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.

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.

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