



INVEST FUTURE

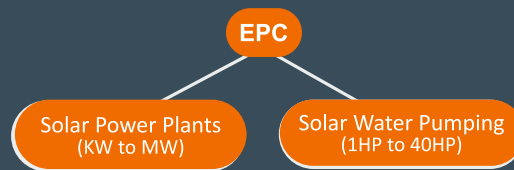
CORPORATE OVERVIEW



UNIK Power is strongly uprooted from the engineering based company “UNIK Engineering” which has an experience of more than 25 years in designing and implementing the Special Purpose Machine (SPM) for Textile Industries, Chemical Industries and Paper Industries. UNIK Engineering extended its experienced hand into Renewable Energy in the year, 2005 aiming to deliver a world class solution, especially in the field of Solar Energy. UNIK Power has a strong and dedicated team for Research & Development, Design & Engineering in Mechanical, Civil, Electrical and Electronics Department, Project Consulting & EPC.

EPC / SYSTEM INTEGRATION :

We provide complete end-to-end solution in installing Solar power Plants and Solar Water Pumping System. Our team has experts from multi-disciplinary engineering fields and has got intense experience in providing the customized solution.



We do complete site analysis and frame the system in such a way that it would benefit our customer with maximum returns to their hand in terms of money and the quality that lasts forever. Our advisory team guides the customer in directing their investment in an effective way by highlighting the most advanced technology that is available till date.

Solar Mechanical Structures :

We are specialized in design, manufacturing and supply of standard and customized Solar Mechanical Structures, which has been classified as below and we are the only company in India offering Module Mounting Structure (MMS) with wide range of material:



Solar Tracking System :

The efficiency of any solar module is less than or around 20% only, and the effective time of power generation is only 4 to 5 hours a day. To overcome this constraint, UNIK Power offer the most innovative and successful product “Solar Tracking System” which enhances the module to generate more power by continuous tracking of the sun automatically. We are pioneer in both:

- Single Axis Tracking System
- Dual Axis Tracking System

Single Axis Tracking System is recommended for Mono and Poly-crystalline Solar Module, whereas Dual Axis Tracking System is suitable for High Concentrated Photo Voltaic Cells (HCPV). We have developed an advanced Solar Tracker, which we call it as “**Universal Solar Tracker**” that comes with Manual Seasonal Tilting Arrangement. Universal Solar Tracker, acts like a semi-dual axis tracking in which the altitude angle of the module could be adjusted manually according to the latitude of the locations. Our solar tracker comes with independent power supply unit that has an inbuilt battery backup and tiny solar module, which doesn't seek any external power supply source.

HIGHEST EFFICIENCY & FASTEST PAYBACK



Dual Axis Tracking System



Single Axis Tracking System

EXPERIENCE

UNIK Power has enhanced High Concentrated Photo Voltaic (HCPV) Module with its Dual Axis Tracking System and did vigorous field test in optimizing the performance of the module.

We have supplied more than 300 numbers of Solar Tracking System for Solar Water Pumping Projects and still 500 numbers are in pipe line which would be supplied in next 3 months.

In Solar Water Pumping System, we have installed up to 15 HP and are capable of doing up to 30 HP. We have an inbuilt programming team to optimize the program of the pump controller to increase the efficiency of MPPT.

OUR RECENT ACHIEVEMENT

UNIK Power succeeded in enhancing HCPV (High Concentrated Photo Voltaic) modules, achieving its highest performance with Dual Axis Solar Tracking System. We have achieved:

- **99.89% Tracking Accuracy**
- **41.3% Cell Efficiency**
- **32.95% Module Efficiency**



HCPV Module



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