



**AN  
ENERGY  
SOLUTION  
COMPANY**

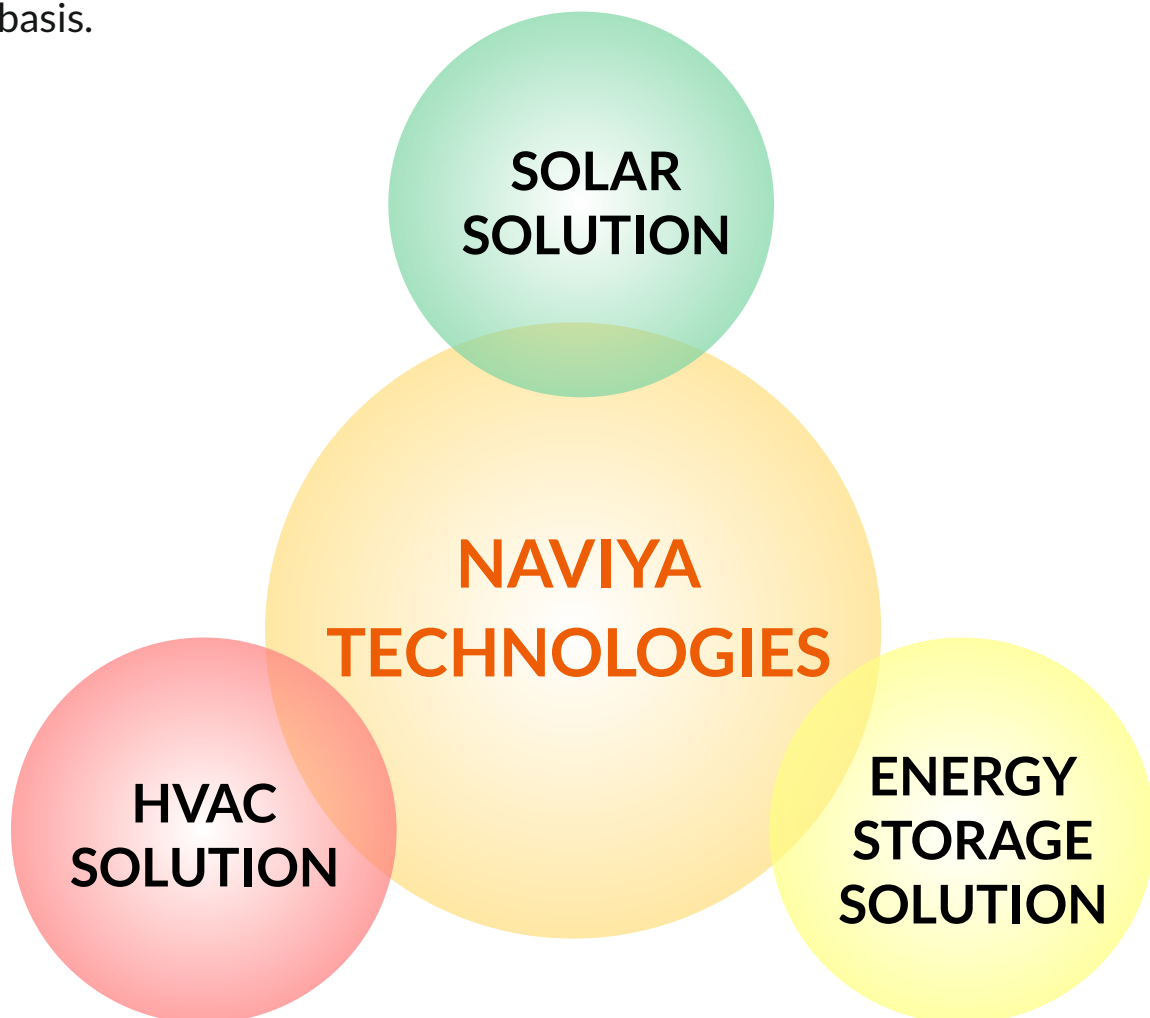
# COMPANY PROFILE

Naviya Technologies, incorporated in the year 2011 with an objective to create a market leading clean power solutions and subsequently contribute towards building a sustainable clean & green world.

We constantly endeavour to bridge the gap between Power Generation and its utilisation, specially in rural areas, through its deep market reach under the strong leadership of its founders.

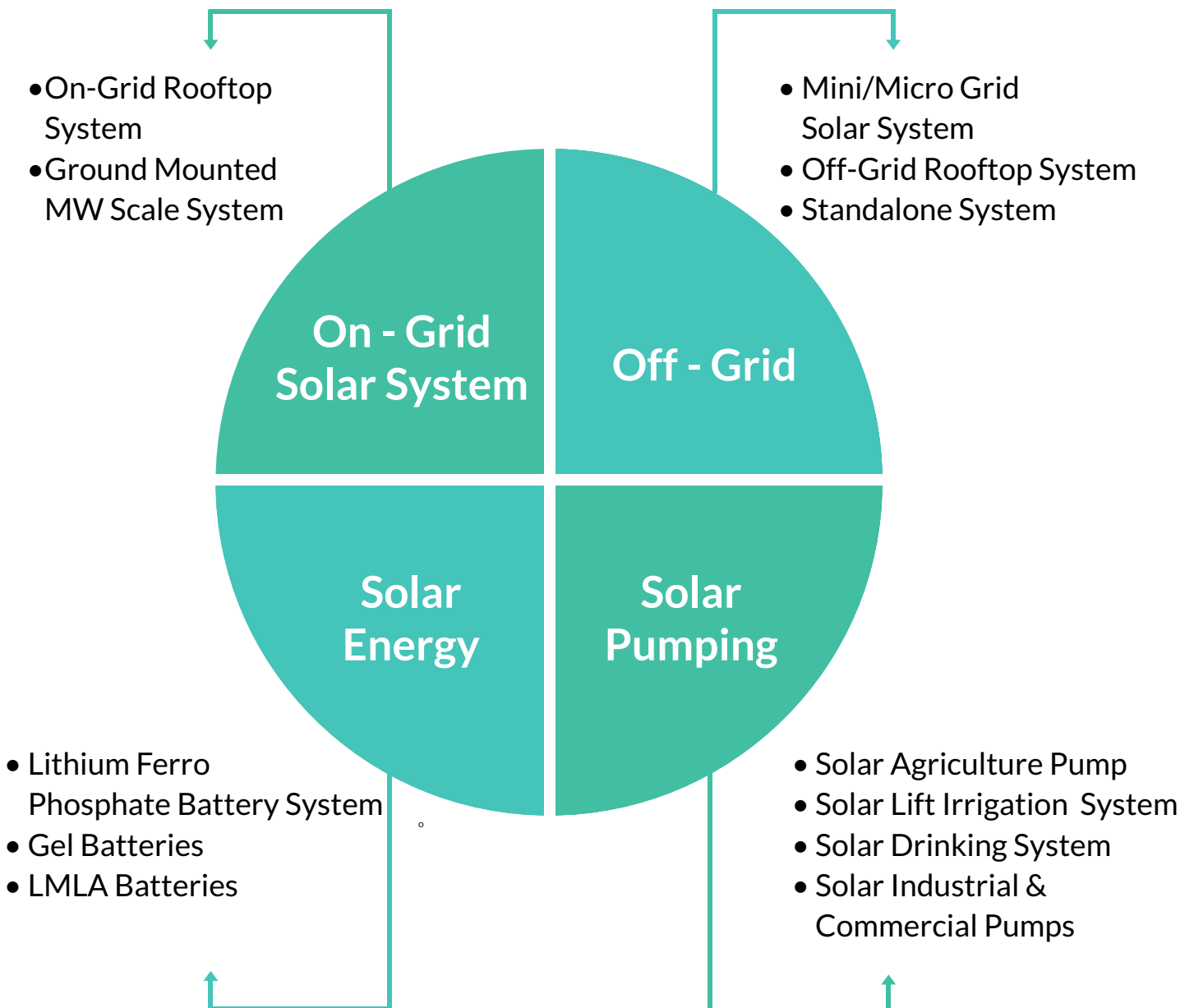
We are providing complete Solar, Energy Storage & HVAC solutions in various verticals through our two decades of Technical Expertise & Service to top brands and companies.

We design, supply, install and commission the system as one-point solution provider on turnkey basis.



# SOLAR SOLUTION

To cater to the growing requirements of Power in the market, we at “Naviya Technologies”, are committed to provide quality Solar PV Systems in the market. We are a Solar PV EPC Company. We have progressively acquired a reputation for Design, Supply, Installation & Commissioning of high quality and cost-Effective solutions to a wide spectrum of industries and areas. We operate in the below domain of Solar PV Systems.



# UTILITY SCALE (MW) SOLAR PV SYSTEM

Naviya Technologies is an EPC player in the Indian PV solar industry. With our in-house engineering and construction teams, we strive to leverage our technical experience and industry know-how to develop the most cost-effective and energy efficient PV solar plants in the industry. We provide complete end-to-end solutions including complete Engineering, Procurement and Construction (EPC) services for our customers seeking to build Utility Scale (MW) Solar PV Power Plant in India and beyond. Our project management teams ensure we complete the project in the fastest possible time-period without compromising on quality. We assist customers seeking to use solar power right from the planning stage through the entire operational life of the project. This includes providing our customers with a complete financial return and cash flow analysis of the solar power project including providing of advisory services that help customers navigate all government policy issues, land procurement issues, tax benefits, subsidies and regulatory approvals to successfully install Solar photovoltaic plants.

## TURNKEY EPC SERVICES

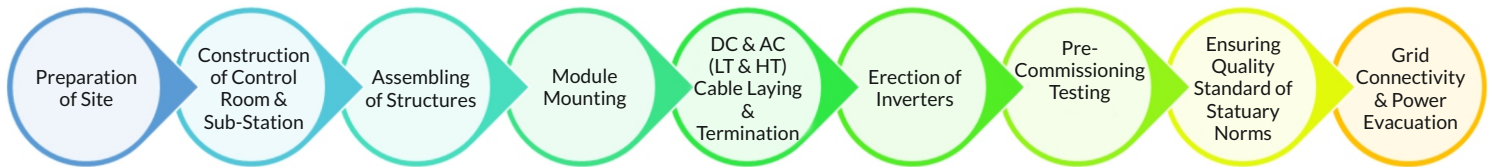
### I. Engineering & Conceptualisation



## II. Procurement



## III Constructions



# ON—GRID SOLAR ROOFTOP

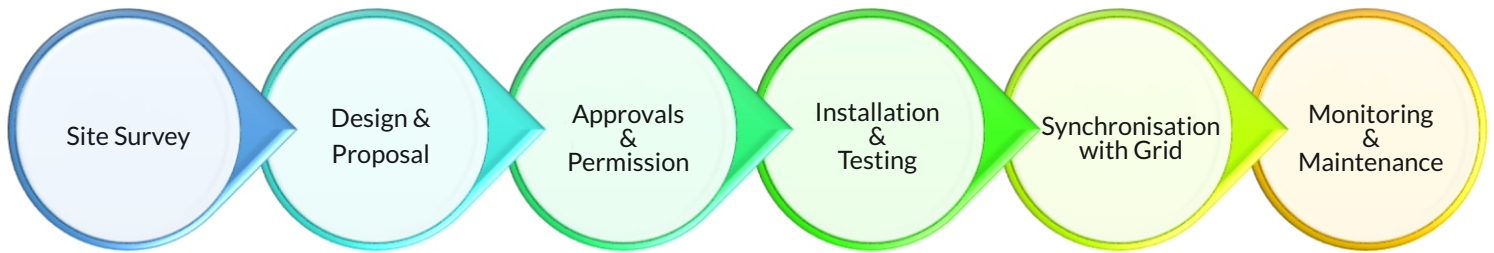


India's chronic energy shortage not only leads to frustrating power cuts throughout the country but also translates into individuals and companies having to spend excessive amounts on diesel generators to ensure backup power. Solar power comes across as an option to bridge the ever increasing gap between the demand and supply of energy, since the dependency on finite fossil fuel needs to be brought down. The Indian subcontinent has immense solar energy potential, with most parts of it receiving as much as 4-7 kWh per sq. meter per day (4–7 kWh/m<sup>2</sup>/Day).

To address the issue, The Government of India (GoI), had set targeted of 40,000 MW of Solar Rooftop by 2022 under the prestigious Jawaharlal Nehru National Solar Mission (JNNSM).

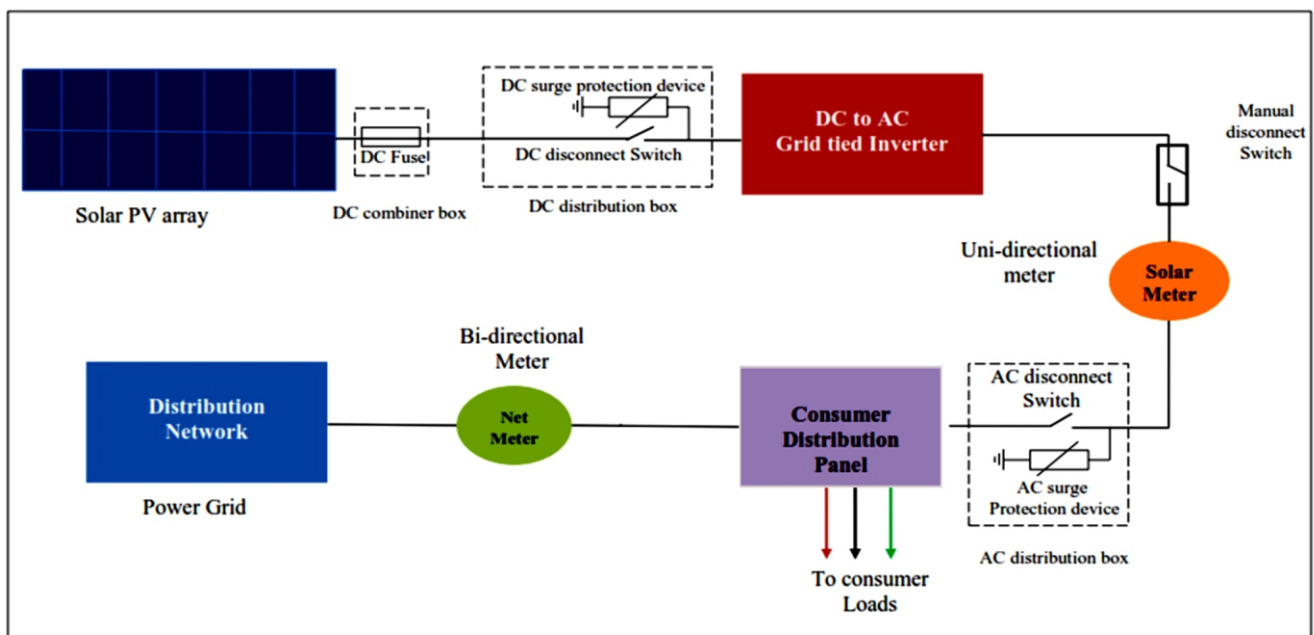
Naviya Technologies strongly believes in the Solar Energy and it's potential to significantly address the power problems in our country. It is with this passion that We aim to work and provide solar solutions to our customers. Quality & Reliability has always been of utmost priority for Naviya Technologies, and with this drive we push ourselves to provide an optimised solution.

Naviya Technologies is an EPC players in the Indian PV solar industry. We provide complete end-to-end solutions including complete Engineering, Procurement and Construction (EPC) services for our customers seeking to build solar Rooftops in India and beyond. Our project management teams ensure we complete the project in the fastest possible time-period without compromising on quality. We assist customers seeking to use solar power right from the planning stage through the entire operational life of the project.

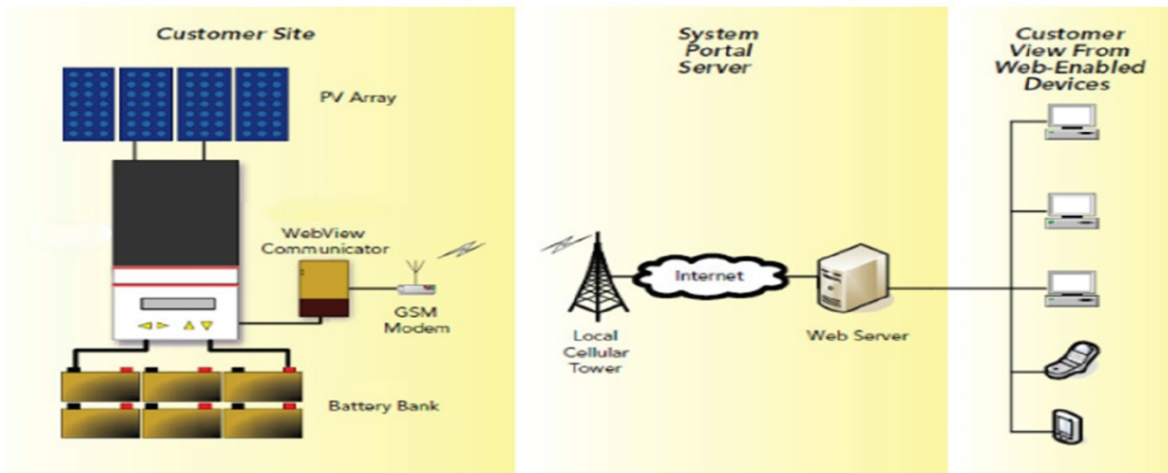


Solar Rooftop system comprises of

- Solar Photovoltaic Panels
- module mounting structures,
- Solar ON-Grid / String Inverters
- DC & AC Cables.
- Net Energy Meters
- AC Distribution Box (ACDB)



With the present day available state of art technology, one can remotely monitor the daily energy generation by the plant by sitting across any corner of the world. Remote Monitoring and Data Logging are some features that Naviya Technologies plants come with. In addition to this, our team monitors your plant at regular interval to see that the plant is functioning optimally.



- EPC Experience of more than 5MW
  - Expertise in building Solar plants in Difficult Terrain, Remote Areas, Deep Forest, High Altitudes & Coastal Area
- Range: 1kW–1MW



1 MW Rooftop Installation at **Government General Hospital, Kurnool**





**Cumulative 1.85MW Rooftop Installation on  
580 Government Installation of Capacity  
1kW, 3kW, 5kW & 10kW**

# OFF-GRID SOLAR PV SYSTEM

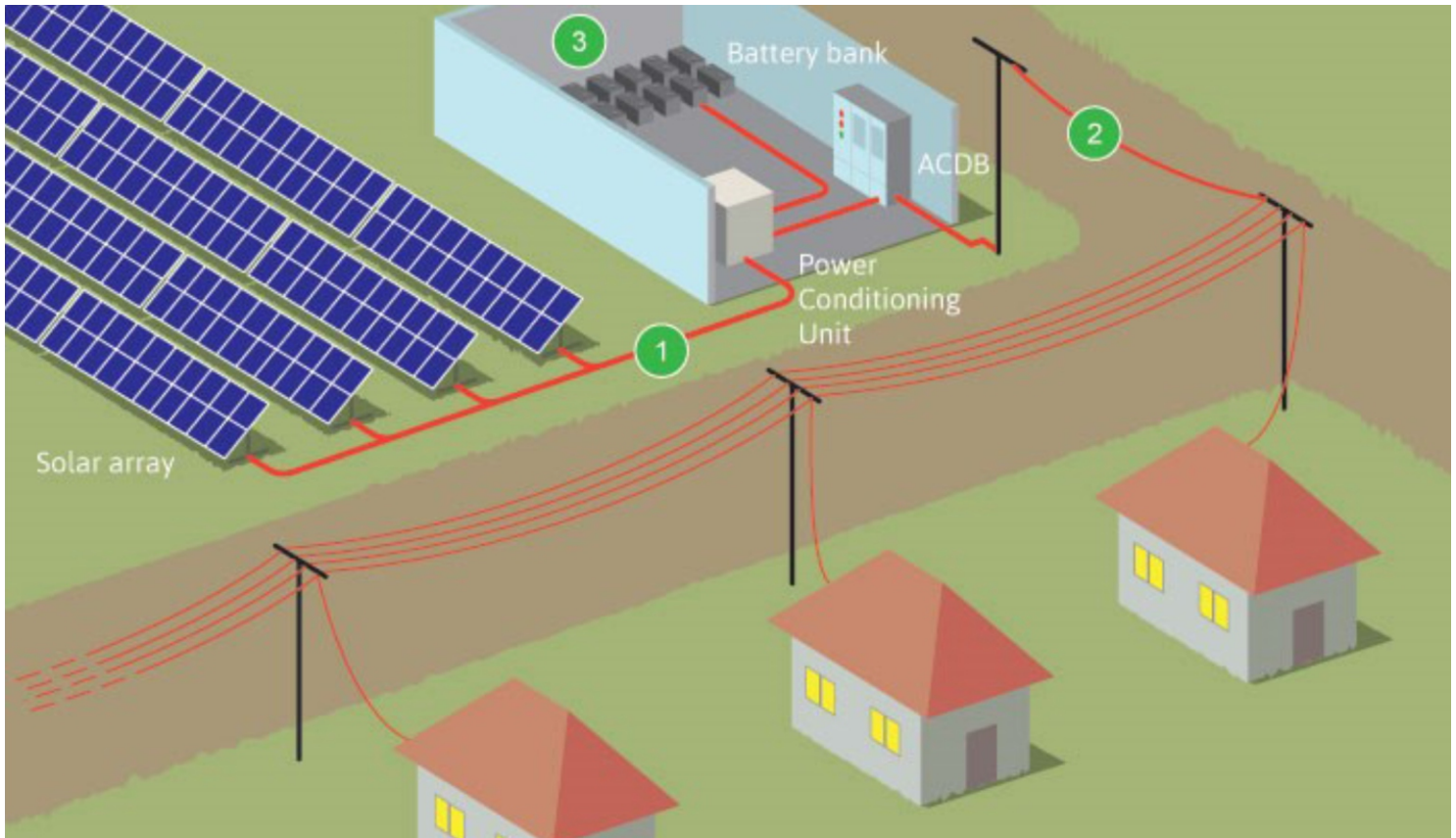


**Naviya Technologies** is an EPC player in the Indian PV solar industry. We provide complete end-to-end solutions including complete Engineering, Procurement and Construction (EPC) services for our customers seeking to build Off-Grid Solar PV Systems in India and beyond. Our project management teams ensure we complete the project in the fastest possible time-period without compromising on quality.

Our Off-Grid Offerings are:

- Off-Grid Solar Rooftop System
- Hybrid Solar Rooftop System
- Mini/Micro Grid System—Rural Electrification

# MINI/MICRO GRID SOLAR PV SYSTEM



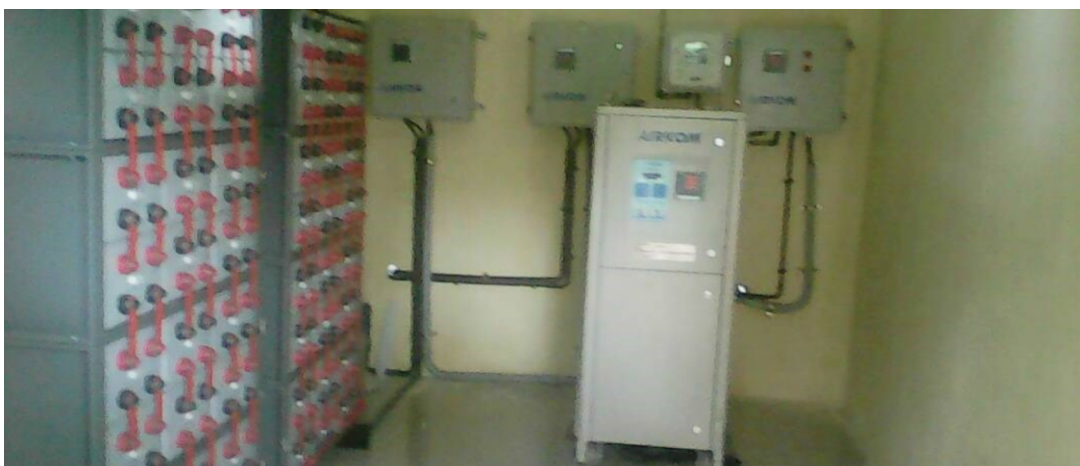
Naviya Technologies is an EPC players in the Indian PV solar industry. We specialise in integrating and providing turnkey solutions for a Rural Mini & Micro Grid Solar PV Systems. Rural electrification is the process of bringing electrical power to rural and remote areas for lighting & household purposes and also for agriculture purpose. Rural areas in India are electrified non-uniformly, with richer states being able to provide a majority of the villages with power while poorer states still struggling to do so. The central government has launched the Prestigious “Decentralised Distribution & Generation” (DDG) Scheme of “Deen Dayal Upadhyaya Grameen Jyoti Yojana” (DDUGJY) Project under the Rural Electrification Corporation. We proud to announce that we are a part of this prestigious project bringing the joy of lights in the remote part of the country.

The Mini & Micro Grid Solar System comprise of:

- Solar PV Power Plant
- Control Room to house the Power Conditioning Unit (PCU), Battery Bank (BB) and Controls
- Solar Fencing
- Distribution Network & Street Lights
- Metering & House Wiring
- Monitoring & Maintenance

# MINI & MICRO GRID SOLAR ROOFTOP

- 14 VILLAGES have been electrified using Solar Energy
  - More than 500 KW of SOLAR POWER PLANT INSTALLED
  - More than 1500 BPL Houses will be LIGHTUP.
  - More than 300 STREETLIGHTS Installed
  - More than 30 KM of UNDERGROUND CABLING.
  - More than 20 KM of OVERHEAD CABLING
  - Expertise in building Solar plants in Difficult Terrain, Remote Areas, Deep Forest, High Altitudes & Coastal Area
- Range: 1kW– 100kW

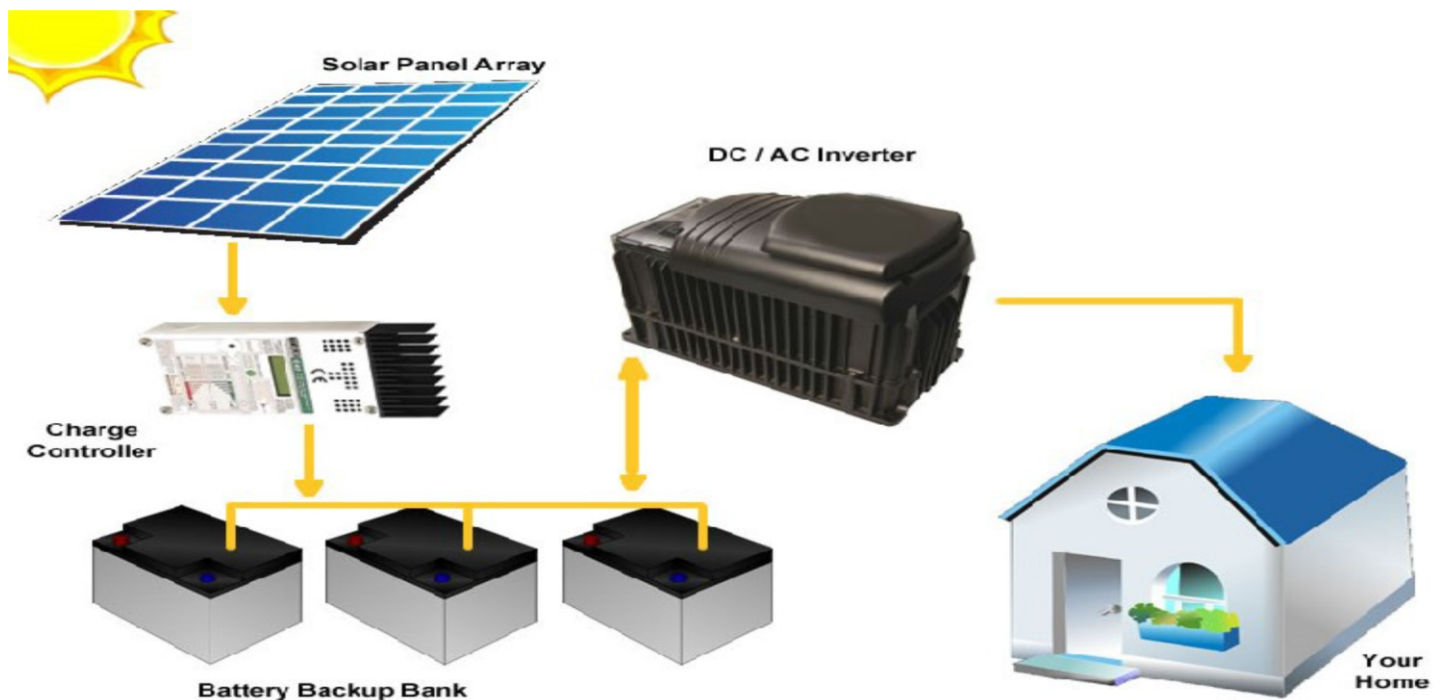


# OFF-GRID SOLAR PV SYSTEM

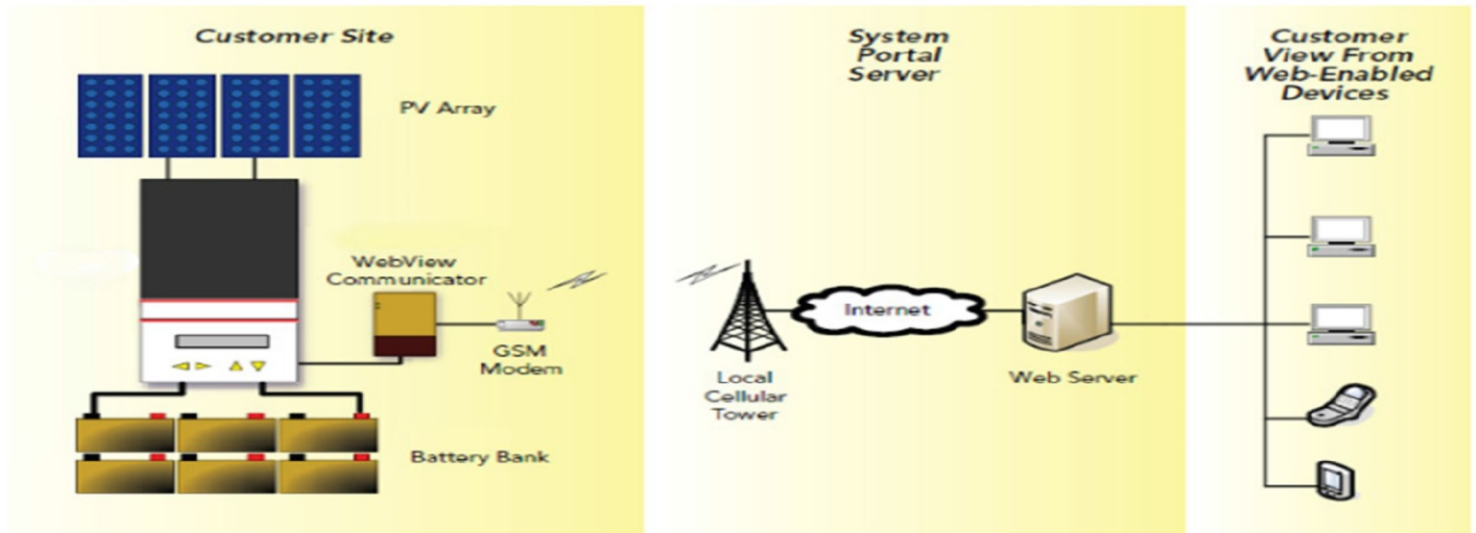
Off-Grid Solar Roof-Top systems are designed and installed to cater to the electricity requirements of an institution, community or residence where the Grid Power is not available or the outage is more frequent

Off-Grid Solar Rooftop system comprises of

- Solar Photovoltaic Panels
- Module Mounting Structures,
- Power Conditioning Unit (PCU)
- Battery Bank
- DC & AC Cables.
- DC Distribution Box (DCDB), AC Distribution Box (ACDB) & Battery Protection Panel (BPP)



With the present day available state of art technology, one can remotely monitor the daily energy generation by the plant by sitting across any corner of the world. Remote Monitoring and Data Logging are some features that Naviya Technologies plants come with. In addition to this, our team monitors your plant at regular interval to see that the plant is functioning optimally.



# ON-GRID SOLAR ROOFTOP

- EPC Experience of more than 500 kW
  - Expertise in building Solar plants in Difficult Terrain, Remote Areas, Deep Forest, High Altitudes & Coastal Area
- Range: 100W—50kW





# SOLAR PV PUMPING SYSTEM

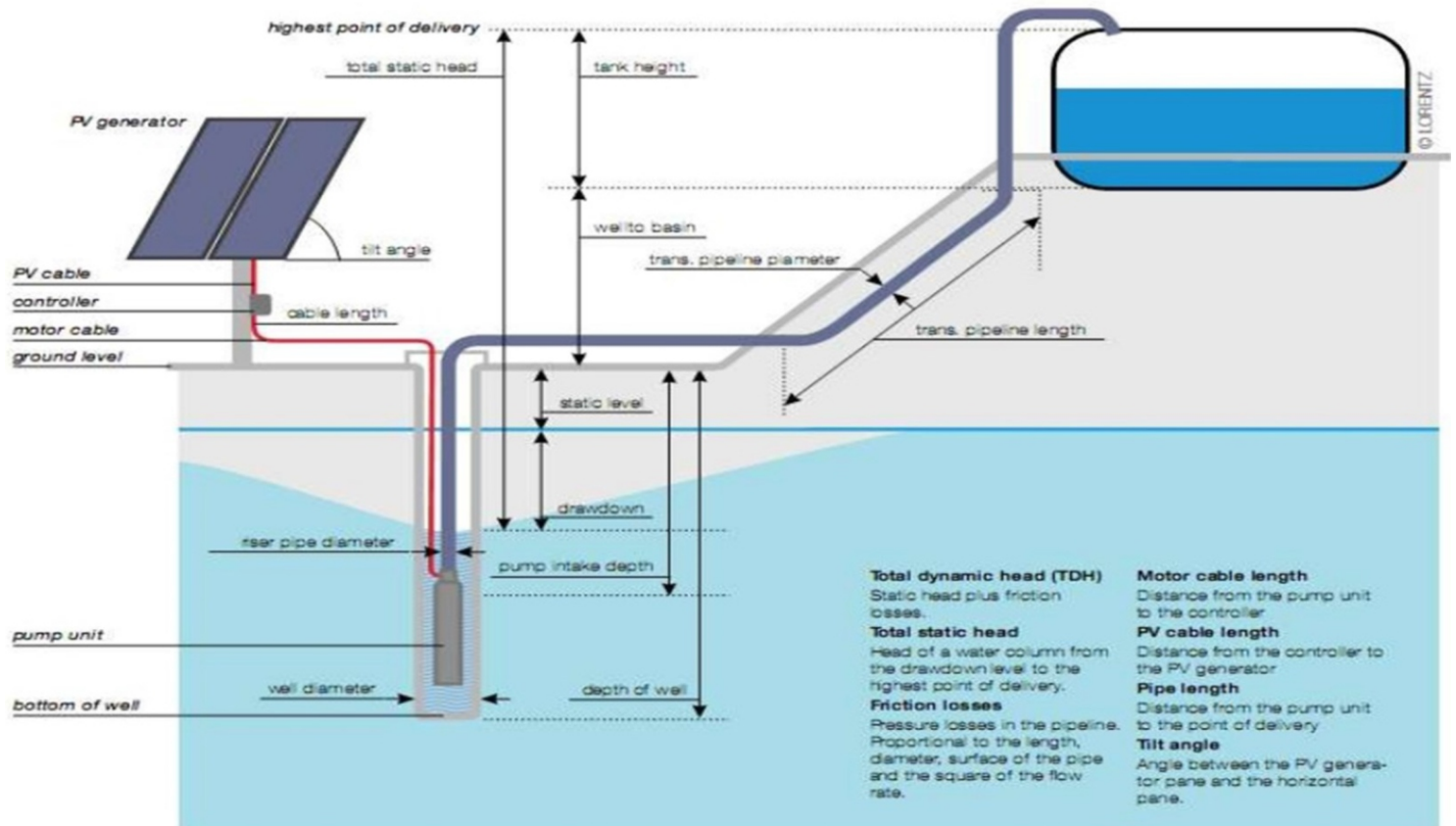


Naviya Technologies is an EPC players in the Indian PV solar industry. We provide complete end-to-end solutions including complete Engineering, Procurement and Construction (EPC) services for our customers seeking to installed Solar PV Pumping Systems in India and beyond. Our project management teams ensure we complete the project in the fastest possible time-period without compromising on quality.

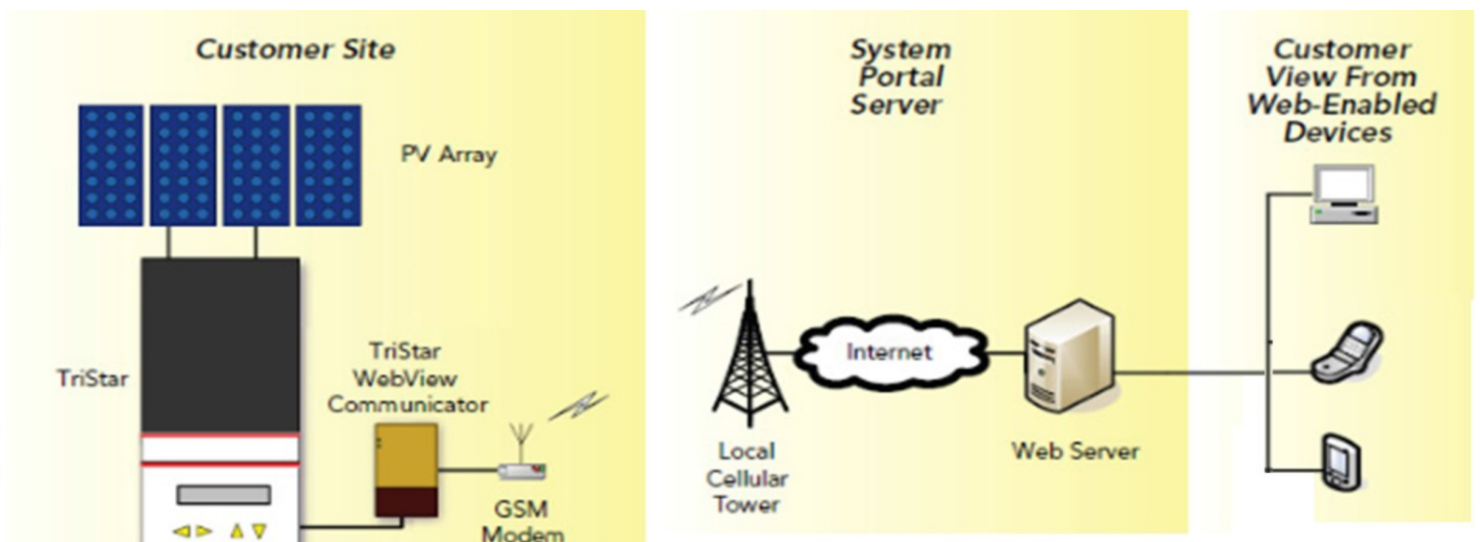
Our Solar PV Pumping Offerings are:

- Solar Pump for Agriculture
- Lift Irrigation System
- Drinking Water Supply System
- Industrial Water Pumping Application
- Residential & Commercial facility Water Pumping System

# SOLAR PV PUMPING SYSTEM



With the present day available state of art technology, one can remotely monitor the daily energy generation by the plant by sitting across any corner of the world. Remote Monitoring and Data Logging are some features that Naviya Technologies plants come with. In addition to this, our team monitors your plant at regular interval to see that the plant is functioning optimally.



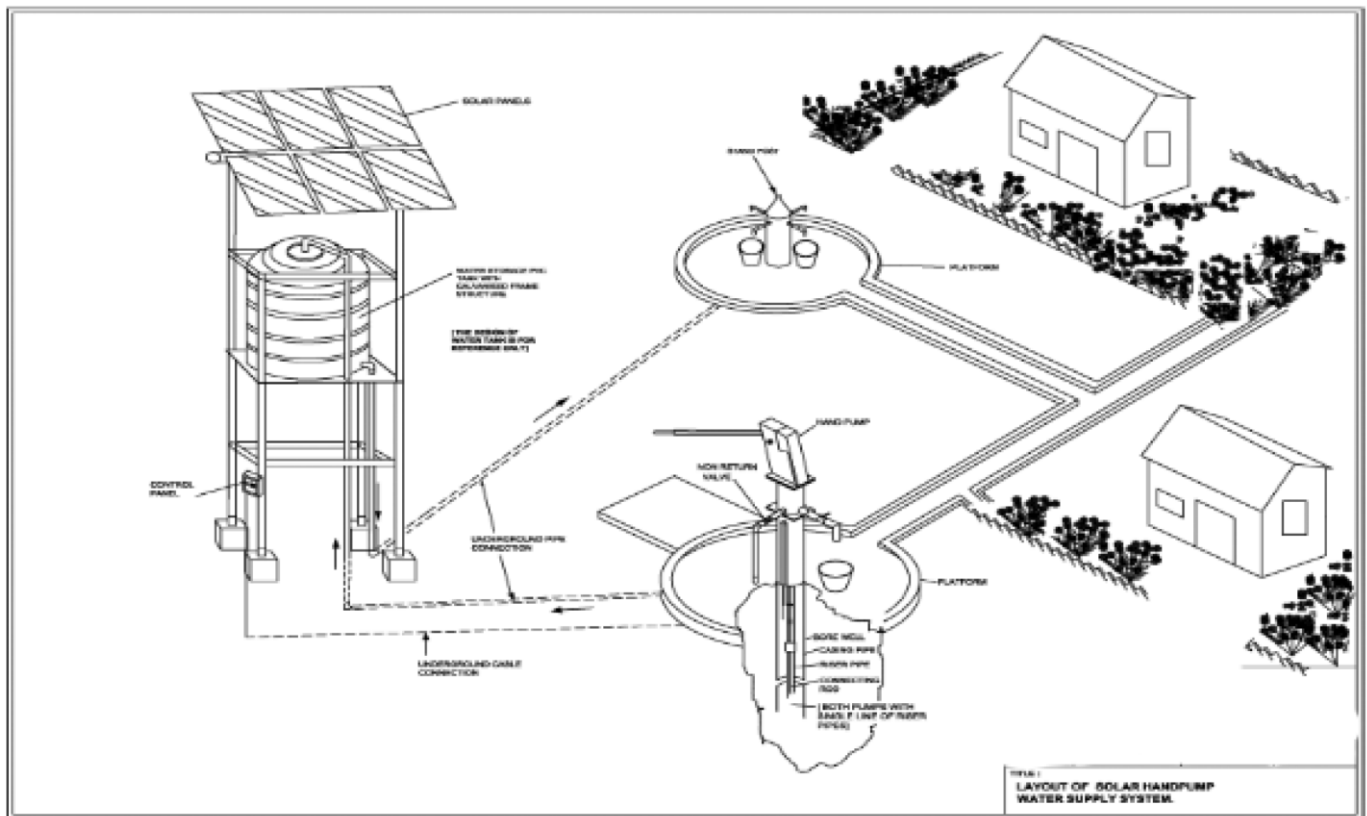
# SOLAR PV PUMPING SYSTEM

- EPC Experience of more than 300 Solar Pumps
- Installed Remote Areas, Deep Forest, High Altitudes
- Range: 0.5Hp—50Hp



Snapshot of  
our Solar PV  
Pumping  
System at  
Chhattisgarh

# SOLAR PV PUMPING SYSTEM



## SOLAR PV DRINKING WATER PUMPING SYSTEMS

Integrated Action Plan (IAP) districts are characterized by small remote habitation with no power supply or irregular supply. In these habitations bore well / tube wells are the life line for supply of drinking water. This basic need becomes a difficulty when water level depletes in bore wells/ tube wells. Solar PV water pump is viable option with deep well and submersible pump. Water supply remains uninterrupted so long there is sun or even during cloudy day when diffused sun rays are available.

To address the issue, The Government of India (GoI), had introduce National Rural Drinking Water Programme (NRDWP)

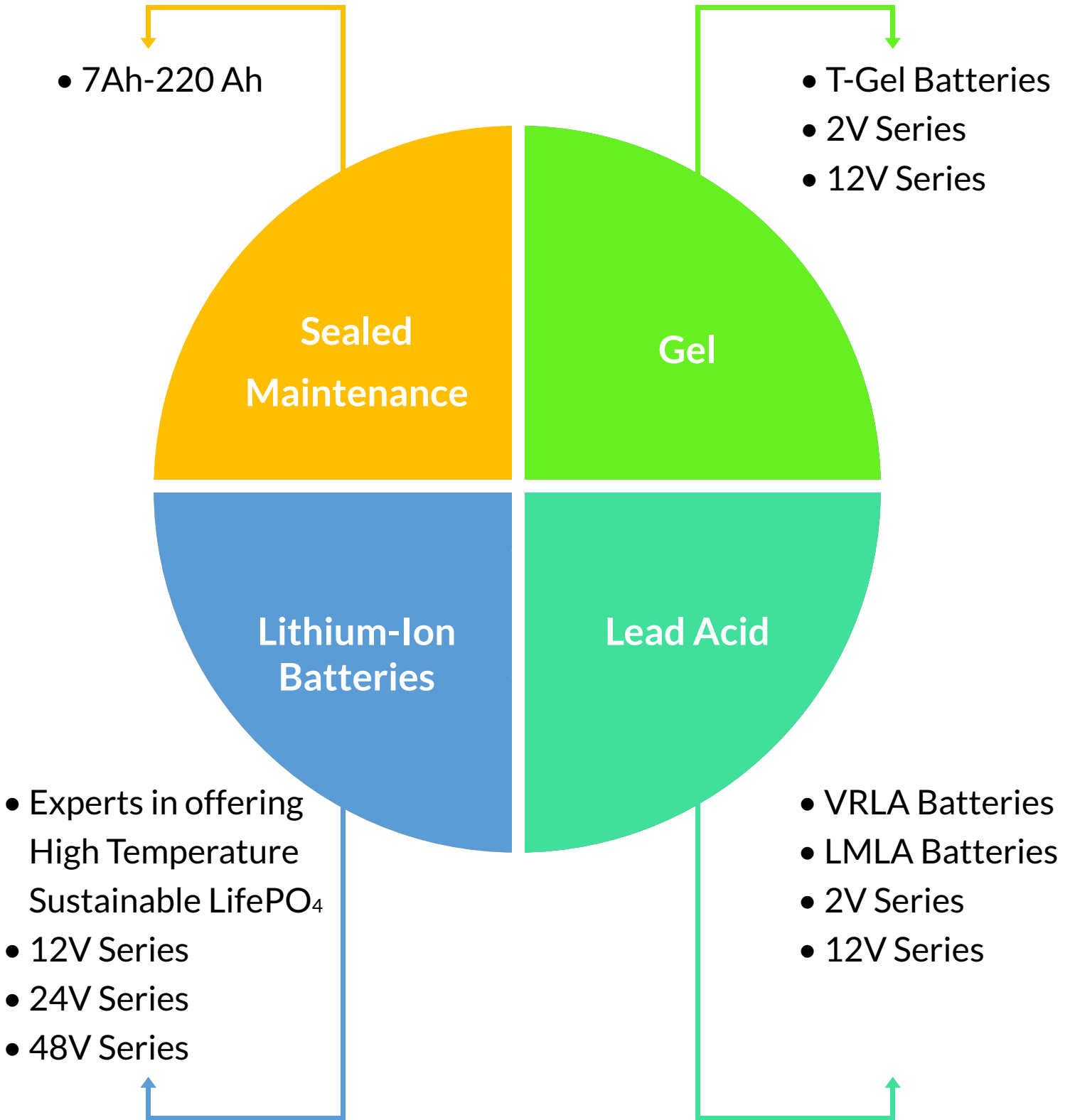
Naviya Technologies provide complete solution including Detailed investigation, Surveying, Planning, Designs, Drawings including yield test, supply and installation of Manual tracker gate, Solar base pump and its accessories, Rising main, Distribution, HDPE tank, Steel staging, Rain water harvesting structure/arrangement, Name & IEC board (on turnkey basis)

# SOLAR PV PUMPING SYSTEM

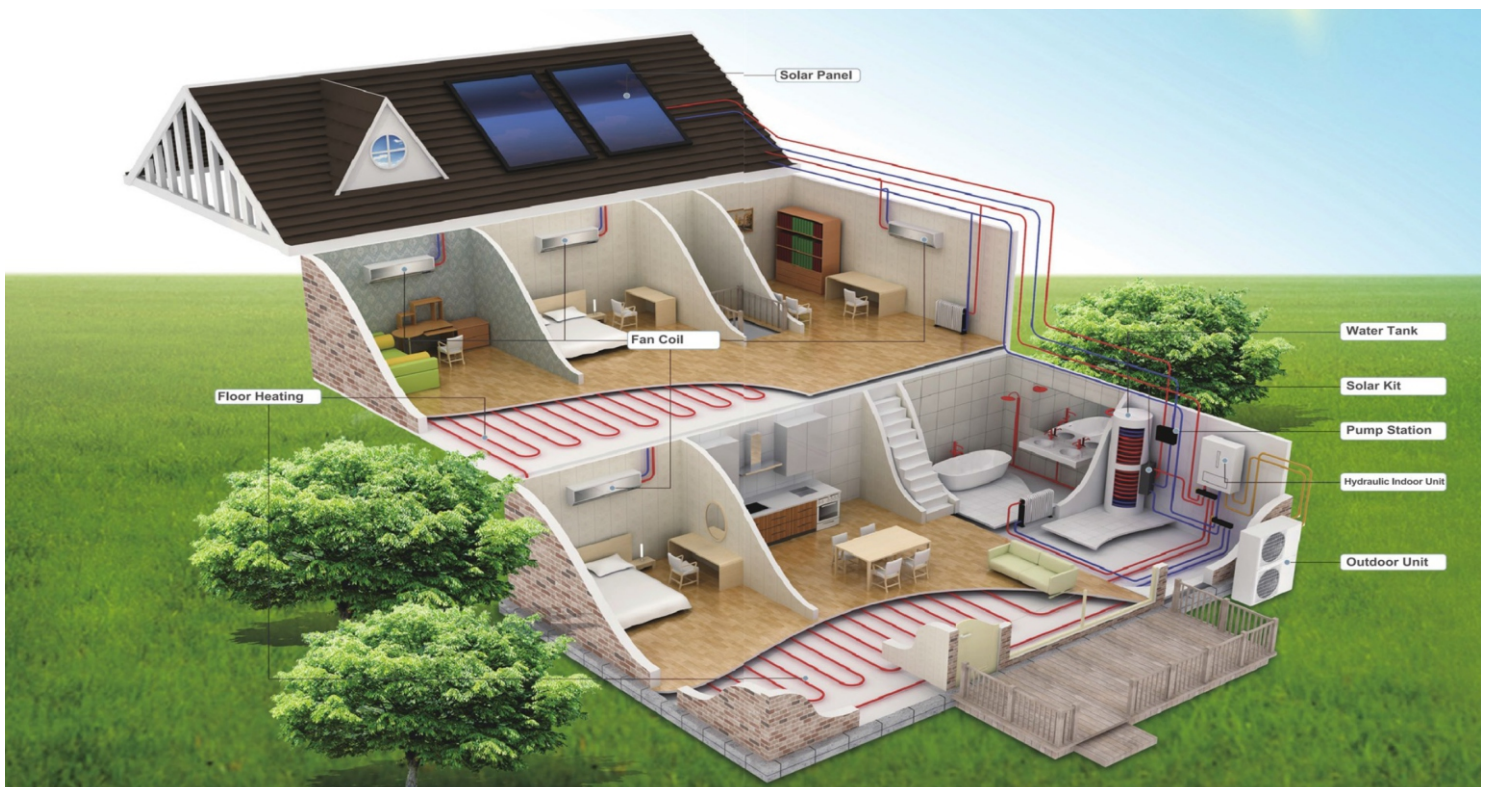
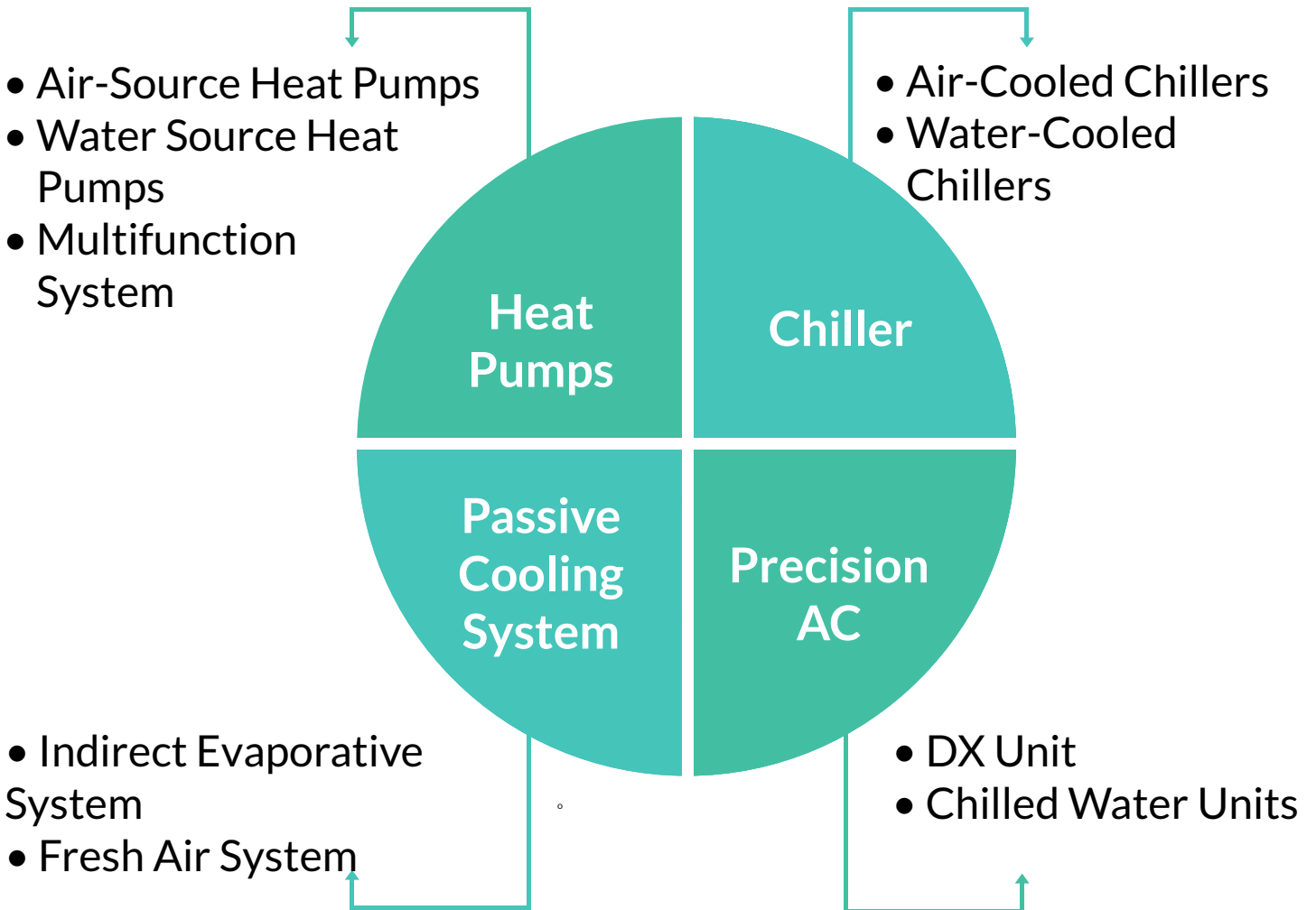
- EPC Experience of more than 100 Solar Drinking Water System Pumps
- Installed in Remote Areas, Deep Forest & High Altitudes
- Range: 0.5Hp—3Hp



# ENERGY STORAGE SOLUTION



# HVAC SOLUTION



# CREDENTIAL

We Are Empaneled With...



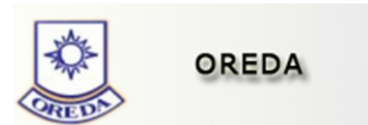
**Chhattisgarh State Renewable Energy Development Agency**  
(Department of Energy, Govt. of Chhattisgarh)



GOVERNMENT OF INDIA  
**MINISTRY OF NEW  
AND RENEWABLE ENERGY**



**CRISIL**  
An S&P Global Company







# CREDENTIAL

Website: tnredcl.telangana.gov.in  
Email: tnredcl@tnredcl.telangana.gov.in

**తెలంగాణ నూతన మరియు పునరుద్ధరణ శక్తి వనరుల అభివృద్ధి సంస్థ లిమిటెడ్**  
**Telangana New & Renewable Energy Development Corporation Ltd.**  
**(A State Govt. Company)**  
5-8-207/2, Pragah Complex, Nampally, Hyderabad - 500 001, India.  
Tel. Off: 040-23201502, 23201503 Fax: 040-23201504  
E-mail: tnredcl@tnredcl.gov.in, Website: www.tnredcl.gov.in

Ref. No. T/SPV Regn. 2016-17/TS SPV 159 **11519** Dt. 26.04.2016.

To  
✓ The Managing Partner,  
**M/s. Naviva Technologies,**  
117 Gundecha Industrial Complex,  
Akuri Road Kandivalli (East),  
Mumbai - 400 101, Tel. No. 0224264412,  
Cont. Per.: No. Saha Kishore B,  
Mob. No. 9819077482,  
Email: kishore@navivatech.co.in

**// By Courier //**

Dear Sir,  
Subj: Registration as One of the **TNREDCIL Registered SPV Systems Suppliers for 2016-2017** -  
Accorded in Principle Approval to enroll in the category of "System Integrators" - Intimation  
- Reg.

Ref:- 01. Your Request Letter & Application & submitted documents on 18.04.2016 received on 20.04.2016.  
02. Approval of VC&MD in the connected NF Page No.05 at NF Para No. 20 vide NF para No. 17818, dt. 22.04.2016.

:-  
With reference to your cited letter & application with relevant enclosures and on examination of the submitted relevant documents, it is hereby accorded in principle approval to register your firm as one of the **"TNREDCIL Registered SPV Systems Suppliers for 2016-2017 in the category of System Integrators"** for the products of Solar Water Pumping Systems & PV Modules with effect from **01.05.2016 to June, 2017**.  
The terms & conditions are herewith enclosed for reference and holds good till further communication and one of the copies of terms & conditions duly signed by affixing seal with covering letter is to be returned to TNREDCIL as token of acceptance for record on or before **15.05.2016**.  
And also it is to inform that this office received an amount of **Rs.28,625/-** towards non-refundable Registration Charges. The connected Tax Invoice with be sent to you at a later date for your record.

Thanking you,

Yours faithfully,  
PROJECT DIRECTOR

Encl. 01. Terms & Conditions .  
02. Your Firm Regn. Details with TNREDCIL.

Test Report No. 19631134 001

**TÜVRheinland®**  
TÜV Rheinland (India) Pvt. Ltd.

Plot No.17B, Electronic City Phase II Industrial Area, Hosur Road,  
Bangalore - 560 100, Karnataka, India.

2016-2017

**TEST REPORT**  
ON  
**PV WATER PUMPING SYSTEM**

Sample Number: **1803166006-21-22-23**

Manufactured by  
Submitted by: **M/s Naviva Technologies**  
PV Array : **M/s PV Power Technologies Pvt. Ltd.**  
Pump System: **M/s Shakti Pumps (India) Ltd.**

**NOTE**  
This is a report on measurements carried out on SPV WATER PUMPING SYSTEM (sample number 1803166006-21-22-23 ) submitted at TÜV Rheinland (India) Pvt. Ltd. as per specifications stipulated by the JNNM, MNRE 2015-16. The data reported in this TEST REPORT are valid at the time of and under the stipulated conditions of measurement and the test results are applicable to those items of product which have been tested and do not apply to other products even though declared to be identical. The data contents in this report do not constitute a qualification certificate under any set of specifications. TÜV Rheinland does not accept any liability for any consequences including commercial or otherwise arising out of the utilization of the information contained in this report.

The Test Report, if reproduced for any purpose, commercial or otherwise, should be reproduced in full. The contents of the report can be published only after a written approval from the Test Laboratory. This report consists of 13 pages.

Tested & Prepared by: **Amruth Meharwade / Sr. Engineer**  
Approved by: **Kamalaksha CS / AGM**

Test Report No.	Date of Issue	Total No. of pages	Page No.
19631134 001	16-12-2016	13	1

**Ratings**

**CRISIL**  
An S&P Global Company

**NSIC-CRISIL Performance and Credit Rating**  
**Naviva Technologies, Maharashtra**  
has been awarded an NSIC-CRISIL Rating of

**CRISIL MSE \* 3**  
Good  
High

On August 16, 2016 and valid till August 15, 2017  
The rating MSE 3 indicates 'Good credit worthiness in relation to other MSE's'.

Manish Jarwal  
Business Head  
CRISIL, S&P Ratings

File: 011-0430208  
Subject: RENOVABLE

Ministry of New and Renewable Energy  
117, Gundecha Industrial Complex,  
Akuri Road, Kandivalli (E), Mumbai-400101

32652015-SPVSE  
18/04/2015

Subj: Channel partner for OR-Grid and Decentralized Solar Applications Programme of Ministry of New and Renewable Energy.

Sr  
With reference to your letter with rating report by CARE for your company it is to inform that Ministry has accepted the Rating Report and empanelled your Company as Channel Partner for OR-Grid and Decentralized Solar Applications Programme.

- The validity period of empanelment of your company as channel partner is up to 31.03.2017.
- Channel partner code of your company is **MS-32652015**.
- Bring a channel partner you have to install systems with standards specified for the eligible programme with or without subsidy. In case any sub-standard components are installed and systems are not functioning as per the requirement of the programme, the Ministry will withdraw empanelment with immediate effect by giving advance notice to the Company.
- As channel partner, your company is entitled to work in any state(s) of your choice. However, your company should have an office in the part of that state(s) where you work with all registrations according to that State Government and billing must be from the office of the concerned state.
- All the systems to be installed as channel partner must be with 2 years' warranty (subject to 3 years' comprehensive maintenance contract which is mandatory for channel partner to offer any solution to customer with or without subsidy).
- Ministry also anticipates as channel partner, your company will create awareness and educate users/beneficiaries about the programme.

12

8. Government of India's logo is not allowed to be used in any of your company's letter heads or other communications.

9. This empanelment is purely on temporary basis only to participate in promoting the OR-Grid and Decentralized Solar Application programme.

10. Renewal of channel partnership for another 2 years is based on the activity progress reports that have to be submitted to the Ministry on quarterly basis.

11. Ministry has no role in the agreement between user and company, any legal matter raised will be responsibility of channel partner only.

12. Any complaint received from the beneficiary against the company regarding non-functioning of system (with or without subsidy) will be passed on Ministry's website at the time the problem got resolved.

Yours faithfully  
G. S. Prasad  
Secretary  
Top No: 011-24021151

Copy to:  
1. CEO  
2. PSD to Secretary, MNRE  
3. Connected File

22

# CLIENTELE GOVERNMENT SECTOR



**Chhattisgarh State Renewable Energy Development Agency**

(Department of Energy, Govt. of Chhattisgarh)



**JHARKHAND RENEWABLE ENERGY  
DEVELOPMENT AGENCY  
RANCHI**



**Bihar Renewable Energy Development Agency**

*Empowering Bihar, Enriching People*



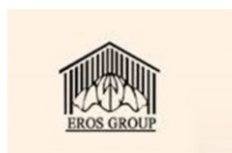
**ARDE Pune**



# CLIENTELE BANKING SECTOR



# CLIENTELE PRIVATE SECTOR





# Naviya Technologies

Add. - # 117, Gundecha Industrial Complex,  
Akurli Road, Kandivali (East),  
Mumbai-400 101, Maharashtra.

Tele - 022-42644112

Email - [bkishore@naviyatech.co.in](mailto:bkishore@naviyatech.co.in)

Website - [www.naviyatech.com](http://www.naviyatech.com)