

## Energy Asset Management Services



Fallbrook Public Utility



High Tech High



Sabert Before & After Cleaning

### Selected Clients



City of  
**Santa Monica**



WATER | ENERGY | LIFE



The HelioPower Energy Asset Management Services is a result of decades of experience working to ensure the performance of client owned assets, utility and city owned systems and company owned photovoltaic solar assets.

### Asset Acceptance

With over 2000 solar installations in operations, our team has extensive experience converting a solar construction build into an operating asset. The HelioPower solar asset acceptance service is a 3rd party review and verification of your solar asset construction. It ensures you are ready for utility Permission to Operate (PTO).

### Independent Audits and Commissioning

You can book the value of your solar power asset with independent system appraisal. The HelioPower technicians will audit all mechanical, electrical and system performance components. Energy generation data will be used to ensure performance is consistent with the system's warranties.

### Performance and Financial Optimization

Ensure the energy output of your asset with HelioPower performance services. Operations and Maintenance (O&M) services are offered in levels you can customize for your asset portfolio.

### Operations and Maintenance Service Programs

We understand that the primary mission of any solar power operations and maintenance (O&M) program is to optimize the reliability of the energy producing assets. This results in reduced O&M costs, as well as increased energy production.



HelioPower offers energy systems O&M services for any situation to ensure that system up-time and energy production is maximized; thereby, increasing the return on the asset.

Three Levels of Operations & Maintenance	Level 1	Level 2	Level 3
Remote electronic system monitoring (if applicable)	✓	✓	✓
Alert configuration	✓	✓	✓
Array cleaning	✓	✓	✓
Stand by response for system failures	✓	✓	✓
Production Data analysis and monthly report		✓	✓
Preventative maintenance program		✓	✓
Instantaneous power output & energy evaluation		✓	✓
Visual inspections		✓	✓
Infrared inspections		✓	✓
Testing - electrical connectivity		✓	✓
Calibrate - pyrometer & other DAQ equipment		✓	✓
Identify any damaged or failing equipment		✓	✓
Recommend any corrective action		✓	✓
Annual system recommissioning		✓	✓
Recalibrate tracker controller's operation			✓
Predictive maintenance program			✓
Production guarantee & generation asset insurance			✓