

Engineering Services



Sample Projects

1.1 MW, Azure Power

Ahwan, India

500 kW, Giumarra Vineyards Corp.

Bakersfield, CA

380 kW, Valley Wide Beverage

Fresno, CA

302 kW, Maplewood Homes,

HACSB

San Bernardino, CA

275 kW, Cal Avenue Partners

Corona, CA

160 kW, Sony Electronics, Inc.

San Diego, CA

The Azure Power project was remotely located with a staff unfamiliar with large scale PV installations. In spite of significant challenges, the project was accomplished well before the deadline.

- 1.1 MW, Azure Power, India

In the United States or worldwide, our team provides in depth design and engineering services to ensure your project is delivered on time, on budget and generates maximum energy and financial returns.

Site Assessment

To yield a full understanding of the project site, client objectives and interconnection requirements, site assessment services include pre-site analysis and planning, technology review and selection, utility interconnection requirements and a preliminary financial model.

Project Design

Project design services include facility gap analysis, national distribution schema, preliminary bill of materials, preliminary T&D and interconnect plan, preliminary EPC plan, evaluate alternate off-taker potential and a detailed financial model with sensitivity analysis for go/no go decision.

Full Life-cycle Project Cost, Financial Returns and Investment Analysis

This phase outlines a complete project plan including finalization of project scale, final technology selection and engineering, final bill of materials, procurement and construction plan, operations and maintenance plan, prepare construction financing proposal, and prepare tax and cash equity investor reports as needed.

Quality Control

HelioPower offers quality control and asset management services to ensure the optimum performance of your renewable energy system investment.