



Renewables Division



Capitol Valley Electric's Operations and Maintenance services are designed to maximize the lifetime value of your solar power plant assets. Leveraging our 10 years of solar industry experience with a multitude of farms under operation and several MW of projected pipeline projects, CVE pro-actively monitors and manages your plants minimizing downtime and increasing site availability, resulting in maximum energy production, revenues, and profitability. Customized service packages offer the right fit for any solar power plant owner.

Service Offerings

We offer basic, standard, and premium plant supervision, as well as basic, standard, and premium maintenance.

Site Monitoring

Software monitoring/asset management software provides critical 24/7/365 remote monitoring, diagnostics, and troubleshooting. Developed by using years of aggregated data from our PV plants under O&M, our proprietary algorithms are used to analyze daily plant performance and pinpoint potential problems even if they are not reported by the SCADA system.

Reporting

Daily, monthly, and annual reports provide a record of key parameters and significant operational events and trends. Reports include an executive summary, daily performance statistic, annual performance, a maintenance summary, a spare parts summary, a summary of technical and other issues, and a root cause analysis for corrective maintenance.

Preventative Maintenance

We continuously review the condition, operability and safety of all PV systems and perform the required preventative maintenance to ensure maximum performance of the plant. We minimize generational losses when performing preventative maintenance.

Corrective Maintenance

We arrange for corrective maintenance to be performed on site. Our field technicians have experience with numerous inverter technologies.

Warranty Maintenance

Let CVE be your advocate for all warranty claims. We will enforce your claims and exercise all your rights of arising under warranties and guarantees for components located within the project.

Spare Parts Management

CVE can maintain an inventory of spare parts either on site or at an off-site facility controlled by the owner.

Safety

At CVE, safety is of paramount importance. We ensure the safety of all maintenance activities performed at the site. To date, we have zero lost time due to any safety issues.



Contact Us for Your Next Project

capitolvalleyelectric.com | (916) 686-3244

info@capitolvalleyelectric.com