SPARKSOLAR
SERVICES

SOFTWARE AND MONITORING

The Spark Solar Monitoring platform combines metering hardware and web-based software into a scalable energy generation and usage monitoring service. The platform works with any current or future type of power inverter, collecting performance data and continuously uploading it to a cenral database.

	KiloPlan $30 / month	MegaPlan $50 / month	GigaPlan $100 / month	TeraPlan $150 / month
Web Based Software — Users have access to a web-based dashboard to track generation data, monitor performance, diagnose system issues and send notifications of system faults.	●	●	●	●
Basic Reporting Package — Portfolio Overview, Project Dashboard, Output Reporting, Basic Alarming, Inverter Faults	●	●	●	●
Environmental Impact — Greenhouse emission reduction is displayed in practical terms	●	●	●	●
Configurable Alarm Thresholds — Based on historical levels of output, system performance thresholds are monitored and alarm notifications generated when the system fails to meet those benchmarks.	●	●	●	●
Event Notification — Email and text message alerts when system alarms are generated with recommended action.	●	●	●	●
Advanced Reporting Package — Production Monitoring, System Efficiency, Performance Analysis Graphs, Performance Baseline, Performance Reports, Expected vs. Actual, Performance Guarantee Tracking		●	●	●
Monthly Automated Reports — Periodic system reports are emailed to you automatically.		●	●	●
System Comparative Analysis — View how your system compares to other solar power plants generating in your area.		●	●	●
Managed System Optimization — Utilizing a set of customizable and automated diagnostics, Spark Solar's Managed Optimization service enables technicians to proactively optimize system performance and identify underperforming systems.			●	●
Customized Alarms and Reports — Identifying and or notifying problems with energy production or hardware operation			●	●

PRODUCTION ASSURANCE

	KiloPlan	MegaPlan	GigaPlan	TeraPlan
On-site commissioning — The first month of operation is critical. Spark Solar will characterize and record baseline performance to quantify your results and identify problems when they occur due to age, soiling, equipment failures, shading, etc			●	●
Annual On-site System Inspection — Identify site issues that affect system performance. An inspectors report with a detailed list of recommendations for preventive maintenance and optimum system performance is provided.			●	●
Annual Tracking Equipment Inspection — Visually inspect mechanical housing, gears and drivetrains. Examine site for signs of erosion and vegetation interference. Infrared scan of all electrical componants and modules.			●	●

ESSENTIAL SERVICES

	KiloPlan	MegaPlan	GigaPlan	TeraPlan
Mechanical and Electrical Tune-up — Remove dust and dirt from panels and inspect panels for micro cracks that can effect system performance. Visually inspect mechanical housing, gears and drivetrains. Examine site for signs of erosion and vegetation interference.			●	●
Back-Up System Inspection — Check connectivity, battery back-up, manage calibration			●	●
Service and Warranty Management — Online archive of service tickets and warranty claims / manage and process warranty claims			●	●

INVESTMENT PROTECTION

	KiloPlan	MegaPlan	GigaPlan	TeraPlan
Insurance — Coverage for mechanical breakdown during testing and commissioning, property and general liability insurance, business interruption insurance and boiler and maintenance insurance.				●

Any service required that goes beyond the scope of your service package is subject to standard parts and labour rates.