



Today's Challenge in Monitoring Solar Performance

IPPs and asset owners today are under pressure to deliver peak performance across increasingly complex portfolios. However, the tools they rely on are stuck in the past.

Data lives in silos: inverters, trackers, batteries, power meters and weather sensors operate independently with no unified view. This makes it harder to benchmark and optimize overall site performance. Plant Loss analysis is often manual, requiring data pulled from multiple sources, reconciled formats, and Excel calculations – a slow, reactive process that leaves operators guessing.

Silent energy loss from soiling, shading, misaligned trackers, or underperforming strings can cost millions before it's even noticed. By relying on manual analysis, response times are delayed, and reporting becomes a challenge – undermining both revenue and credibility.

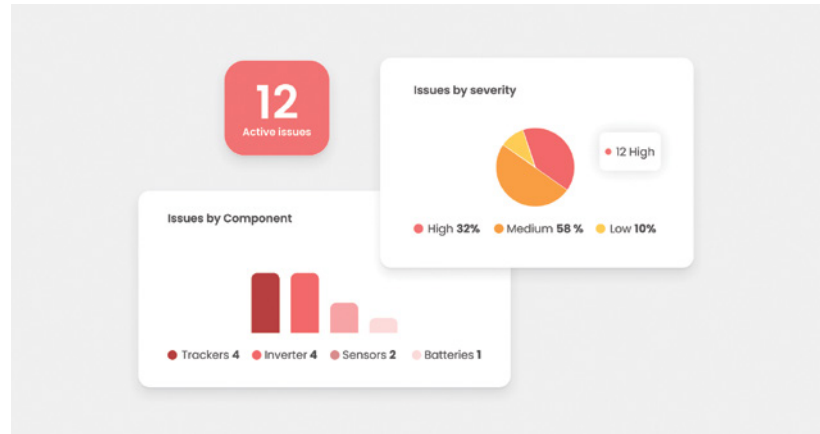
What SOMA Delivers

No more digging through spreadsheets or managing disconnected data sources – Solargik's new SCADA system uses proprietary algorithms to deliver complete visibility and control. With energy performance monitoring and granular loss analysis, you can respond in real time, and make smarter decisions, faster. You'll gain the clarity to act decisively, optimize performance, and stay ahead of issues – all from one platform.



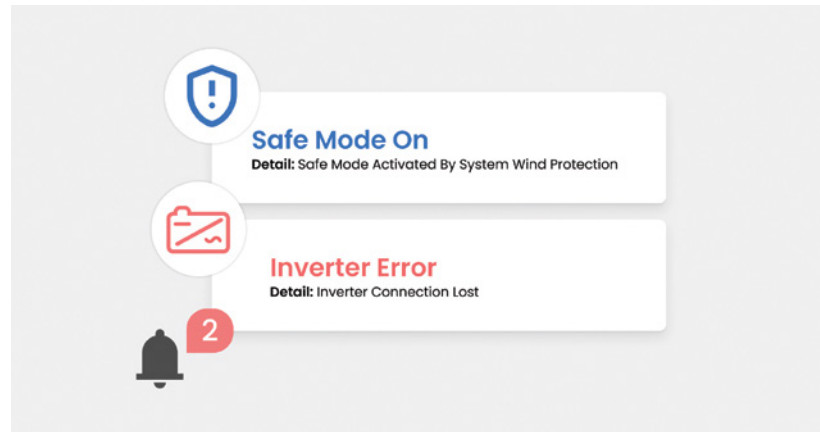
Real-Time Issue Detection

Catch underperformance and faults across trackers, panels and other areas of your site. With mobile access and predictive maintenance tools, your team can significantly reduce field visits.



Actionable Data Alerts

Receive customizable alerts and recommended troubleshooting steps, so your team can take immediate action and quickly recover lost energy across your site.





Energy Performance Monitoring

Track, analyze, and optimize production with a breakdown of current energy vs optimal energy output. SOMA's live dashboard allows for complete site visibility from motion tracker to inverter performance, all in one place.

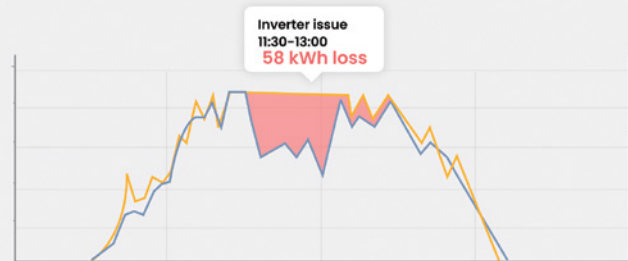
Production vs. Irradiance



Granular Loss Analysis

Understand why energy production is less than optimal and tackle issues across the plant. SOMA's smart diagnostics and system behavior insights allow you to pinpoint problems before they materialize.

Performance Loss Analysis



About us

Solargik's intelligent, terrain-adaptive solar systems deliver strong performance in complex and constrained environments. Lightweight, single axis trackers engineered for flexibility – especially on slopes up to 30% and in agrivoltaics. Its proprietary SOMA software platform provides integrated control, real-time diagnostics, and advanced automation. Field-proven across projects worldwide, Solargik helps operators maximize output, reduce costs, and unlock the full potential of every site.



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