

» Operation & Maintenance (O&M)

Our goal for O&M is to maximize our customers' energy production and protect their investment by maintaining the plant and equipment to the highest industry standards.



Why ESA?

ESA Renewables is a bankable solution for the operation and maintenance of solar energy generating plants. Not only has ESA developed cutting edge monitoring and control systems, installed multi-megawatts of power, but also has implemented detailed operation procedures and provided maintenance services on more than 500 solar installations involving over 45 different utilities.

ESA's O&M Services:

- Perform Energy Auditing
- Carry Out Proper Maintenance
- Manage Anomaly Alerts
- Minimize Economic Losses from Outages
- Audit Energy Production
- Perform Corrective Maintenance
- Fix and Warrant Inverters
- Achieve Maximum Performance
- Provide Asset Management
- Power Production Guarantee
- Perform Preventative Maintenance

ESA has the ability to track all of the indicators and parameters to optimize performance and to carry out the required maintenance of each solar power plant.

» Solar Power Production Guarantee

ESA's unique program guarantees specific monthly energy production for solar energy generating systems under an operation and maintenance (O&M) agreement. Should the photovoltaic system fail to meet annual guaranteed power production levels, ESA will compensate the solar plant owners the difference between guaranteed and actual energy generated annually.

» Asset Management

Our asset management enables investors and site owners to maximize ROI and retain long-term asset value. ESA provides a structured approach to ensure predictable energy productivity and a reliable revenue stream over the life of the solar power plant. ESA does this by performing the following actions:

- Perform Energy Auditing
- Analyze Real Time Analytics of the Site
- Identify Current and Future Problem Areas of the Site
- Optimize Corrective Action
- Provide Qualified and Certified Services
- Manage Warranties and Incident Reports
- Factory Authorized to Work on AE Inverters

ESA provides a long-term, reliable and clean solution to maintaining your sites top performance through our operation and maintenance team. The ESA support team is available 24 hours a day if needed.

