

How to Monitor with Enphase

Please note that this is an example of the Production Graph. Please refer to your Production Graph so that you can get the correct numbers for your production.

There are 3 different zones:

Green zone means the system is producing as it should.

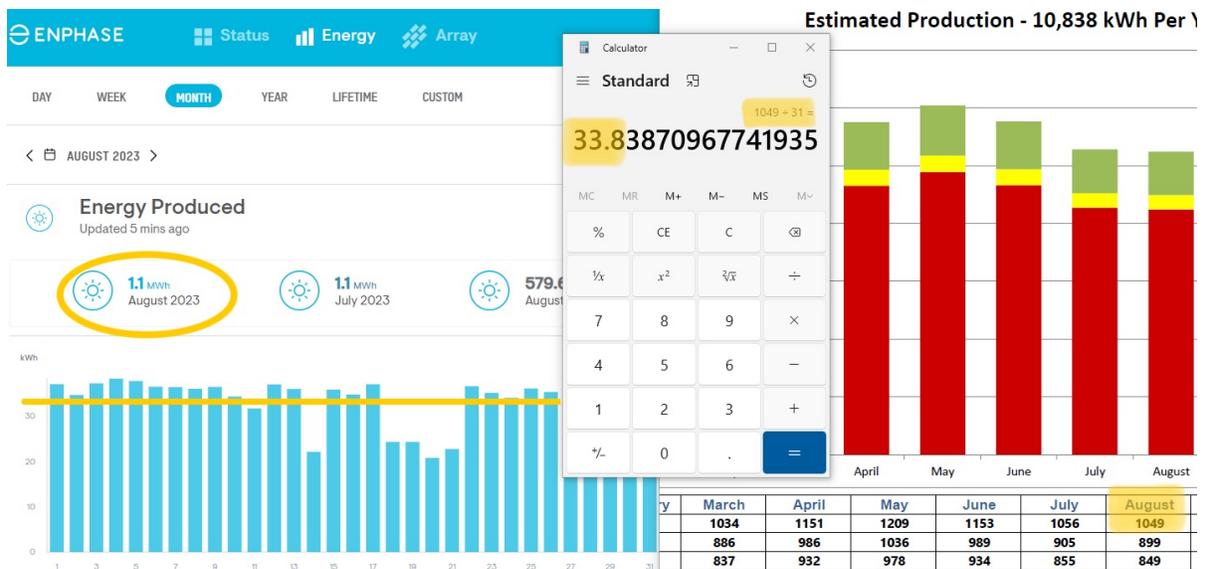
Yellow zone means the system is still producing well, but it could be a cloudy or stormy month.

Red zone means the system is not producing as it should and there's an issue. If production is ever within this zone, we need you to contact us and let us know so we can send a technician out.

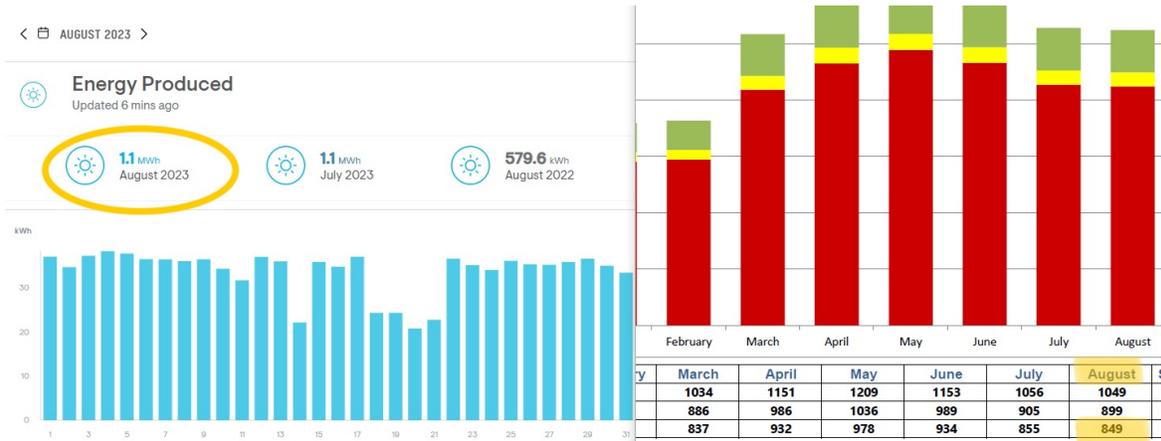
To check production, while in Enphase, go to the 'Energy' tab and select the 'Month' view

Throughout the month, you'll want to make sure that your system is trending to finish the month above the Red Zone system is producing what it should be producing on sunny days. To get your sunny production number, take the Green Zone number in the table below your Production Graph and divide it by the number of days in that month. That tells you what the system should be producing if it's sunny throughout that month (cloudy and stormy day numbers will vary depending on how cloudy or stormy it gets). Then, compare that calculated sunny day number to the numbers in Enphase to make sure you see sunny numbers on days that were sunny and only see the lower numbers on days that were overcast or stormy. We recommend checking this method on a weekly basis; the more often, the better.

NOTE: 1 MWh = 1,000 kWh



At the end of each month, you'll also want to double check that the system did in fact produce above the Red Zone regardless of any stormy days that occurred during that month. You **always** want to be above the Red Zone. To check the monthly numbers, compare the monthly total after the month has ended to the Red Zone number in the table below your Production Graph. As long as Enphase shows a higher number than the Red Zone number, you're above the red zone, exactly where we want to be!



When checking the monthly totals, also make sure those monthly totals aren't in the range of the yellow zone two months in a row. If this ever occurs, give Service a call to make sure there's not a small issue with the system. In the example above, the yellow zone is between 856-905 for July and 850-899 for August. So for the Production Graph above, if the system production was at 875 in July and then 860 for August that would be within the range of the Yellow Zone two months in a row, and Service should be called.

The Array Tab shows you the production output of each panel. The panels start out black for the day and will turn dark blue as they start producing energy, eventually they'll turn light blue. The more energy they produce, the lighter the shade of blue. Each roof surface will have different amounts of production based on the direction the panels face, so groups of panels - called arrays - can be different colors (right), that's normal and expected.



You just don't want individual panels within an array to be discrepant from the others (below) unless there is shade causing that to happen. If it's not shade, check for debris, if no debris that can be brushed/washed off, call us. That means there's a fault with the panel.

