



Solaredge inverter monitoring

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This is where your monitoring and solar service provider comes into play. Solar monitoring is one of the most important aspects of the long-term maintenance of your solar array. With proper monitoring, you'll be able to detect if your system isn't performing at peak performance and will be able to contact your solar service provider quickly to minimize downtime.

In this blog, we review the basics of the SolarEdge app so you can actively monitor your solar energy system. If you've ever wondered what the colored lights mean or how to turn your system on and off, we've got you covered. So, read on and learn all about solar monitoring, and if you have any additional questions, please feel free to contact us [here](#).

To get started, you can download the SolarEdge app from the App Store or the Google Play Store. When you first log into your app, there are different sections on your main dashboard. These are your site overview, power flow diagrams, power and energy, and comparative energy sections.

This section breaks down how much you're producing and using from your solar array and how much you're importing from the grid. The System Production bar on the left shows your solar array's production. This covers how much solar energy was used to power site loads and how much solar energy was exported to the grid.

Red light: This means a system error with your solar array. We recommend power cycling your inverter (see the next section below) or calling your solar service provider. If you don't have a solar service provider, you can always reach our service department at 480-689-5050.

The SolarEdge app also lets you view real-time production by individual solar panels. At the top of your app, you'll want to hit the "Layout" button next to the "Dashboard" button. This will bring you to a layout schematic of your inverters, strings, modules, and their arrangement on your property.

Panels that produce the most energy will be in light blue, and panels that produce less energy will be in dark blue. This can be useful in troubleshooting issues as you can visually see what piece of the whole system isn't functioning properly.

There are two kinds of monitoring to choose from: active and self-monitoring. Sun Valley Solar Solutions performs active monitoring for a small annual fee. With this, we actively monitor your solar array's performance for you and let you know if anything isn't working as expected.

If you'd like more peace of mind that your inverter and system are working as expected, our in-house service department is ready to help. You can request a quote online [here](#) or call our service team at 480-689-5050.



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After working in technology marketing throughout the Pacific Northwest and Silicon Valley for more than 20 years, Kyle opted to follow his heart and focus his talents in solar energy.

As the head of Marketing at Sun Valley Solar Solutions, Kyle works hard to demystify the ever-changing solar landscape in Arizona and across the country. He especially enjoys helping people separate fact from fiction by presenting solar transparently and accurately, rather than relying on hype or deceptive marketing tactics that are far too common with some solar companies.

When not touting the benefits of solar, encouraging his friends to opt for paper over plastic, or growing his own vegetables, Kyle is generally found hiking with his pointer Bravo or preparing a home-cooked meal for friends.

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