How to Monitor Solar Production through the Tesla Mobile App

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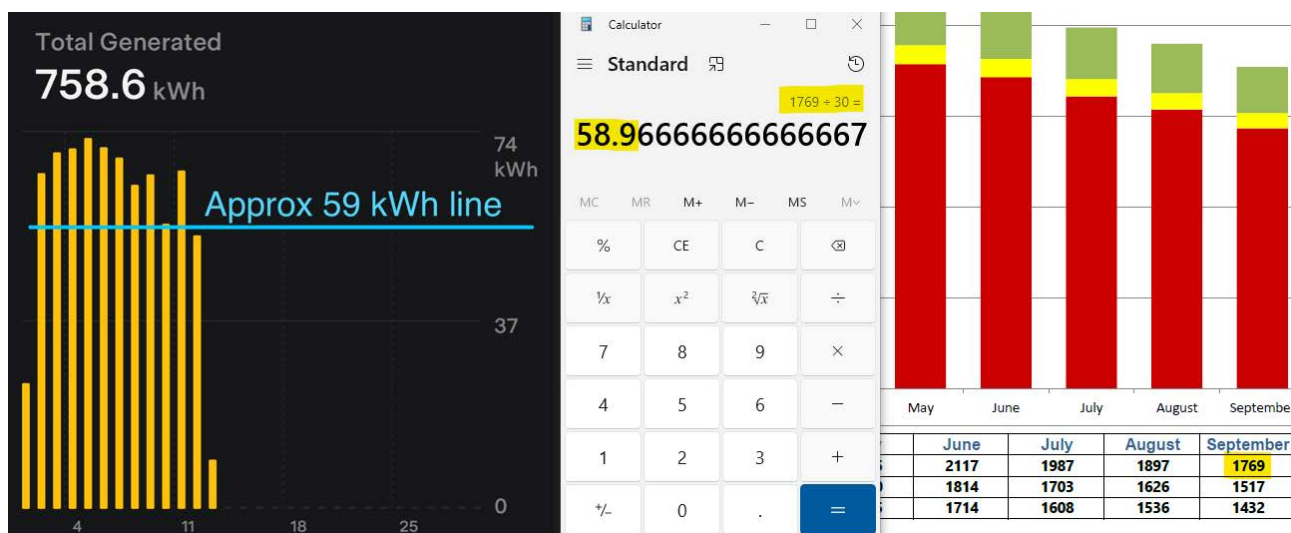
Red zone means the system is not producing as it should and there's an issue. If production is ever within this zone, we need you to contact us and let us know so we can send a technician out.

To check your solar production, while in the Tesla mobile app, go to 'Energy'. Select Solar from the image icons on the bar at the bottom of the screen. On the top right of the screen will be a dropdown menu, select the Month view. It's the easiest way to compare the production numbers.
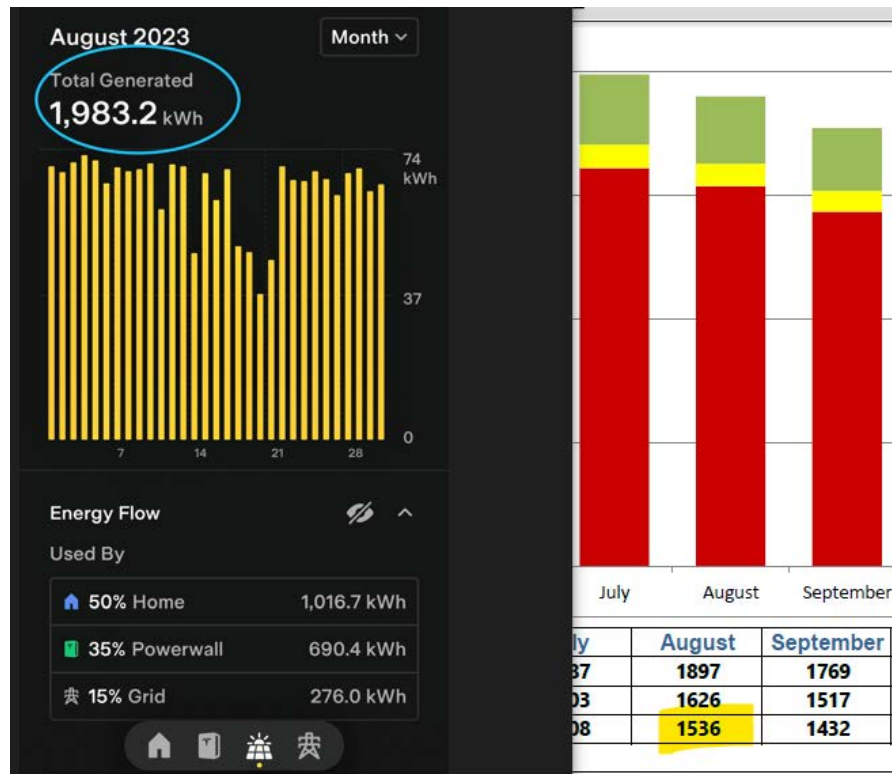
Throughout the month, you'll want to make sure that your system is trending to finish the month above the red zone system is producing what it should be producing on sunny days. We use sunny days as a baseline because cloudy or rainy day production varies greatly based on the amount of cloud cover.

To get your sunny day production number for each month, 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, and it represents the top of the Green Zone on your Production Graph. Then, compare that calculated sunny day number to the production number each day in the Tesla app to make sure you see sunny numbers on days that were sunny and only see the lower numbres on days that were overcast or stormy.

We recommend checking this method on a weekly basis; the more often, the better.

	June	July	August	September
	2117	1987	1897	1769
	1814	1703	1626	1517
	1714	1608	1536	1432

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 occured 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 Tesla 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 1,537-1,626 for August and 1,433-1,517 for September. So for the Production Graph above, if the system production was at 1575 in August and then 1500 for September, that would be within the range of the Yellow Zone two months in a row, and Service should be called.