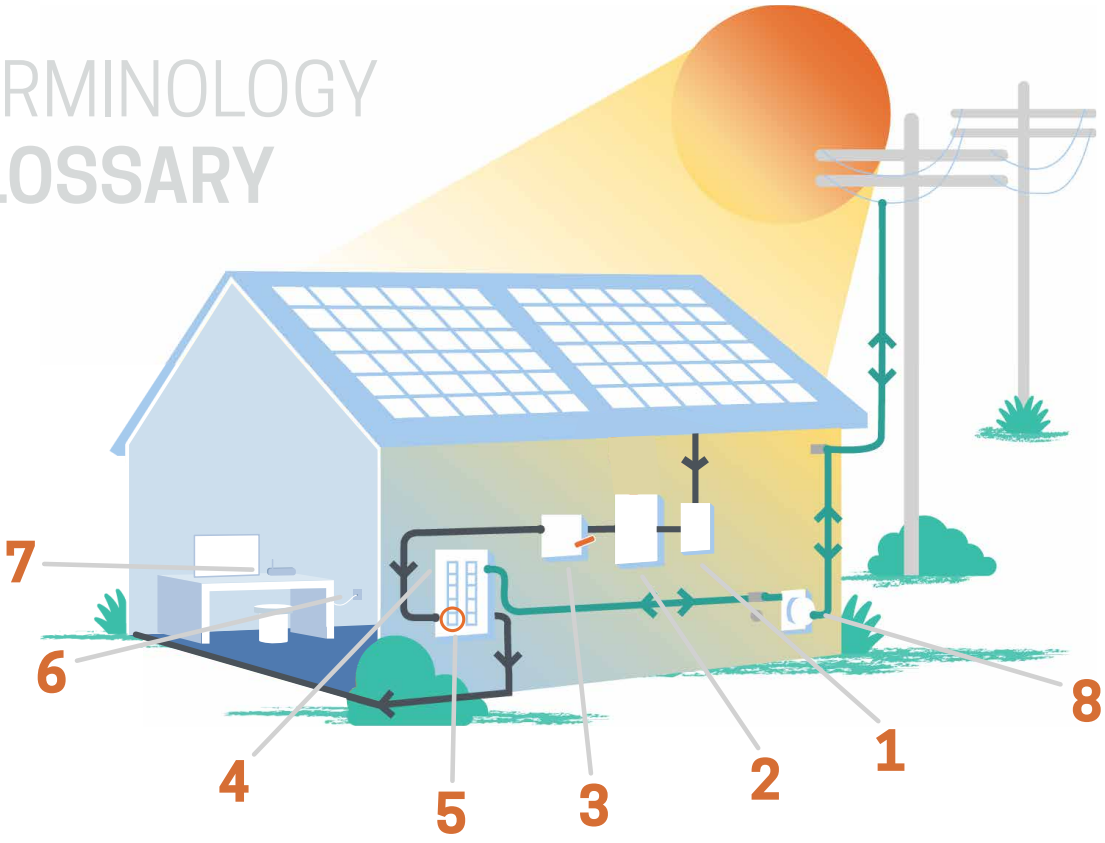
POWER CYCLING
FRONIUS INVERTERS

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

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

Step 1: *Turn off the DC power.*

Locate your Fronius inverter.

Find the black switch – it will be located on the bottom-left of your inverter.

Turn knob ¼ turn toward the "O" position. (Look closely at the switch from below to verify which position is the "O" position.)

Step 2: *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.

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Step 3: *Wait 5 minutes.*

Leave the DC power completely off for 5 minutes. This will allow time for the capacitors in the inverter to discharge completely before proceeding to the next step.

Step 4: *Turn on the AC power.*

Flip the AC solar breaker back into the ON position. Make sure it matches the direction of the rest of the breakers in the main service panel.

Step 5: *Turn on the DC power.*

Turn ON the DC disconnect switch on the bottom-left of your inverter by turning it toward the "I" position.

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

Step 6: *Check inverter screen for activity.*

Under normal conditions, the inverter will display a "Start Up" or "AC Grid Timer" message on the screen for 5 minutes.

After 5 minutes have elapsed, the inverter should be completely on and display a read-out of its real time production in watts.

> **If after 5 minutes, the screen displays a persistent State Code, please take note of the code and contact the Service Department for further assistance.**