

A large solar panel array is installed in a grassy field. The panels are tilted and supported by metal brackets. The background shows a sunset sky with a full moon in the upper right. Bare trees are visible in the distance.

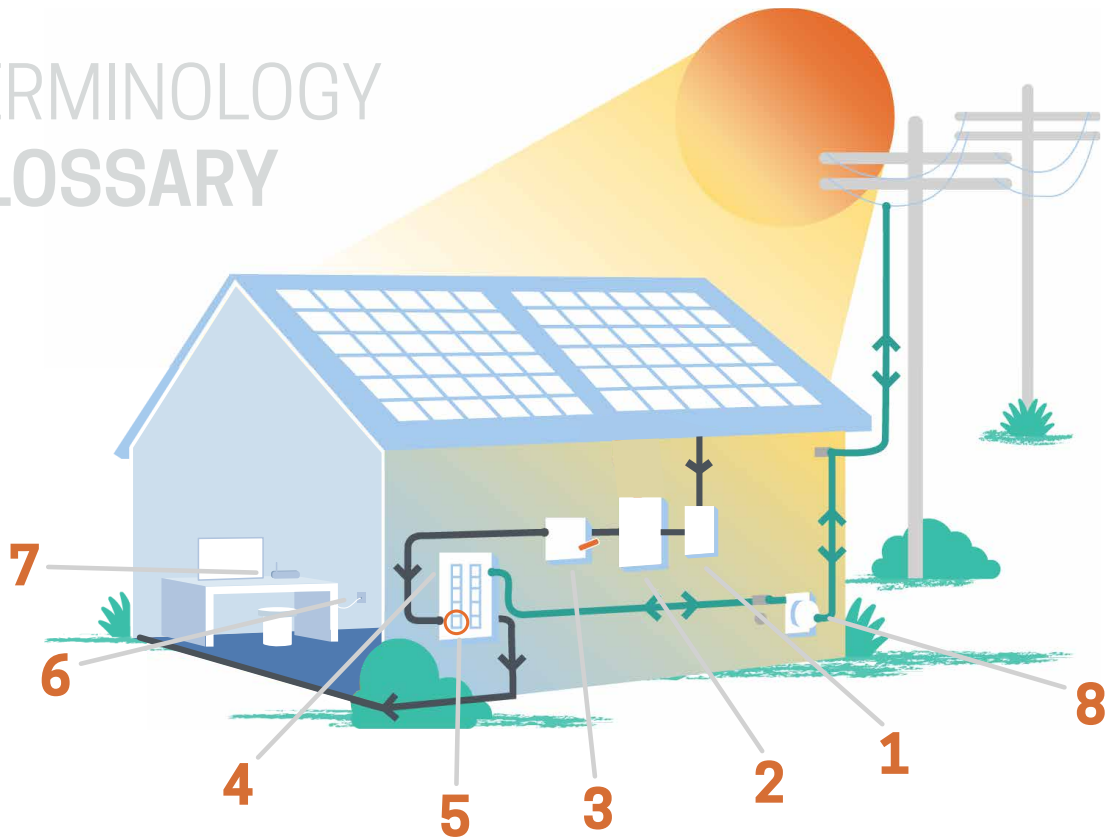
POWER CYCLING  
**FRONIUS INVERTERS**

LARGER THAN 10KW SYSTEM

A thin orange curved line above the text.  
**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



## HOW TO POWER CYCLE YOUR **FRONIUS** INVERTER (LARGER 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  $\frac{1}{4}$  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 AC Disconnect to turn off the AC power. The disconnect is often located outside near the meter.

Pull the handle down, into the OFF position.

### **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.*

Lift the AC disconnect handle up into the ON position.

### **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.