



















TECHNOTIUMTECH

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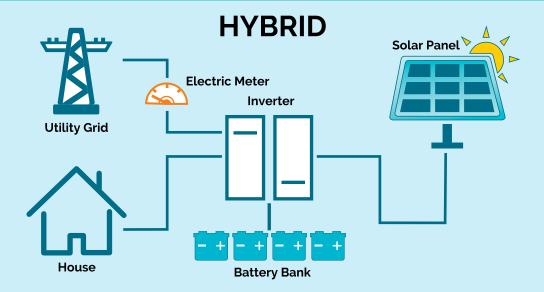


On-Grid or grid-tie solar systems are by far the most common and widely used by homes and businesses. These systems are connected to the public electricity grid and do not require battery storage and hence no maintenance. Any solar power that you generate from an on-grid system (which is not used directly at your site) is exported onto the electricity grid and is made available after when you need it.

Grid-tie solar systems are not able to function or generate electricity during a blackout or power outage due to safety reasons; since blackouts usually occur when the electricity grid is damaged. If the solar inverter was still feeding electricity into a damaged grid it would risk the safety of the people repairing the fault/s in the network.







Modern HYBRID SYSTEMS combine solar and battery storage in one and are now available in many different forms and configurations. This means being able to store solar energy that is generated during the day and using it at night. When the stored energy is depleted, the grid is there as a backup, allowing consumers to have the best of both worlds. Hybrid systems are also able to charge the batteries using cheap off-peak electricity (usually after midnight to 6am)

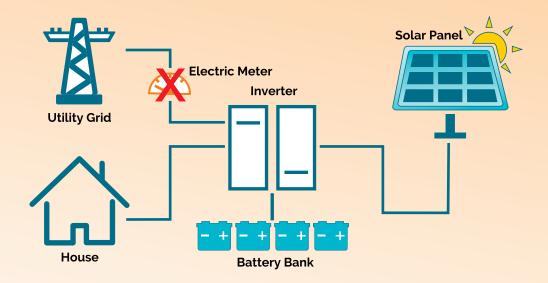
There are also different ways to design hybrid systems.

The battery bank. In hybrid system once solar power is used by the appliances in your property, any excess power will be sent to your battery bank. Once the battery bank is full, it will stop receiving power from the solar system.

The meter and electricity grid. Depending on how your hybrid system is set up and whether your utility allows it, once your batteries are fully charged excess solar power not required by your appliances can be exported to the grid via your meter. When your solar system is not in use, and if you have drained the usable power in your batteries your appliances will then start drawing power from the grid.







Off-Grid system is not connected to the electricity grid and therefore requires battery storage. The high cost of batteries and inverters means off-grid systems are much more expensive than on-grid systems and so are usually only needed in more remote areas that are far from any electricity grid. However battery costs are reducing rapidly.

The battery bank. In an off-grid system there is no public electricity grid. Once solar power is used by the appliances in your property, any excess power will be sent to your battery bank. Once the battery bank is full it will stop receiving power from the solar system. When your solar system is not working (night time or cloudy days), your appliances will draw power from the batteries.







Solar Water Heater



Solar Air Cooler

As a joint venture with Tiara Technologies we have bring a advance air cooler.

This new generation air cooler system is very different from traditional air cooler.

Features:

- Humidity controlling up to 5 levels.
- · Sleep mode 1 hours to 9 hours.
- Remote as well base unit operation with feather touch switches.
- · Water Empty Alarm and many more..





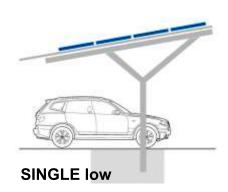


STRUCTURE

We use only high grade raw materials in the fabrication of these products, procured from very reliable vendors. Due to that our products are very durable, perfectly finished, light weight, fire, moisture and damp resistant.

Types of Structures:

- Ground Mounted
- Roof mounted (Roof Top)
- Elevated (Heighted)
- Platform Type
- Customized

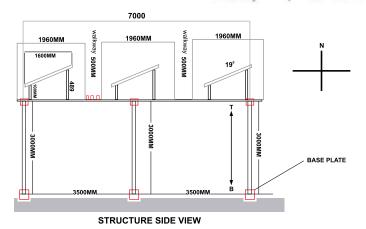


Types of Material:

- Hot Dip
- GI
- GP
- · MS





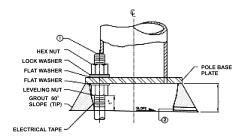


Grouting Details:



Wedge Anchor bolt Details:





Few more part of the structure are

- Spring Washer
- Self Nut
- Base Plate Details

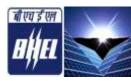


ELECTRICAL

Waaree, Vikram, Austrilian Premium Solar, Trina, Panasonic, Icon, TATA, Adani, BHEL, Canadian, Jinko.











SPD's:





Fuse:



Cables:

Polycab, KEI, Anchor, AC and DC Cable:



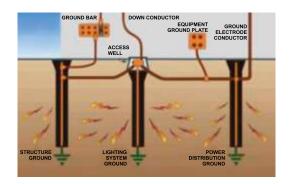




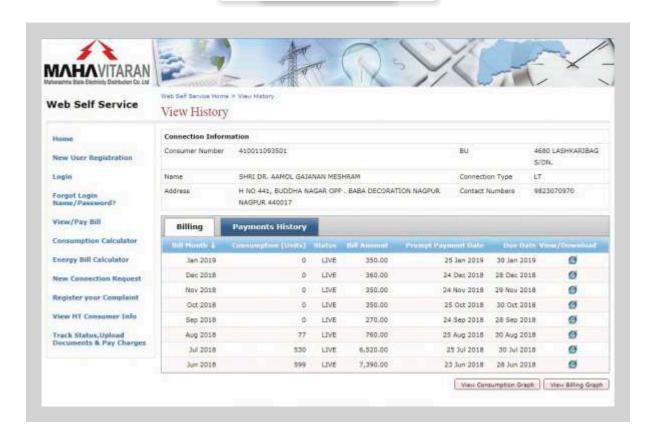
Lightning Arrester

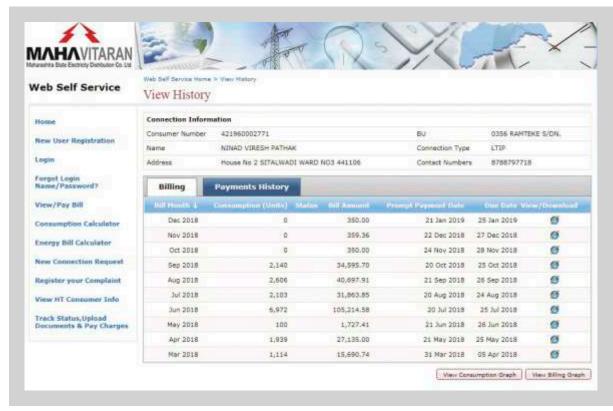






RESULTS









CLIENTS NAME

Ahmed Bhai Mohhmed Bhai

Arun Sukhdeve, Bramhapuri Sudha Akhileshwar Kumar Nafisa Maldhari

Vijay Lohit

Arun Kalbandhe, Bramhapuri Vaishali Shyam Agashe Jawahar Khanchandani

Vasant Agrawal (Saraf) Gopal Soni, Gondia Abhilash Sharma **Dinesh Tembhurne**

Ajay Waghmare Nagarjun Triratna Institute Vijay Tupe Vilas Vishnupant Aher Ashok Prabhakar Ghodke Ujjwal Gedam **Pravin Yeotikar** Shankar Rao Bhoyer Subhash Prayaglal Jaiswal

Ninad Pathak Shailesh Trivedi **Roopesh Patel** Rajendra Umale Narayan K Bawankule Ashok Balani

Prashant Pundlikrao Lokhande Harish L Rughwani Pandharinath Bendewar Balkadas Meshram Shakuntalabai Thakur Panchfula Kore, Gondia

Hemant Pali Sangeeta Ghattuwar Vinit Hisariya, Gondia **Kishor Deogade** Sakett Lanjewar Jayant Nandapurkar

Orange City College Of Social Work Adwaita Anand Pachunde Kishor Jagnekar

Sunil Shende Preamchand Kewalramani Nutan Sarswati Jr College

Rikhab Darda Nalini S Meshram Nutan Sarswati Vidaly Girls High Sch. Anita Darda **Anant B Rokde Motiram Poptani** Amritsiddhi Deorao Aryadeo Sunil Nakode **Devrao Radke** Sanjay Chahnde Sanghpal Upre Girdhar Navdhinge

Indira Meshram **Prakash Ramteke Nitin Rahate** Kishor Jeswani Ritesh Kishan Meshram **Nanda Electronics**

Vinod Vishambhardayal Vishnani Rishikesh Kimmatkar, Ramtek Jyoti R Jawale

Jagdish Bhanudas Ambekar Sham Pathanu, Bramhapuri Ashish Jaiswal, Ramtek

Malkit Singh Ravindra Ashtakar, Bramhapuri Gajanan Bajanghate, Ramtek

Dashrathkumar Batra Sadhna Sarda Renuka Medical Store **Pravin Khedkar** Geetanjali Abhijeet Jichkar Sanjeevan Meshram, Ramtek

Radheshyam Mahadule, Gondia Ajay Gangwani Sanjeevan Lawn, Ramtek

Shankarao Bongiri **Ajay Singh Gour** Anil Naik, Ramtek

Shivraj Kashinath Meshram Kundaben Jadeja, Gondia Gajanan Shopping Mall, Ramtek

Rajesh Singru Manoj Patel, Gondia Shubhash Jaiswal, Ramtek

Ramlal Jaiswal, Ramtek Someshwar Balpande Narsingh Patel, Gondia Aamol Meshram Dinesh Patel, Gondia Chandpur Devasthan, Ramtek

Chandrakant Bondre Nikhil Bhandarkar, Gondia Lokesh Mumneni, Ramtek

Mukesh Ramteke **Meghre Hospital** Sanjay Suresh Parmar, Gondia Shrawan Baliram Thool Niraj Patel, Gondia Sidharth Hospital

Pralhad Gajbhiye Prakashchand Ramani, Gondia **Darda Hospital** Khushal Sadashiv Chinchkhede Tajendra Chabada, Gondia & many more...