

Eternia Services provides wide-ranging O&M services that ensure the longevity & steady performance of the PV systems.

eterniaservices.com



Operations & Maintenance



24/7
monitoring
service



10+ years of
experience
in solar sector



Fast response &
resolution, best
value for money



Offices in
Lithuania, Poland,
and Germany

Eternia Services

eterniaservice.com



• Why is it worth using our O&M services?

To ensure smooth operation of your PV systems in the long run, it is essential to conduct regular maintenance and monitoring of your system's performance. Routine maintenance helps prevent any problems that may result in the system's failure when unnoticed.

By choosing our O&M services, you leave the monitoring to the professionals who are well-equipped to carry out continuous inspections, notice any system's deviations and resolve the issues in time.

• How much will it cost?

The price is determined individually for each client based on the chosen package and the power capacity of the PV system.

• What are the benefits of continuous monitoring?

Continuous monitoring allows for timely reaction to any system faults. Unnoticed system error may impede energy production levels or even cause a complete system's shutdown, in turn, resulting in financial loss.



Our clients





Eternia Services is committed to providing the finest energy solutions & offers wide-ranging O&M services.

High-quality operations and maintenance (O&M) services mitigate the potential risk, improve the levelized cost of electricity (LCOE) prices, and positively impact the return on investment (ROI).

Taking great care of your energy asset is crucial to its longevity and maximum long-term efficiency.

Eternia Services offers integrated O&M services that ensure long-term performance, consistent efficiency, and a prolonged asset lifecycle.

Our full range of O&M assistance guarantees the maximum ROI of your solar project.



Investing in a solar project is only the first step of the process. A PV system must be properly maintained from the very beginning to ensure its steady long-term performance.

Here at Eternia Services, we believe in truly sustainable solutions achieved through consistent monitoring and due care of any solar project. Our team of qualified in-house experts ensures that your PV plant maintains the highest possible efficiency over its entire lifespan.

Evangelia Koritsa
O&M Expert at Eternia Services



Eternia Services operations and maintenance encompass a broad spectrum of services and tools that help immediately eradicate any possible occurring issues.

Regular site visits, day-to-day monitoring, and advanced software systems allow for precise performance tracking and timely issue identification.

Augustinas Statkevičius
O&M Engineer at Eternia Services

What we offer

Eternia Services offers technical asset management, on-site, and other O&M services to help maintain the PV system at its highest level of performance throughout the entire lifecycle.

Each of our clients is assigned a dedicated operations manager – a single point of contact regarding the entire O&M process and any technical matters. In this way, we ensure efficient communication between the client and the Eternia Services team at all times.

[Visit website](#) →



1. Technical Asset Management

- + Monitoring
- + Remote plant control
- + Energy forecast
- + Performance analysis
- + Technical reports
- + Warranty management
- + Spare parts management

2. On-site services

- + Preventive maintenance
- + Corrective maintenance
- + Greenkeeping

3. Additional services

- + Module cleaning
- + IR area picture
- + Electroluminescence picture of modules
- + Revamping

Our experience guarantees the utmost engineering quality, return of investment, and seamless installation

[Book now](#) →

1. Technical Asset Management



Monitoring

Our Tier 1 monitoring software provides real-time data and allows our control center to track the efficiency of PV systems seamlessly and assess any issues concerning their operation.

We provide 24/7 monitoring of PV system performance on string-level data, enabling our team to take necessary corrective action immediately.



Remote plant control

Eternia Services provides remote plant control consisting of monitoring and remote-control services. We integrate the local monitoring system into a cloud-based portal, which enables professional operation management.

The remote control also includes the ability to access and alter the plant settings remotely.



Technical reports

We provide monthly reporting on the most important technical matters.

The monthly reporting includes a monthly performance overview of the PV plant, site-specific key performance indicators, incident reporting, and O&M contractor KPIs (e.g., intervention time, response time, resolution time).



Energy forecast

Eternia Services adopts advanced forecasting tools that help calculate expected power production for a certain timeframe based on weather forecasts.



Performance analysis

Eternia Services offers detailed PV system performance analytical reports. Our in-house experts examine data and provide analysis on the plant, inverter, or string level.



Warranty management

Our team manages warranties related to supply of equipment and services, and project construction.

Warranty management is executed with the objective of reducing the costs and response times after warranty claims for repair or replacement.



Spare parts management

We ensure the availability of the right amount and type of equipment components on-site, at our warehouses, or manufacturers' consignment stocks for prompt replacement in case of failure.



2. On-site services



Preventive maintenance

Regular visual and physical inspections of all components of a PV system help guarantee its running at maximum capacity and secure the warranty claims.

Eternia Services provides proactive scheduling of preventive maintenance to ensure the smooth operation of solar power plants.



Corrective maintenance

If the control center detects an abnormality, Eternia Solar schedules the necessary corrective measures to solve the issue as soon as possible.

In-house technicians and a vast network of subcontractors ensure fast reaction time. The client receives updates about the real-time status via the Eternia Services ticket system.

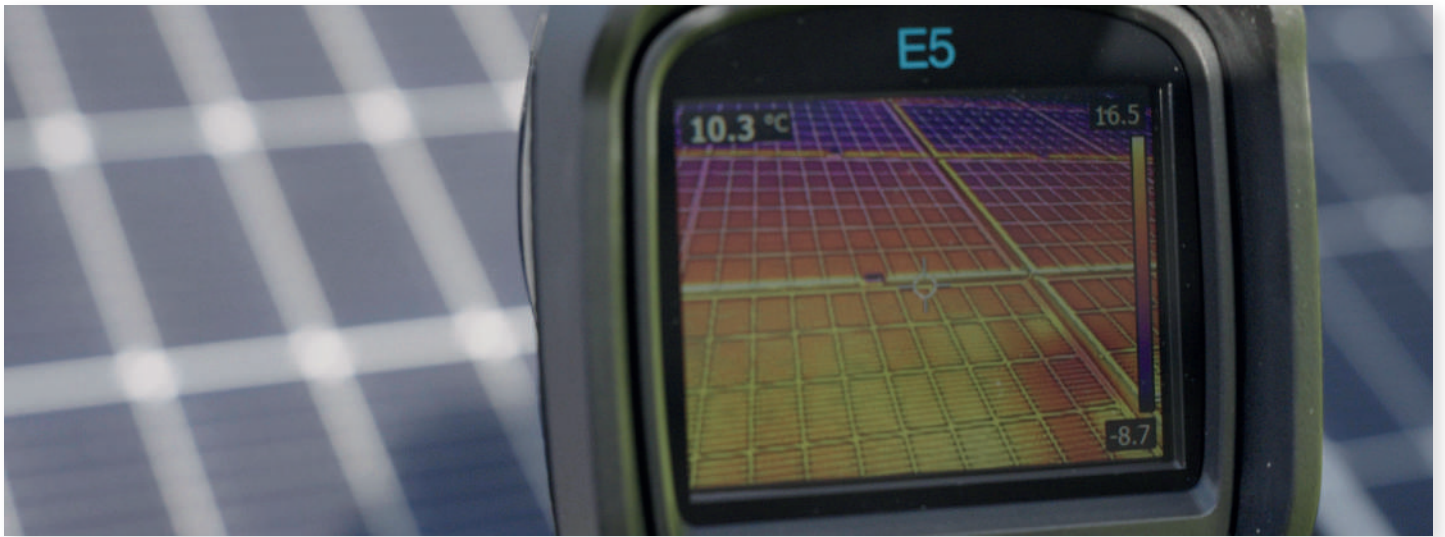


Greenkeeping

On free field systems, regular greenkeeping is necessary to avoid module shading.

Based on the local requirements, the Eternia Services team performs greenkeeping using lawnmowers or sheep.





3. Additional services



Module cleaning

Cleaning solar panels is necessary to retain their efficient operation, especially in regions with high amounts of particulate matter in the air.

Eternia Services performs professional cleaning services that keep solar modules intact.



IR area picture

Aerial infrared (IR) photos allow us to assess the quality of deployed solar panels and see if hotspots or hot cells are detected.

Unaddressed hotspots may damage solar cells and deteriorate their effectiveness.



Electroluminescence picture of modules

By analyzing electroluminescence (EL) pictures, our experts determine each panel's technical shortcomings.

Defects such as poor soldering of contacts, cracks, or other manufacturing issues can be spotted in advance and solved before significantly impacting the project's profitability.



Revamping

A successful revamping project encompasses a detailed redesign, concept study, and a careful analysis of the current market to seek the best possible solution.

Eternia Services ensures that the project is back to normal and operates smoothly after the revamping.

Monthly reports

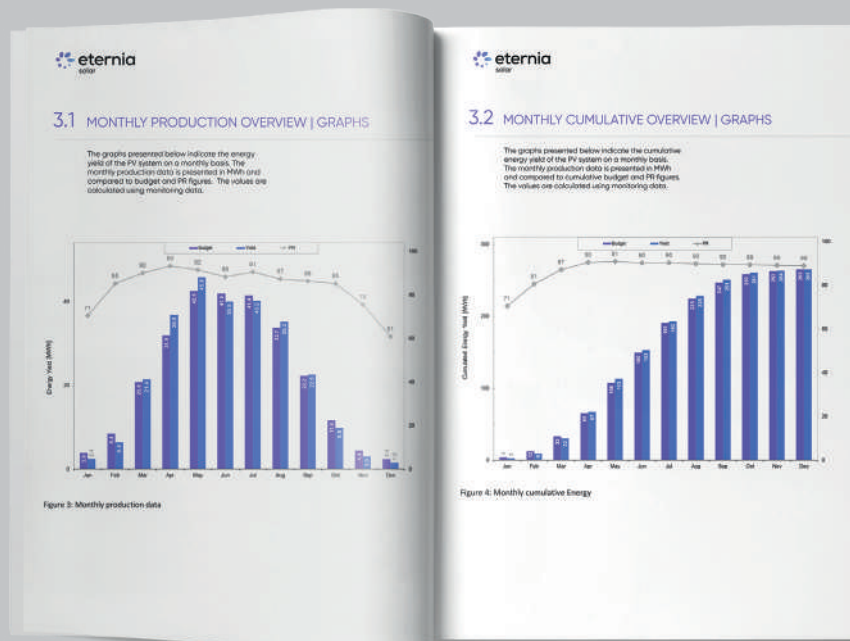
We provide monthly reports on the most important technical matters.

+ What is included in the report:

- + Production Overview Graphs:
 - Monthly Production Overview
 - Monthly Cumulative Overview
- + Incident and HSE Log:
 - Incident summary
 - Health and Safety

The components of the report may be adjusted upon request.

- + Site Introduction
- + Key Performance Indicators (KPI) Dashboard
- + Monthly Production Table
- + Evaluation Annual Yield
- + Open warranty issues
- + Open Insurance issues
- + Additional information



Why choose Eternia Services?



Client-oriented approach

Effective communication through a dedicated operations manager, supervising the entire O&M process.



Fast reaction time

Our in-house expert team and close partnerships with subcontractors allow for a fast onsite reaction time.



Years of experience

More than 10 years of international experience working with solar projects.



Internal know-how

Highly trained and qualified in-house professionals have strong expertise in PV system design, grid connections, PV system monitoring and data analysis, procurement, and more.



International network

Our international networks with DSO, DCO, and construction companies enable us to find solutions to any issues worldwide effectively.



Cost efficiency

Effective and digitalized O&M solutions guarantee the best value cost.

Eternia Services belongs to Sun Investment Group, whose developed projects ranked 40 among the TOP 50 largest PV portfolios in Europe in 2021.

Interested in O&M services for your business?

Contact us →

eterniaservices.com