Project management is the application of processes, methods, skills, knowledge and experience to achieve specific project objectives according to the project acceptance criteria within agreed parameters.

Activities during EPC



There are approximately 110 drawings and design documents including Electrical DC, Electrical AC and Structural Engineering which need to be prepared to start execution.

Ine Hequest for Proposals are floated for approximately 25 different packages including — Modules, Invarters, Mounting Structures, Cables, Transformers, HT & LT Panels, Electrical, Cvill & Transmission Line Contractors etc Negotiation and Finalization of vendors is done based on Techno Commercial reasons.

The Contractors appointed execute the plant in a phased manner often using specialized machinery including ramming & auguring machines, hydras, loaders, cranes, mixers, AJAX, tractors etc.

Typically, multiple gangs of labor are used taking the total number from 50 to 300 depending on size of the plant and execution time.

Permits-The Little Known Devil

Pre Construction **During Construction** State Nodal Agency Registration Consent to Establish from Power Purchase Agreement of Installation Pollution Control Board MNRF Exemption Certificates for Registration of Land Parcels Control Board Permission for Evacuation of Customs & Excise Duty Permission for Connecting Plant to Power to a Substation Chief Electrical Inspector Approva Substation for Drawings Commissioning Certificate CT / PT & Meters Inspection Transmission Line Permits Labor Licenses

Reliable Consulting Engineers

Primary Business Address

SF-205, MAATRUHARI FLATS, AKOTA STADIUM ROAD, BESIDE IOC NAGAR, OLD PADRA ROAD, VADODARA – 390020

> Phone: +91 9327168907 Email: jaymin.fajalia@onlinerce.com/ sales@onlinerce.com Website: www.onlinerce.com



Making Things Happen!

Installation and Commissioning

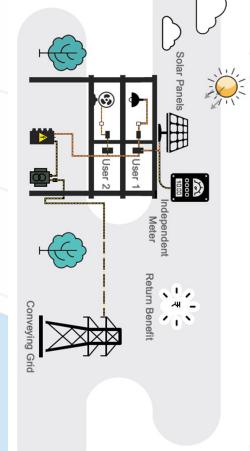
- ◆ Residential roof top Solar plant installation
- ◆ Commercial Solar plant installation
- ♦ Industrial Solar plant installation

Operation and Maintenance of Solar Plants

- ♦ Cleaning system for Solar Panels
- ♦ Thermography for Solar plants
- ♦ Repair service for Inverters
- ♦ Repair service for Transformers
- ◆ Repair service for HT/ LT Panels

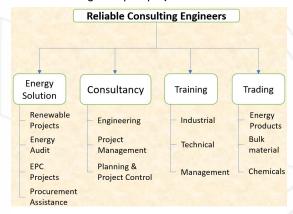
Reliable Consulting Engineers

Mob: +91 9327168907



Renewable Projects

We have in depth exposure into the field of Energy Solutions, Consultancy (Engineering & Project Management), Training (Industrial, Technical, Management) and Trading (Energy Products, Bulk materials, Agro-Chemicals). With expertise and technological capabilities, we have formed Reliable Consulting Engineers (RCE) which has a dedicated talent pool with core engineering skills, thus serving as an integrated service model to manage complex projects worldwide.



GST Registration Number: 24ABCFR2370PIZX

PAN Number: ABCFR2370P

MSME Udyam Registration Number: UDYAM-G|-24-

0020685

GEDA



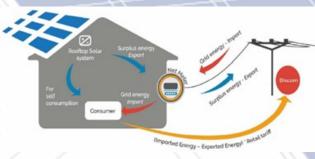
INCENTIVES TO GO SOLAR

Accelerated Depreciation



Section 32 of IT act provides Accelerated Depreciation of 40% p.a. of the invested capital to companies with tax liability. Solar Project Developers can set off their tax liability on the taxable income to the tune of 40% of Solar Project Value in the 1st year itself.

Net Metering



GUJARAT has come up with Net Metering policy under net which, the electricity generated by the rooftop solar system is consumed by the user and any excess electricity is injected into the grid. When demand exceeds the generation from the rooftop solar system the consumer can import electricity from the grid. At the end of the settlement period, the consumer is only charged for the 'net' electricity utilized – the difference between the electricity produced through the rooftop solar system and the electricity consumed over the billing period.

Easy Access to LOAN



RBI while it's circular No: RBI/2014-15/573 dated 23-04-2015 has declared the loan to solar projects under priority sector landing. Now, Client can avail loan up to 75 % of project cost easily for any Bank.

Residential roof top Solar Plants





Commercial/ Industrial roof top Solar Plants





Cleaning System-Solar Panels

Automatic & Manual Cleaning systems are available as per the consumer need



Our Associates

INSTALLATION AND COMMISSIONING

M/s Khodal Solar Enterprise

Do installation & commissioning solar rooftop Ground mounting, commercial, industry related job work having experience of more than 7 years in the Industrial field. Undertake all Type LT & HT Turnkey Project, Ground mounting, Tin shed, Transmission line work.

M/s Bapu Electricals

Executed more than 6.5 MW (4 nos projects) of Ground mounted Solar Projects in last three years.











OPERATION AND MAINTENANCE

Robotic Solar Panel Cleaning Service M/s Skilance Solar



Manufacturer of Solar Panel Cleaning Robots with product range of 2 m to 6 m depending upon the Solar panel arrangement in portrait or landscape configuration.

The robots are self sufficient with battery and solar panels installed on it with fast cleaning operation.

M/s KIAARA Robotics



Kiaara is one of the best evolution in robotic solar panel cleaning. It's a water-free, high-tech mechanism that makes your solar system perform better.

We provide cleaning system on CAPEX or OPEX model

CAPEX Model

Client shall purchase the cleaning robot and we ensure continuous operation of the robots with doing Annual Maintenance Contract (AMC) with the client.

OPEX Model

We shall put our cleaning robot to client's site with doing Annual Cleaning Contract (ACC) with the client. We ensure daily cleaning of the plant is done to maintain peek Solar plant performance.



INVERTER REPAIR SERVICE

M/s Vardhman Automation



With more than 20 year of repairing expertise of all make industrial electronics instruments like Grid Base Solar Inverters, AC -DC variable frequency drives, Servo drives, Servo Motors, Encoders etc.

TESTING SERVICE

M/s Syphon Energies



Syphon Energies was founded in 2018 and has evolved to provide solar panel cleaning devices capitalizing on the rapidly growing solar energy market. Solar Panel Aerial Thermography is non-destructive technique for testing all the appliances . The machine learning algorithm identifies the type of defect from the image of the solar Power Plant in no time and giving accurate results.

TRANSFORMER/ HT PANEL/ LT PANEL REPAIR SERVICES

M/s Dwarkesh Electrical

Dwarkesh Electrical has been established in the year 2017, with sharp experience team with the intension of providing reliable & quality services in the field of Electrical Power ,Distribution System & Electrical Protection, Testing, Maintenance and commissioning.

