



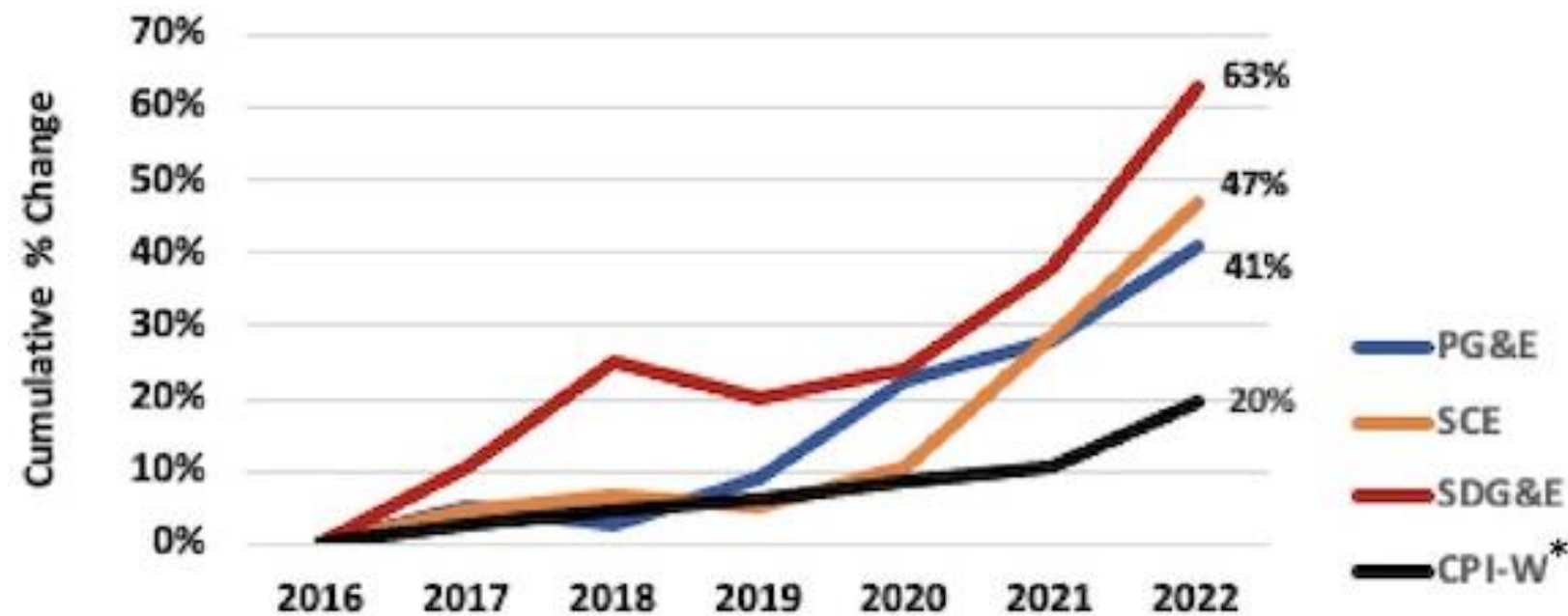
solar**edge**
Home

SolarEdge Home
More Power. More Places.

California Edition

California Electricity Rates Up 63%. Power Outages Increase.

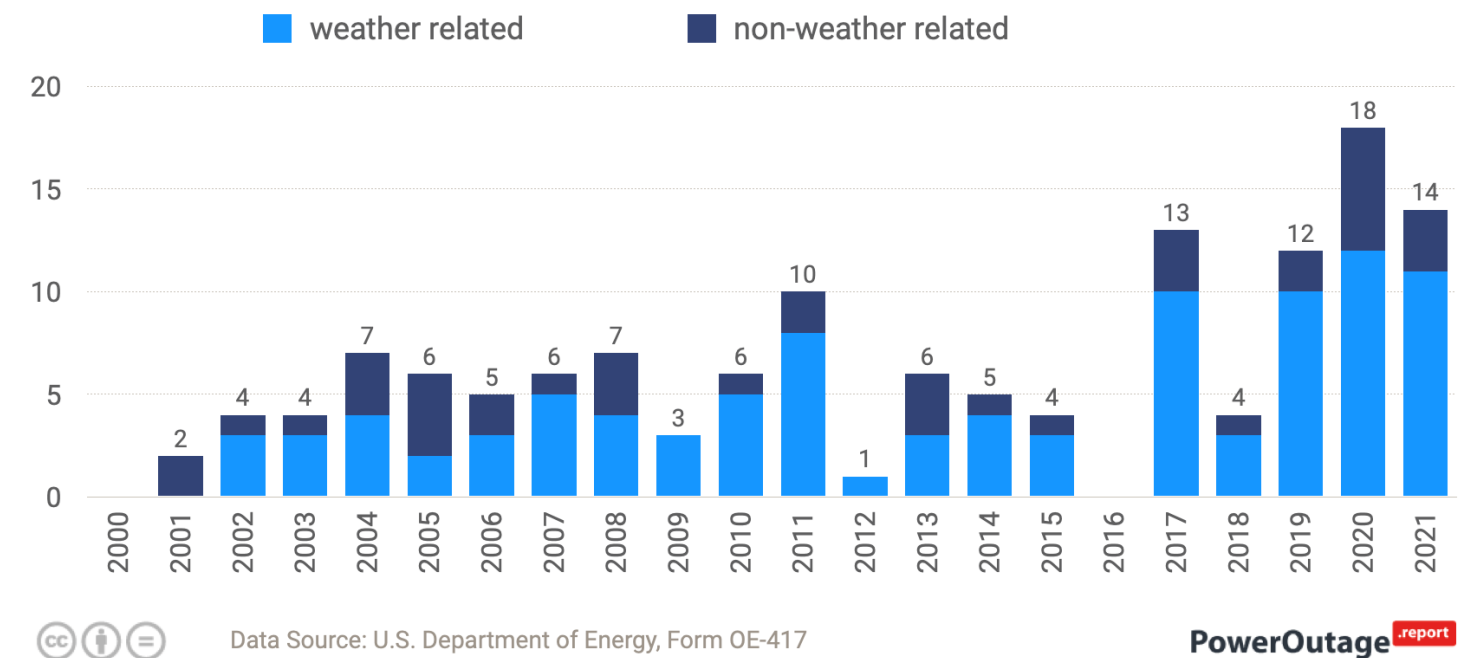
Percentage Increases In California Average Residential Electricity Rates



Source: [Jennifer Dowdell of TURN](#) (The Utility Reform Network) at the California Public Utilities Commission (CPUC), 2022

Power Outages in California

Number of outages affecting California and at least 50,000 customers from 2000 to 2021



PG&E

Will increase rates 25.7% in 2023

Weather Related Events

Are driving more outages

The World is Going Electric

Computers &
More Appliances



Hot Water &
Heat Pumps



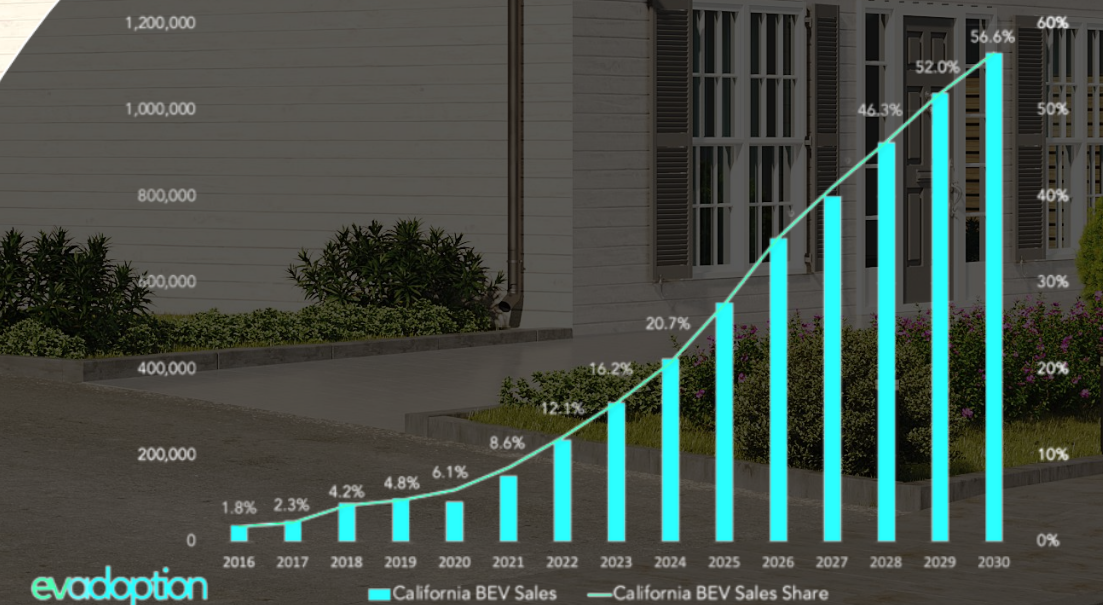
Cook Tops &
Stoves



Electric
Vehicles



California BEV Sales and New Vehicle
Share Forecast 2016-2030



The Next Generation of Smart Energy.



High wattage panels + high efficiency solar technology means **more power than ever before**



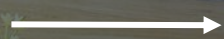
New smart solar + storage lets you use **FREE solar energy day and night**



Back-Up solutions for severe weather and grid outages for people that can't afford to be without power.



Become your own power plant Save with solar day and night



Run on solar and store energy



Transition from solar to stored energy



Power home with stored energy

Off Peak Rates



\$

High Peak Rates



Off Peak Rates

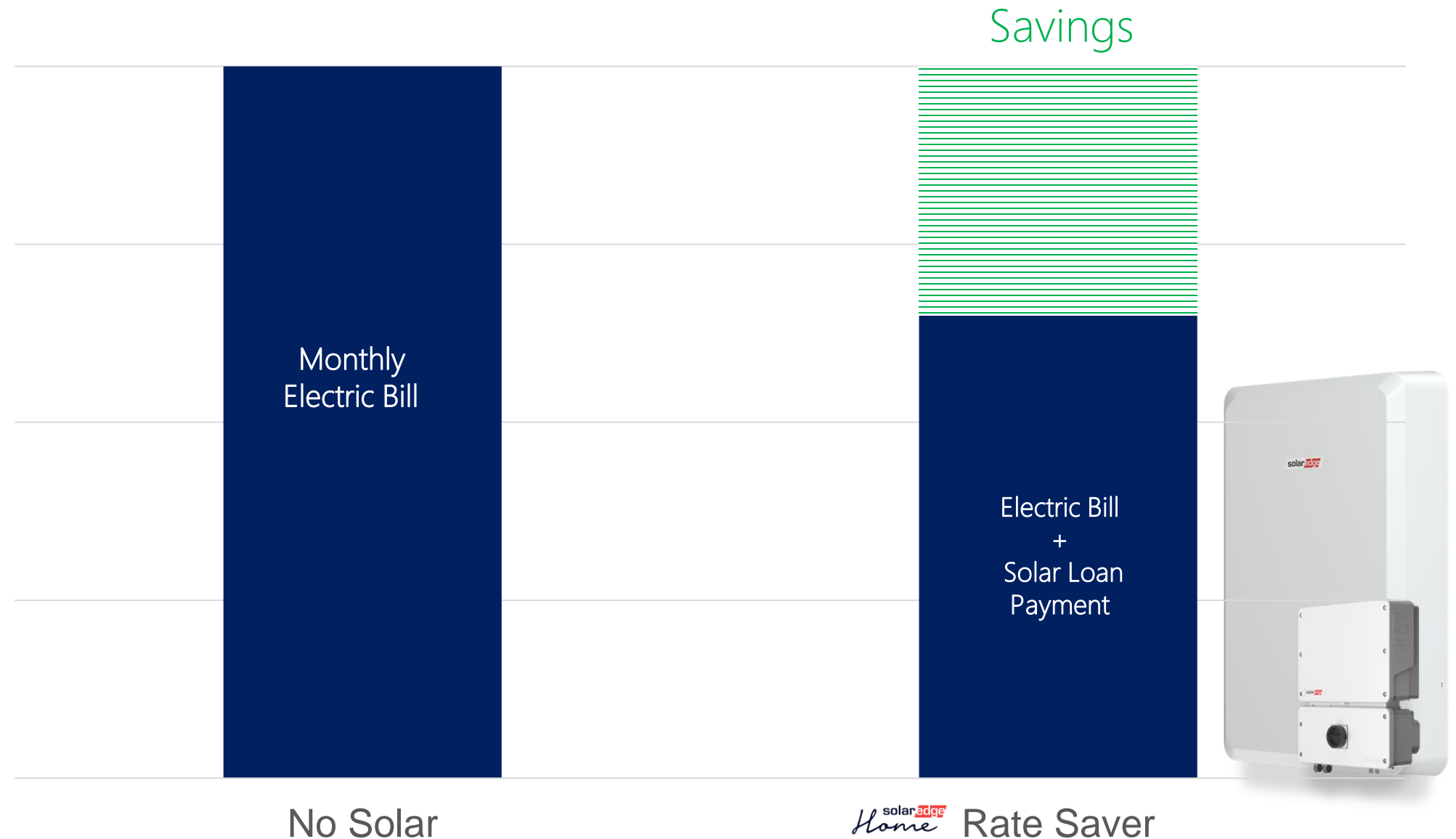


Calculate the Savings



Average Monthly Bill Savings*

- Based on 9.9kW system
- 1 SolarEdge Home Battery
- 20-year Loan



*Based on 9.9kW system configuration, 1 Home Battery, 3% Utility Rate Increase, 20-year loan term, and NEM 3.0 TOU rate structure. Actual savings may vary.

Having the Right Ecosystem Matters

- A **Smart Integrated Ecosystem** that works seamlessly together from one app
- A **High-Powered Optimized Inverter** to generate more power off the roof
- A **high-efficiency Home Battery** so you can use solar power in more places, day and night
- **Smart technology** that discharges battery automatically for maximum bill credits
- **Control it all** in the mySolarEdge app



The **mySolarEdge App** that gives you 24/7 visibility to your smart home

A Battery That's Optimized for California

- High efficiency for more power and up to **10 days of additional power** every year
- **Capture clipped energy** for less wasted energy
- High-powered battery that can **fully discharge** during high-rate periods for more utility credits
- Unlimited cycle count so you can charge and discharge as needed **without impacting your warranty**
- **Smart technology** optimized to PG&E, SDG&E, and SCE utility rate structures to automatically charge / discharge when it's most advantageous





solaredge
Home

A complete smart energy **ecosystem**, combining PV, backup, storage, smart devices, and EV charging.

- Record-breaking efficiency for up to **10 days of free power** every year
- Worlds **#1 solar inverter supplier** installed in over 3 million homes
- Smart Energy ecosystem controlled through one app: **mySolarEdge**

An aerial photograph of a modern, single-story house with a dark grey shingled roof. A large section of the roof is covered with solar panels. A white, single-car garage is attached to the side of the house. The front yard features a concrete driveway and a lawn with a grid pattern of grass and concrete. A patio set is visible on the left side of the driveway. In the background, other houses and parked cars are visible on a residential street.

solar^{edge}
Home

Appendix

For Homeowners

Appendix: Table of Contents

- ▀ Inverter Types: What to look for
- ▀ What is NEM 3.0
- ▀ Home Batteries: What Matters Most
- ▀ SolarEdge Home: Backup Solutions



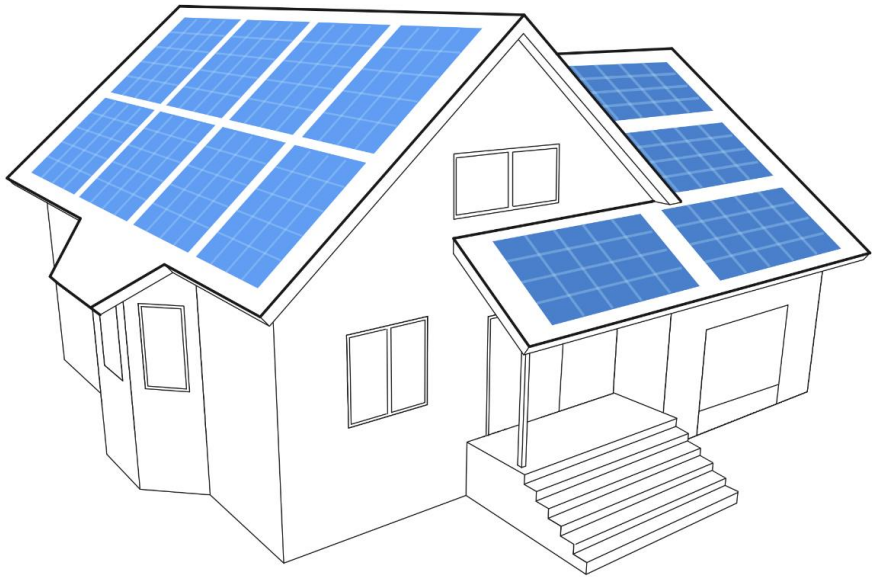


Inverter Types: What to look for



The SolarEdge
ADVANTAGE

Get **more power**
from your system



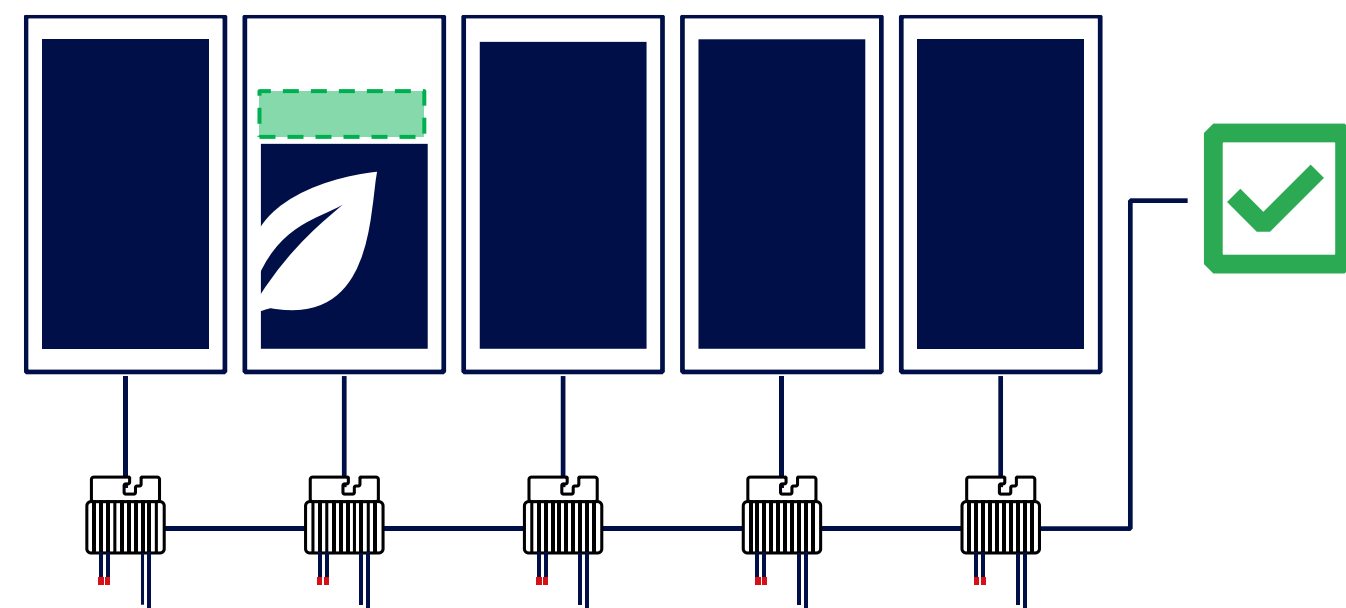
	SolarEdge	Advantage	Microinverters
Efficiency	98.5%	Up to 10 days of extra power every year	97.5%
Minimum MPPT Voltage	8V	System starts producing earlier and stays on later	25V
Maximum Continuous Power Per Panel	Up to 500w	Support larger wattage panels without clipping	Up to 384w
Oversizing	200%	Add more solar without upgrading main panel	135%

You may have been **"told..."**

"SolarEdge systems work like Christmas lights - when one panel is down, all panels go down."

...The **truth** is:

- SolarEdge Power Optimizers make your panels work **independently** and **each panels production** can be monitored in the mySolarEdge app
- Power Optimizers **boost production** to help overcome shading
- Higher efficiency than the leading microinverters, for up to **10 extra days of free power** every year



You may have been **"told..."**

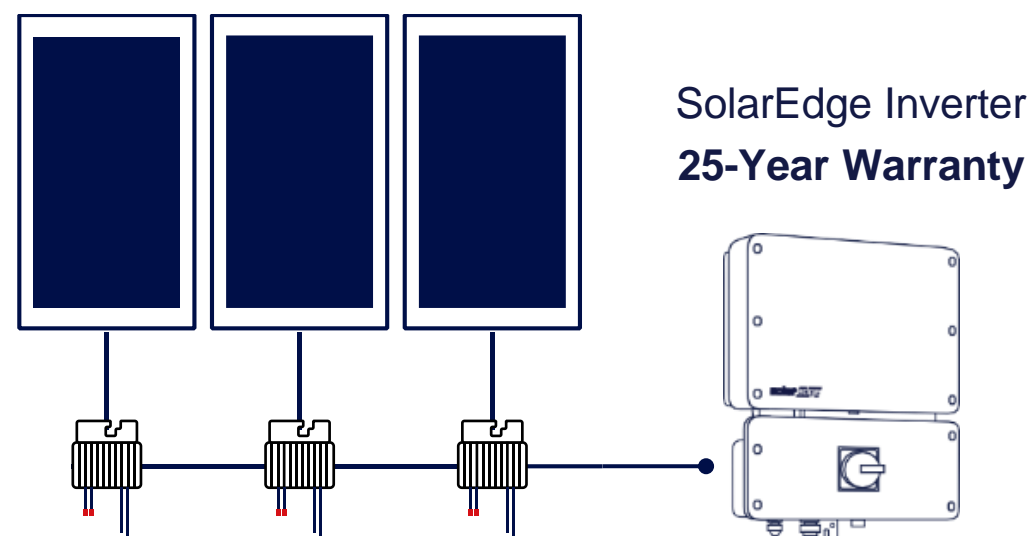
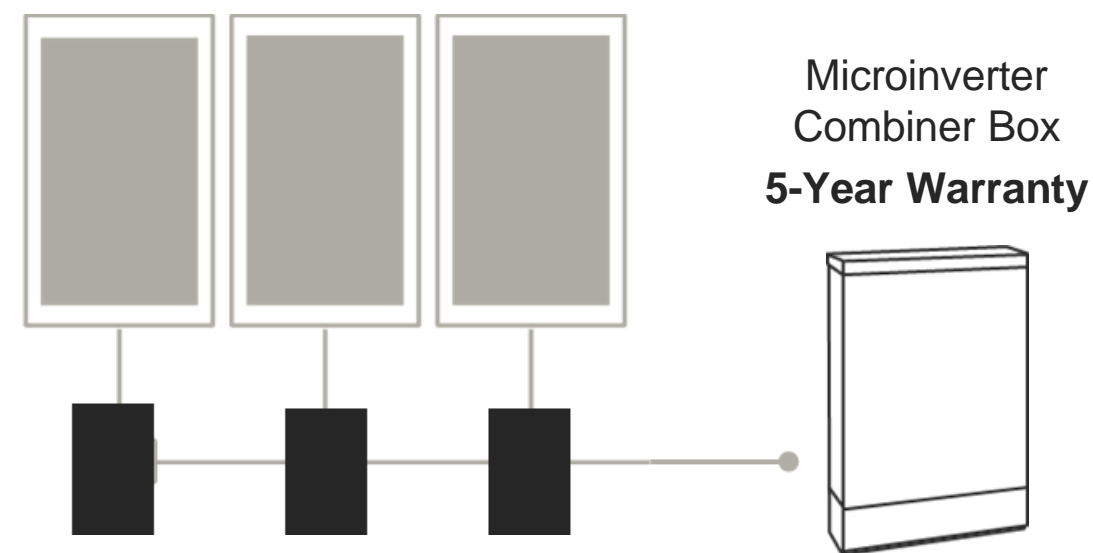
"SolarEdge has a single point of failure and microinverters do not."

... The **truth** is:

- **All solar technologies** must combine the power from the panels at a single point - microinverters do this through a "combiner box"
- These boxes often **only carry a 5-year warranty**

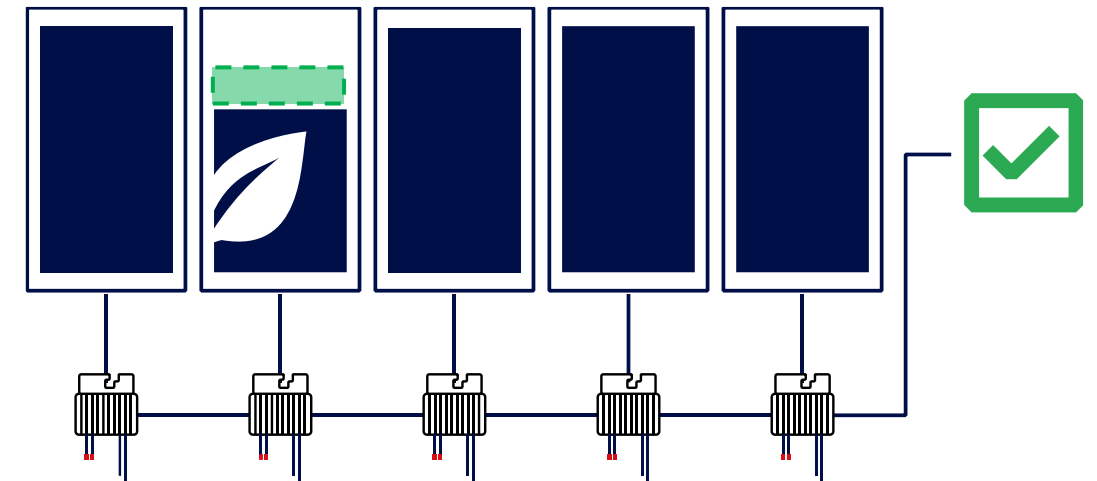
Why SolarEdge?

- SolarEdge inverters have **up to a 25-year warranty**
- Single point of service – **less roof work required** to address any inverter issues, preventing **expensive labor and roof damage**
- SolarEdge has record breaking efficiency, **providing more energy, savings, and return on your investment**



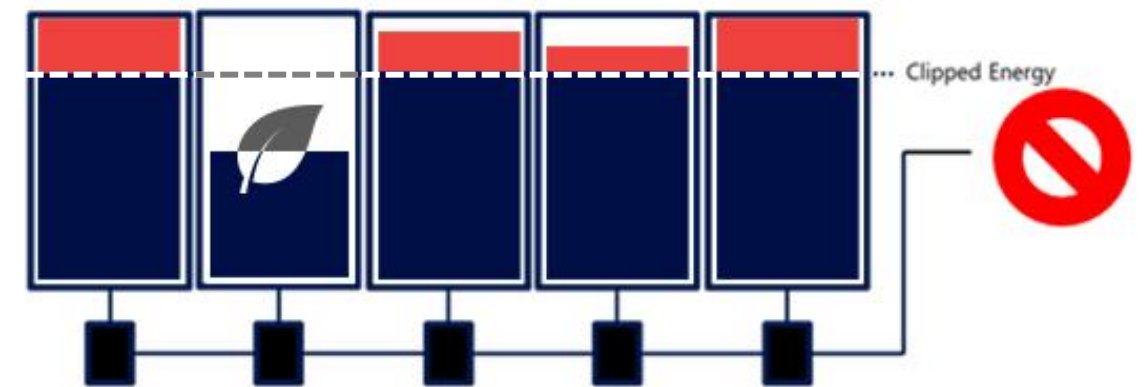
SolarEdge DC-optimized Technology

- Maximize productivity of each panel, even when shaded
- Support larger panels without clipping at the panel
- Max output per panel: 500w



Microinverter Technology

- Limit each productivity and clip power at that panel
- Don't optimize when shaded
- Limited panel support, max output per panel: 384w



Generate up to **10 extra days'** worth of **FREE power** every year



What is NEM 3.0?



Solar in California

What is the current CA solar policy?

- Net Energy Metering (NEM) is a billing program incentivizing California homeowners to **sell solar power to the utility for credits**
- The California policy for net metering **reduces the credits** homeowners receive from utilities, **making batteries crucial** to the savings equation
- Under NEM 3.0, **you can still save** by using energy produced during the day and stored in a battery for use at night
- Adding a battery in Time of Use (TOU) markets can **protect against rising utility rates** with the option for **backup against power outages**

Who is impacted
by NEM 3.0?

Customers serviced by:

PG&E

Pacific Gas & Electric

SCE

Southern California Edison

SDG&E

San Diego Gas & Electric

Home Batteries: What Matters Most

solar
edge
Home

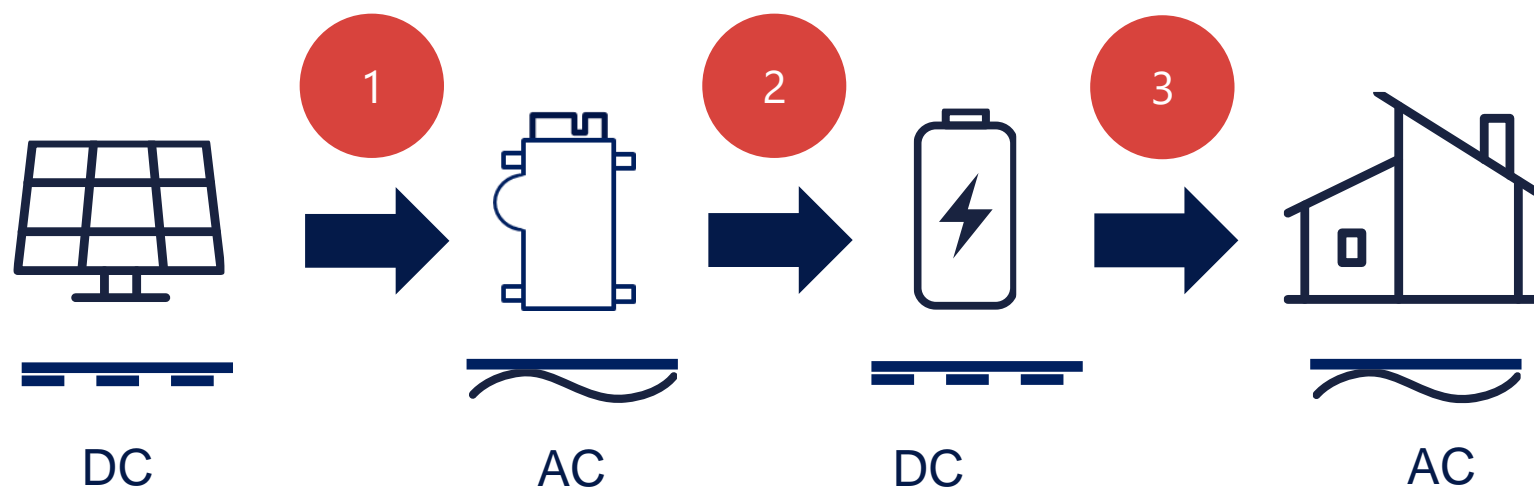


Avoid the Triple Conversion Penalty

Don't lose valuable energy with unnecessary power conversions.

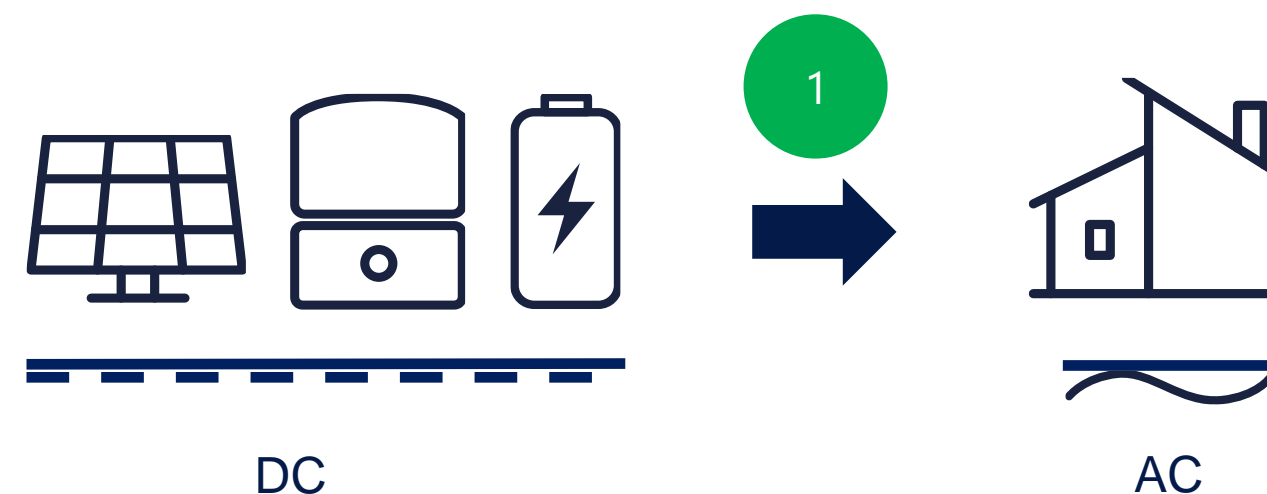
Instead, use more of the energy you produce with SolarEdge—one conversion is all it takes!

Microinverters



3 DC-AC conversions

SolarEdge



1 DC-AC conversion

Up to 7% higher efficiency – it's like an extra solar panel on a 30-panel system

The SolarEdge ADVANTAGE

Get **more power**
from your battery



Product	SolarEdge	Advantage	Microinverters
Continuous Power	5kW	Access up to 30% more power to backup more/larger devices	3.8kW
Round-trip efficiency	93.1%	Use up to 6% more stored power for longer outage protection	86.8%
Warranty Period	10 Years	Relax with a 10-year warranty and no added conditions	10 Years <small>With additional power cycle or discharge limitations</small>
Stackability	Up to 3 per Inverter	Add on capacity now or later and avoid main panel upgrades	Main Panel Dependent
Store Clipped Power	Send Excess Power to Battery	Use more of the power your panels produce	Clip power before it can be stored

SolarEdge Home: Backup Solutions

SolarEdge Home Backup

With SolarEdge Home, you choose the backup solution that's right for you

- **SolarEdge Home Essential Backup** Backup small loads such as lights and refrigerators during an outage
- **SolarEdge Home Full Backup** Backup larger appliances like HVAC during longer outage periods
- **Be ready for the storm with Weather Guard** – SolarEdge Home is designed to automatically charge your battery with either backup system before the storm



solar**edge**
Home

A Solution for Every Energy Lifestyle



SolarEdge Home
Rate Saver

SolarEdge Home
Essential Backup

SolarEdge Home
Full Backup

Save on energy rates



Store excess solar power during the day for use at night



Manage solar, storage, and smart energy devices with one app



Participate in grid services programs
to increase savings (if applicable)



Power essential loads, like lights, refrigerators,
and wi-fi during an outage

No backup
(can be added at later time)



Full home backup of essential and larger loads, like
HVAC, in an outage



Based on standard configurations—up to three batteries per inverter can be added on all options. Talk to your installer about your specific needs.