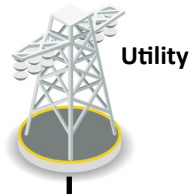


## Solar

Aging asset reduced performance, single point facility resource and grid operations.

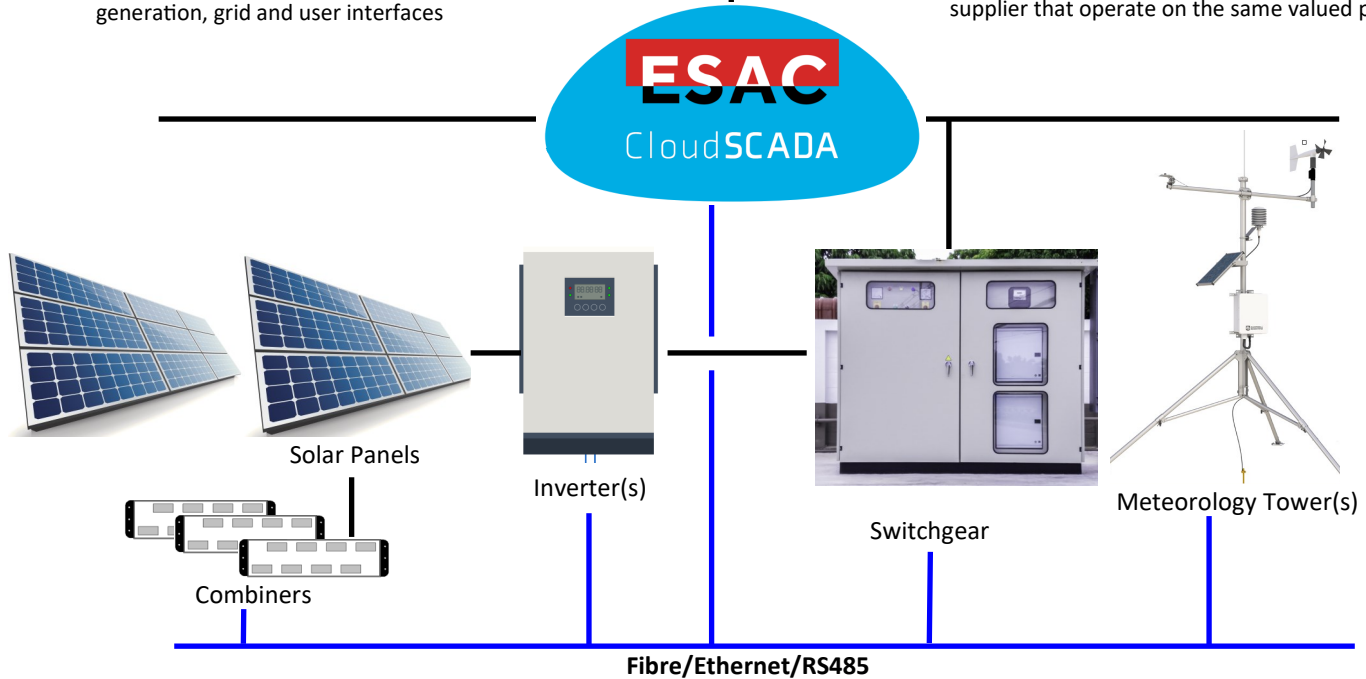
- Tracking production with weather and reporting to identify system areas to address or improve
- Reporting dispatching versus available generation, grid and user interfaces



Utility

Reduced staff facilitates operation per regulatory grid requirements optimizing assets use that is documented for authorities' records, equipment operation and maintenance notification.

Smart Grids; integrated relationship of receiver to supplier that operate on the same valued principles.



Optimize production operations with supervised control supporting remote access utilizing automatic reconnect/restart process and notification of any underperformance specified to current conditions.

I. Generation capacity and production sectional control resulting of varying weather conditions.

- Solar panels strings combiners measurement monitoring of equipment fatigue or failure
- Weather metering and inverter produced energy specified cross reference reporting
- Trackers with inverters integrated control optimizing objective for current environment

II. Access equipment operation and maintenance requirements with alarming and reports.

- System sections energy production profile over selected period to performance monitor
- Inverters with combiners site summary providing overview details for operation review
- Equipment and devices monitoring problem notification for ease of identifying and addressing

III. Local SCADA systems integration with regulatory authority and staffing mobile interface.

- Protection and integration systems ensuring grid compliancy and equipment safety
- Generation controls to maximize production and maintain connection requirements
- Monitoring of equipment statuses, alarms and metering with historian reporting

ESAC has 30+ years experience of power systems with generation and grid interfacing as overall project or strategic solutions supplier working with owners to ensure quality deliverables.

Electrical Equipment and Integrated Control Systems – Standardized Solutions  
Address all Facets of Operation and Business Requirements  
Maintenance and Support Programs Optimizing Performance with Compliancy

*All with Versed Technical Staff and CloudSCADA Integrated Solutions*

Addressing projects owners and clients electrical design with equipment for software/hardware integration working with your team achieving successful projects and continued operations.