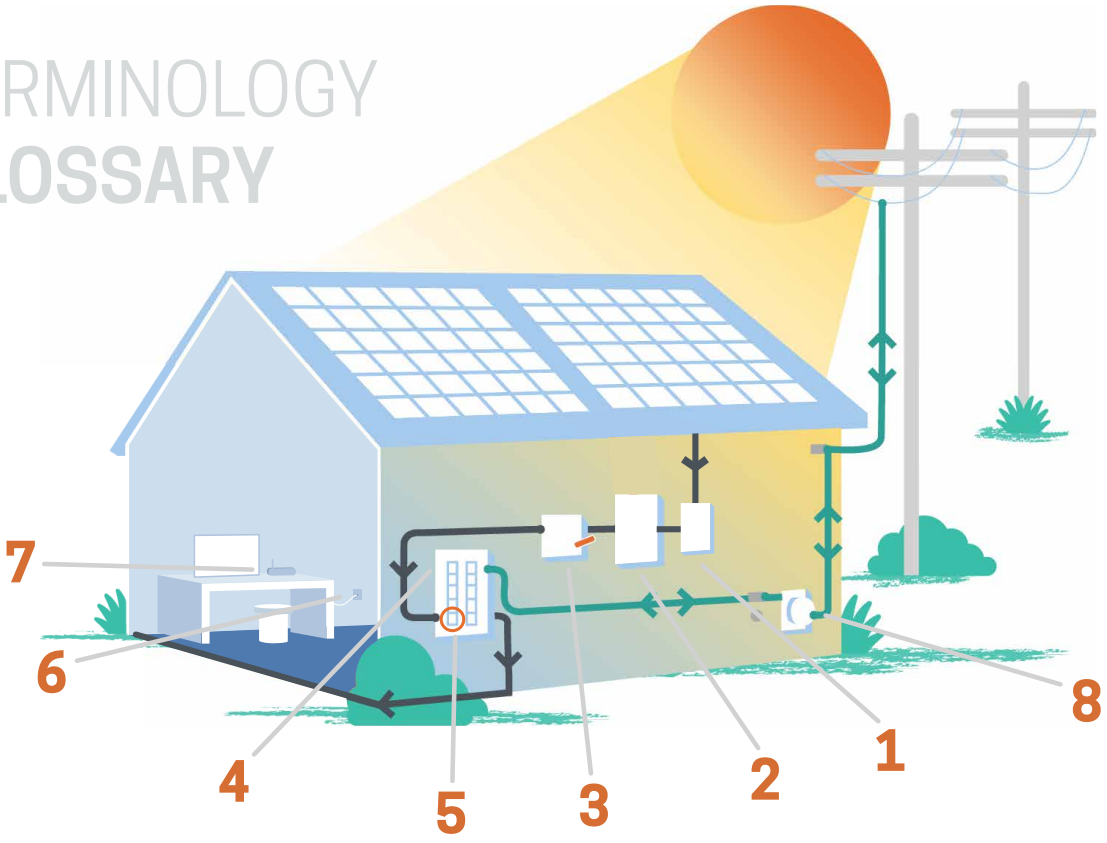
POWER CYCLING
SOLAREDGE INVERTERS

SMALLER THAN 10KW SYSTEM

StraightUp SOLAR

TERMINOLOGY GLOSSARY



1 COMBINER BOX

Collects multiple strings of PV modules and combines them in parallel

2 INVERTER

Converts the DC power coming from your array to AC power before it reaches your home

3 AC DISCONNECT

Safety feature to cut AC power before it reaches Main Service Panel

4 MAIN SERVICE PANEL

Controls power from the grid and your array to the individual circuits of your home

5 SOLAR BREAKER(S)

Switch on the Main Service Panel that cuts the power coming from your array

6 ETHERNET

Hardwired internet connection cable, likely located near computer

7 ROUTER

Wireless internet connection device, likely located near computer

8 METER

Device that reads incoming and outgoing power to and from the grid and your home

SERVICE DEPARTMENT

(314) 218-2663 x 102 | Service@StraightUpSolar.com

StraightUp SOLAR

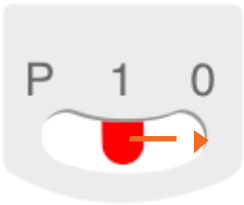
HOW TO POWER CYCLE YOUR **SOLAREDGE** INVERTER **(SMALLER THAN 10KW SYSTEM)**

Step 1: *Begin powering down the inverter.*

Locate your SolarEdge inverter to begin powering it down.

Find the red toggle switch on the inverter – toward the left-hand side, in between the top and bottom cabinets.

Look for the symbols “I” and “O” near the toggle. Push the toggle to the “O” position which will start powering the inverter down.



Note: In some SolarEdge models, the toggle has three different options (pictured to the left). Push the toggle to the “0” position.

Step 2: *Turn off the DC power.*

Find the black or tan dial/knob – it will be located on the front of the inverter, left side of the inverter, or below the inverter.

Turn the dial ¼ turn to the left into the OFF position.

SERVICE DEPARTMENT
(314) 218-2663 x 102 | Service@StraightUpSolar.com

Step 3: *Turn off the AC power.*

Locate the “solar breaker” inside of your main service panel – likely near the bottom.

Flip the solar breaker into the OFF position - this will be the opposite direction the rest of the breakers are facing in the main service panel.

Note: If the solar circuit breaker is not labeled, look for a dual pull 40 AMP breaker toward the bottom of the main service panel that might look newer than the others – this is likely the solar breaker.

Step 4: *Leave everything off for 10 minutes.*

Leave the AC and DC power completely off for 10 minutes. This will allow time for the capacitors in the inverter to discharge completely before proceeding to the next step.

Step 5: *Power the system back ON.*

Repeat all of the previous steps in the opposite order:

1. First, turn on the AC power by flipping the solar breaker into ON position. Make sure it matches the direction of the rest of the breakers in the main service panel.
2. Next, turn the DC power back on by turning the DC dial on the inverter clockwise into the ON position (pointing to 12 o’clock).
3. Finally, push the red toggle back to the “I” position.

You may hear clicking sounds as the inverters power back up – this is normal.

It will take up to 15 minutes for the inverters to cycle all the way back on. For screenless inverters, all three LED lights will turn on and remain solid for a brief time.

- Green light (Production)
- Blue light (Communication
- Red light (Error)

Step 6: *Verify production.*

After 15 minutes, check the LED indicator located in-between the cabinets of the inverter.

- Green light (Production) will stay solid
- Blue light (Communication) will blink or stay solid
- Red light (Error) will go off *

If your inverter has a screen, a short press of the rightmost button will “wake up” the screen. If you see a number below the “Pac”, solar production is taking place.

If the sun is shining, the online SolarEdge portal should begin to show data within 1 hour.

***If the red light remains on and/or a code appears on the inverter screen, document this and contact our Service Department for additional assistance.**