

# Enphase Energy System configurations

Looking to save on your monthly utility bills? What about keeping the lights on during a power outage? Or maybe you want to reduce your carbon footprint?

We can help you think through your home energy goals and connect you to a certified installer to help you design a system to your exact specifications.

And remember to ask your installer about tax credits and incentives in your area, along with great financing deals that may be available to you.

HOME ENERGY GOALS	SOLAR ONLY	SOLAR + BATTERY WITHOUT BACKUP	SUNLIGHT BACKUP	SOLAR + BATTERY BACKUP
	Produce solar energy only when the grid is up	Produce and save energy only when the grid is up	Produce solar energy even when the grid is down	Produce and save energy even when the grid is down
Save money on my monthly utility bill	✓	✓	✓	✓
Reduce my carbon footprint	✓	✓	✓	✓
Manage my system's performance live, and over time, on a mobile app	✓	✓	✓	✓
Power basic appliances during an outage (phones, lights, fans, or a fridge)	-	-	With sunlight	Day and night
Seamlessly integrate an AC standby generator during an outage	-	-	✓	✓
Store excess solar energy in a battery to use more of your own power, even overnight or when the sun isn't shining as much	-	✓	-	✓
Manage large appliances during an outage (air conditioner, EV charger, heat pump, washer/dryer, etc.)	-	-	-	✓
Participate in net metering and grid service programs to make money (where available)	-	✓	-	✓
Power my whole home during an extended outage and eliminate my energy bills	-	-	-	✓
NEM 3.0 ready: Export power to the grid at the optimal time for maximum economic benefits	-	✓	-	✓
<b>ENPHASE SYSTEM COMPONENTS</b>	<b>ENPHASE APP IQ8 MICROINVERTERS IQ COMBINER</b>	<b>ENPHASE APP IQ8 MICROINVERTERS IQ COMBINER IQ BATTERY</b>	<b>ENPHASE APP IQ8 MICROINVERTERS IQ COMBINER IQ SYSTEM CONTROLLER ESSENTIAL LOADS SOLUTIONS<sup>1</sup></b>	<b>ENPHASE APP IQ8 MICROINVERTERS IQ COMBINER IQ SYSTEM CONTROLLER IQ BATTERY IQ LOAD CONTROLLER<sup>2</sup></b>

<sup>1</sup> Requires essential loads panel and one IQ Load Controller. Refer to Enphase [technical brief](#) for more details.

<sup>2</sup> The Enphase IQ Load Controller is highly recommended to shed all power-hungry appliances during outages.