


I DON'T THINK MY MTU READINGS ARE ACCURATE

Note that this answer refers to *MTU* readings, not *Spyder* readings.

If you are using TED to measure home usage as well as solar generation, review the [Solar Installation Guide](#) and the [User's Manual](#) to be sure the System is configured properly.

To be sure the system is working properly we want to start with some predictable loads. From the Present Readings section on the TED Footprints Dashboard, select the light bulb to display power. 

While observing the Real Time Dial, turn on a hair dryer or microwave oven. These appliances should have a label that shows the rated wattage. When the appliance is on, the Real Time Dial should go up by that amount. For example, a hair dryer that is rated for 1200W should show an increase of about 1.2kW on the Real Time dial. There are typically a lot of small changes that can be going on at the same time (like lights in other parts of the home or water heater and refrigerator cycling on), so you may need to do the test a couple of times. If the readings seem close, but you are still unsure, then set up your Utility Rate Settings to closely match your Energy Provider and compare the kWh and cost on your next electricity bill to the accumulated readings on TED.

If you have done the above tests and the readings are not as expected, you will want to check the MTU(s) in the panel to be sure the CTs are connected properly (see image below). For typical homes, the CTs should be in the two positions nearest the grey power cord. After checking these, cycle power on the MTU by unplugging grey power cable from the MTU for a couple of seconds. Then reconnect the cable.



If you have any questions or need further assistance, please click [this link](#) to submit a Support Ticket. We have found this to be the most expedient way to provide assistance.