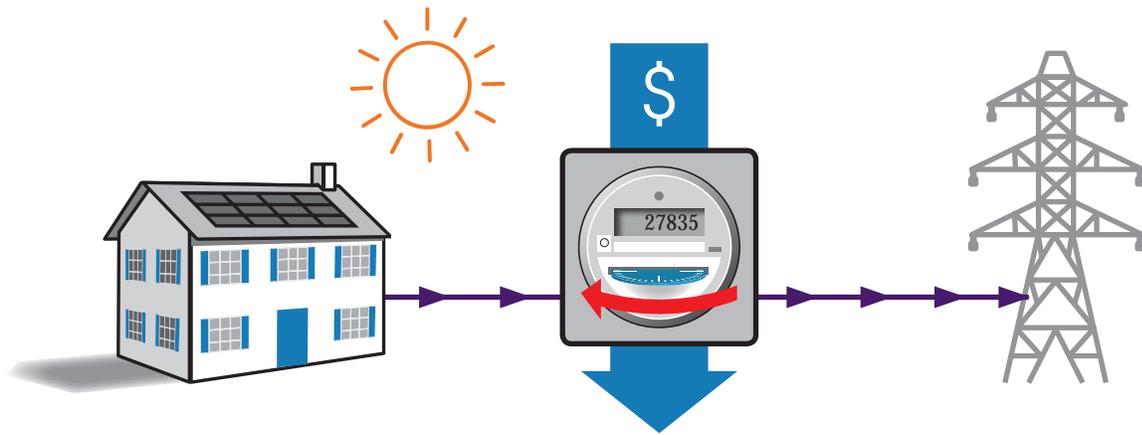
GAF Energy solar, installed by a reliable GAF Master Elite® roofing contractor, is a great way to add clean, renewable energy to your roofing project.

## A homeowner in New Jersey can save \$25,288 with GAF Energy solar<sup>2</sup>

Produce your own power. Lower your electric bill. Decrease your reliance on the local utility company.

Over time, GAF Energy solar can pay for itself and your new roof by saving you money on your monthly electric bill.

### How it works



GAF Energy solar energy produces electricity at a lower cost than your utility company. The more you produce and use your own electricity, the less you purchase from the utility company.

When you don't need the electricity, energy can be sent back to the grid in exchange for credits to your bill.

## Reduce your environmental impact by going solar.

Choosing solar energy is equivalent to:



1,500 tree seedlings planted



101 tons of CO<sub>2</sub>e avoided



214 barrels of oil not burned

(Figures based on a 3.72kW example residential solar system over 25 years)

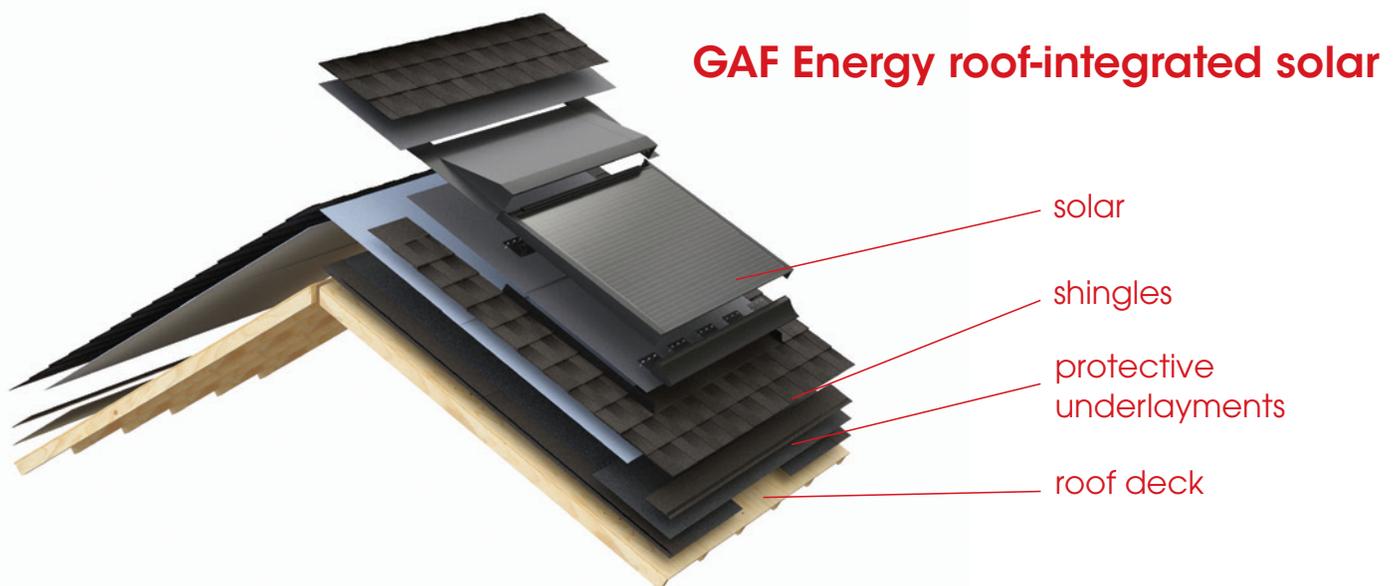
## We've got you covered

When GAF Energy solar is integrated into a qualifying GAF roofing system installed by a GAF Master Elite® roofing contractor<sup>5</sup>, the warranty covers both roof and solar.<sup>4</sup> We also facilitate repair or replacement of other equipment included in your solar installation, such as the power electronics. Enjoy peace of mind with one industry-leading company standing behind your project.

<b>GAF Warranty</b>	<b>25 YEAR</b> Workmanship warranty on the roofing materials	<b>25 YEAR</b> Equipment warranty on the solar panels
<b>Manufacturer's Warranty</b>	<b>25 YEAR</b> Equipment warranty on the power optimizers	<b>12 YEAR</b> Equipment warranty on the inverter

Unlike a traditional rack-mounted solar panel system, our elegant, low-profile solution attaches directly to the roof deck to provide protection against leaks.

Utilizing roofing best practices and an overlapping seam to channel water, the system is completely water-shedding. **The solar is part of the roof.**





## A powerful new roof

- Solar designed by roofing experts
- Water-shedding solar system is installed along with the roof
- Offers better protection for your home
- Dramatically simplifies the process of going solar

## Get the full benefit of federal tax credits

Going solar presents an opportunity to benefit from a federal tax credit, and now is the time to maximize its value. The sooner your project is installed, the more you stand to gain from available credits.

2019

30%

2020

26%

2021

22%

2022

0%

This material is not intended to provide tax, legal, or accounting advice. Please consult with your tax, legal, and accounting advisors for guidance based on your individual circumstances.

## Value of clean energy

25-year system production: **107,759 kWh<sup>2</sup>**

25-year estimated savings: **\$25,288<sup>2</sup>**

SYSTEM SIZE	ESTIMATED YEAR 1 PRODUCTION <sup>1</sup>	MODULES
<b>3.72 kW</b>	<b>4,683 kWh</b>	<b>310 watts</b>

## A solar roof that pays for itself

9 years est.  
payback

### YOUR SAVINGS



GAF Energy solar is an excellent investment that can pay for itself in as little as 9 years.<sup>3</sup>

## One-minute math



Solar Project Cost: \$ \_\_\_\_\_

Federal Tax Credit: \$ ( \_\_\_\_\_ )

SRECs / Local Incentives: \$ ( \_\_\_\_\_ )

Net Investment: \$ \_\_\_\_\_



## Compare GAF Energy solar to a traditional system

		GAF Energy	Traditional solar
Convenience	New roof plus solar in a single project	✓	✗
Beauty	Roof integrated, low profile	✓	✗
Protection	Designed to minimize leaks and animal nests	✓	✗
Support	One point of contact for roof + solar	✓	✗
Expertise	Installed by skilled GAF Master Elite® roofers <sup>5</sup>	✓	✗

## FAQ

### Q: Does GAF Energy solar produce as much electricity as a traditional rack-mounted system?

A: The GAF Energy system includes quality solar modules and inverters, producing the same amount of electricity as most other high-end solar systems.

### Q: What maintenance is there with GAF Energy solar?

A: The GAF Energy system generally requires no maintenance. Though unnecessary, to maximize performance, you can safely hose off your system to clear dust or dirt.

### Q: What happens to solar panels when it's cloudy or raining?

A: Solar panels still work even when the light is reflected or partially blocked. If the sun is up, your system will generate power.

1 PVWatts year one estimated electricity production and electricity cost savings calculated based on the following assumptions for example system: 3.72 kW fixed, roof mounted, standard PV system in Parsippany, NJ, \$0.172/kWh electricity rate and PVWatts default values for all other required inputs.

2 25-year estimated electricity production and electricity cost savings for example system assumes 0.7% annual PV system performance degradation and 2.56% annual electricity rate increases.

3 Estimated 9-year payback period assumes cash purchase of an example system and a 30% federal tax credit. SRECs estimated value based on Sol Systems Sol Upfront 10 Program in NJ, August 2019. Exact payback period varies based on purchase price.

4 See Golden Pledge® Limited Warranty and DecoTech® addendum for complete coverage and restrictions. For installations not eligible for the Golden Pledge® Limited Warranty and Decotech® Addendum, the Decotech® Limited Warranty applies. Visit [gaf.com](http://gaf.com) for copies of these limited warranties. Workmanship warranty term for 3-tab shingles is 20 years.

5 Contractors enrolled in GAF factory certified contractor programs are independent contractors, not employees or agents of GAF.

\* For informational purposes only. Electricity production, electricity rates and rate structure, solar system costs, potential savings, availability and value of tax credits, rebates, incentives, net-metering and other programs varies and is not guaranteed. This material is not intended to provide tax, legal or accounting advice. You should consult with your tax, legal and accounting advisors for advice based on your individual circumstances.