



NEW ERA WORLD a strong institution in the fields including News, Info & communication; Heavy machineries for printing & packaging industry; Solar projects; Hospitality; Marketing services; Music & videos and other services with superlative experience of over more than 19 years and outstanding backup of experienced team with knowledge and expertise in all respective fields.





NEW ERA WORLD[SOLAR] is trusted & sustainable partner engaged in creating and implementing energy efficient solutions to empower lives and fulfilling responsibility towards environment through affordable & long-lasting solar projects. Consolidation of specialist and dedicated team with latest technology has been reached through appropriate business alliances, reorganizations, and creating a matrix of experience and knowledge to create trust of performance.





Mission

Designing and commissioning optimum quality solar energy systems, within stipulated time frame by providing innovative solutions to our customers at lowest possible cost and highest standards of quality and safety.

Vision

To create confidence in society, by nurturing atmosphere of professionalism & excellence with optimum utilization of available resources to give Best Solar Energy Solutions.





We in integration with Evolve India & SunGarner Energies are involved in:

- Development, Manufacturing, Procurement & Distribution.
- Project Engineering and EPC for Solar Projects.
- Solar Kits for Retail Users.
- Electric Vehicle Development.
- Distribution of select photovoltaic (pv) modules manufactured by top-notch ISO/ Globally certified factories in Germany, USA, China, Vietnam, and India.





- Extensive solutions in ON/OFF/Hybrid projects for homes, commercial or industrial projects.
- Engineering and Research.
- Power Purchase Agreements [PPAs].





INTRODUCTION:

The Sun is an inexhaustible, reliable and non-polluting source of power. Since the inception of life on earth, the only energy that was available came from the sun.

The time is now approaching when mankind will again depend upon the sun as dominant energy source. We are aware that fossil fuels are not going to last forever. A growing worldwide concern for conservation of energy has reignited our interest in ecologically sustainable materials, processes and sources of energy.

Of the numerous renewable sources of energy known to mankind, Solar Photo Voltaic or SPV is one that has the potential to supply power for our future needs:

- Solar radiation is the largest renewable energy source.
- The solar energy is more evenly distributed in the world than wind or biomass.





- Solar energy is consistent.
- It is well proven and demonstrated technology.
- It promises to be most cost effective renewable power at high volumes.

In addition the solar photovoltaic technology offers following advantages:

- No recurring fuel cost.
- Clean, silent and no moving parts.
- Modular, Reliable with Low Maintenance.
- Environmentally sound, does not contribute to greenhouse gas emission.
- Can be installed at the point of use and prevents transmission line losses.
- Solar panels have life in excess to 25 years and can withstand high winds, severe hail impact, high humidity, ambient temperatures.





Green benefits of using solar system- A Glance

The solar photo voltaic system is expected to give the following benefits to the Power & electricity board in general:

Social Benefits

Investment projects can produce substantial reductions in green house gas emissions, particularly carbon dioxide. The country's majority generation capacity is largely coal based and produces high quantity of carbon dioxide and other harmful gases. If the untapped Solar energy potential is realized carbon dioxide and other toxic gas emission can be lowered by significant quantity and thereby saving our environment.





For a typical 100 kWp SPV Power Plant operating for 25 years, it is estimated that there will be reduction in the emission of gases and pollutants as follows:

| Pollution Savings (Calculated for Total energy produced by SPV for 25 years) | | Power source | | |
|--|---|---------------------|------------|------------|
| | | Coal | Oil | Gas |
| CO2 | (Most important climatic forcing agent) kg | 2107014.12 | 1769891.86 | 1348489.04 |
| SOx | (Causes permanent damage to lungs) kg | 3666.20 | 1074.58 | 63.21 |
| NOx | (Agent causing smog and acid rain) kg | 6110.34 | 1327.42 | 1201.00 |
| PM10 | (Nose, throat irritation, lung damage) kg | 210.70 | 42.14 | 42.14 |
| VOC | (Cause of serious health problems) kg | 126.42 | 63.21 | 10.54 |
| WATER | (Wasted for cooling of power plants) litres | 7901302.95 | 7901302.95 | 7901302.95 |





GENERATION SHEETS

DeIREMO

Sumit Tiwari



SunGamer Energies Pvt Ltd

V N Dyers 900 kWp Ground Mounted SPV Plant



⚡ 1.46 MWh

Today Energy

⚡ 15.64 MWh

Monthly Energy

⚡ 1.23 GWh

Total Energy

💡 297.91 kW

Wattage

🌿 981.78 Ton

CO₂ Saved

💧 122.72 kL

Diesel Saved

₹ 9.82 M

Total Earning (INR)

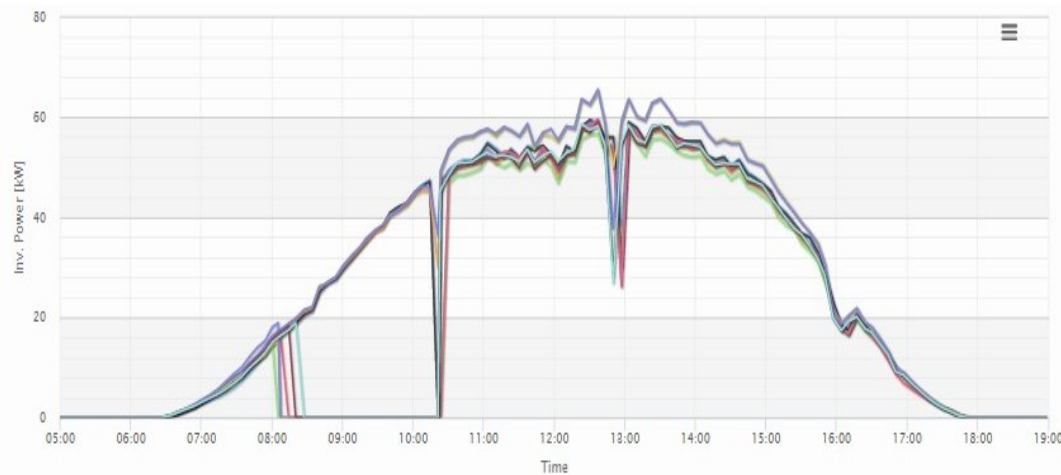
AC Power

📅 04/03/2020

Go!



All Inverters Selected (10)



Power_Inverter1 [kW] Power_Inverter2 [kW] Power_Inverter3 [kW] Power_Inverter4 [kW] Power_Inverter5 [kW] Power_Inverter6 [kW]
Power_Inverter32 [kW] Power_Inverter33 [kW] Power_Inverter34 [kW] Power_Inverter35 [kW]

04/03/2020

V N Dyers 900 kWp Ground Mounted SPV Plant

Bargadwa, Nepal Road, Gorakhpur -273007 (U.P.)



Installed Power

900 kWp

Commissioned on

04 Oct 2018

Integrated on

09 Oct 2018

Signal Strength

-3%

Last Update

05 Mar 2020 12:55:00 PM



DAILY GENERATION OF 900KW_p PLANT

DeIREMO

Sumit Tiwari

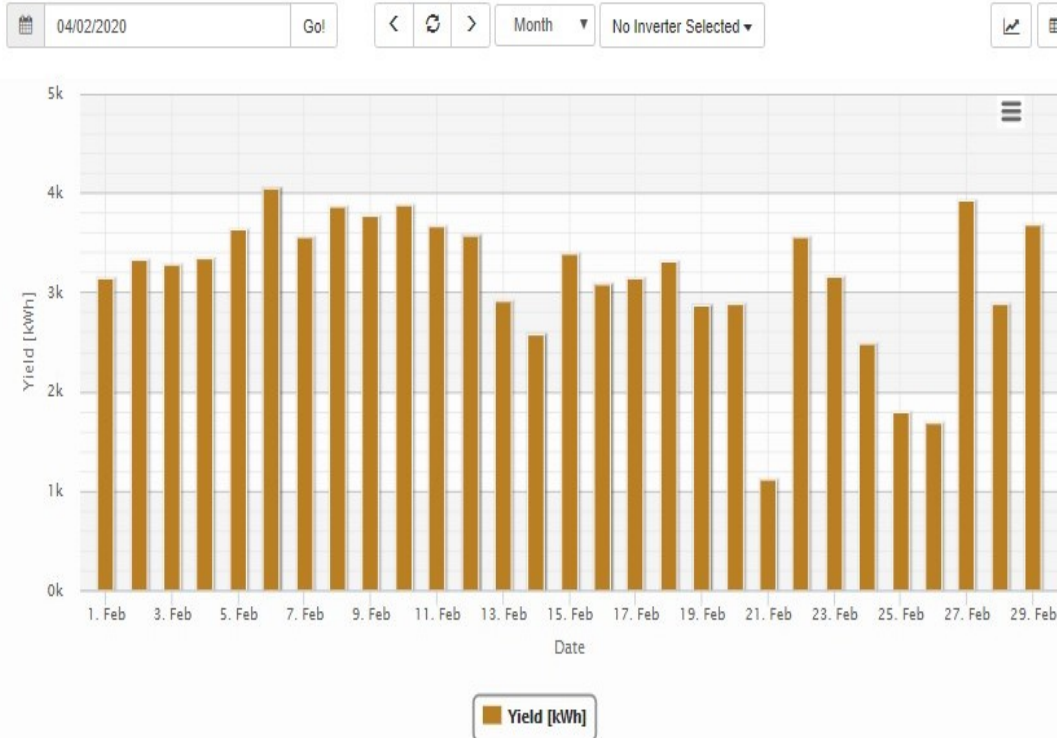


SunGarner Energies Pvt Ltd

V N Dyers 900 kWp Ground Mounted SPV Plant



Yield



V N Dyers 900 kWp Ground Mounted SPV Plant

Bargadwa, Nepal Road, Gorakhpur -273007 (U.P.)

Installed Power **900 kWp**

Commissioned on **04 Oct 2018**

Integrated on **09 Oct 2018**

Signal Strength **-%**

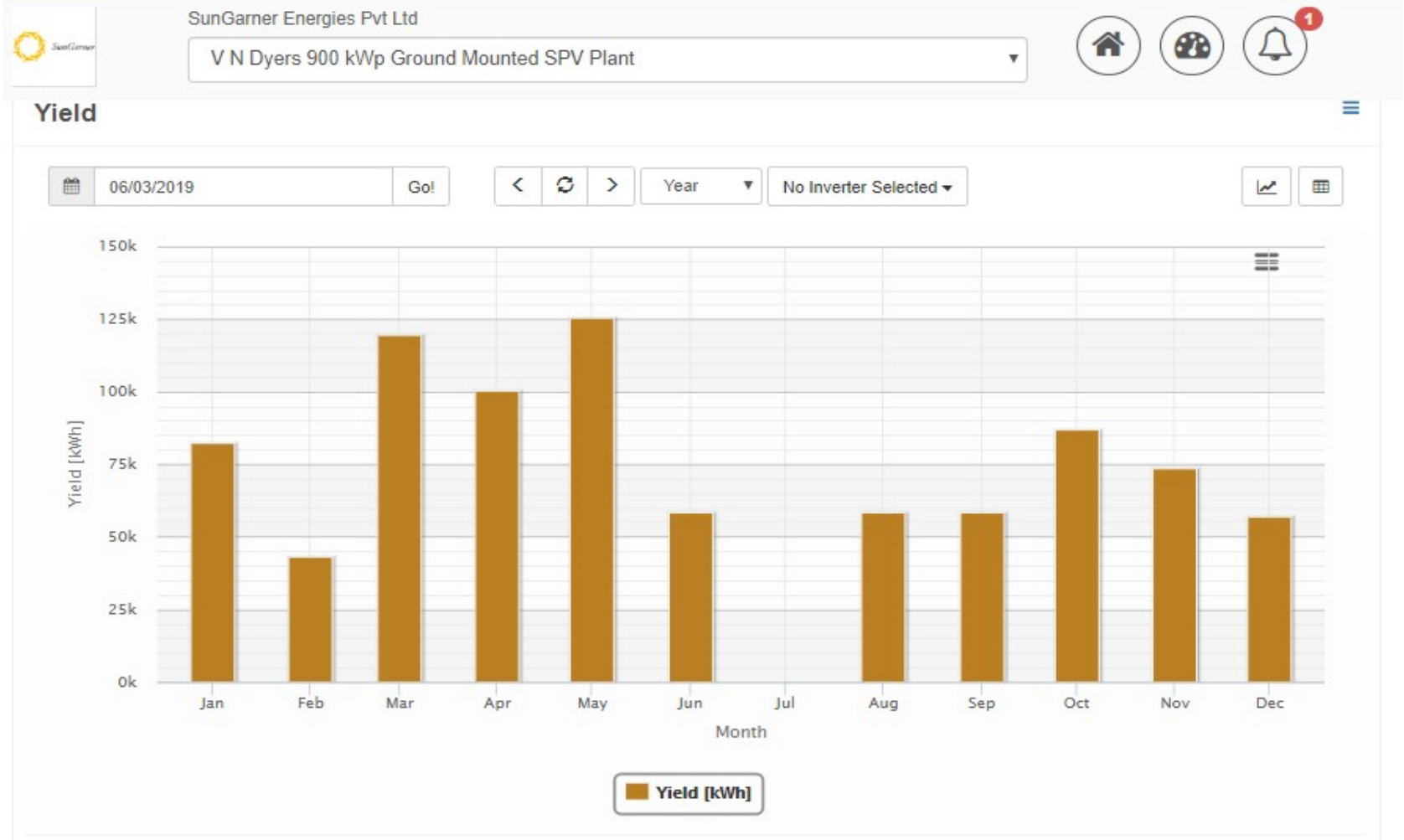
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BAR GRAPH

DeIREMO



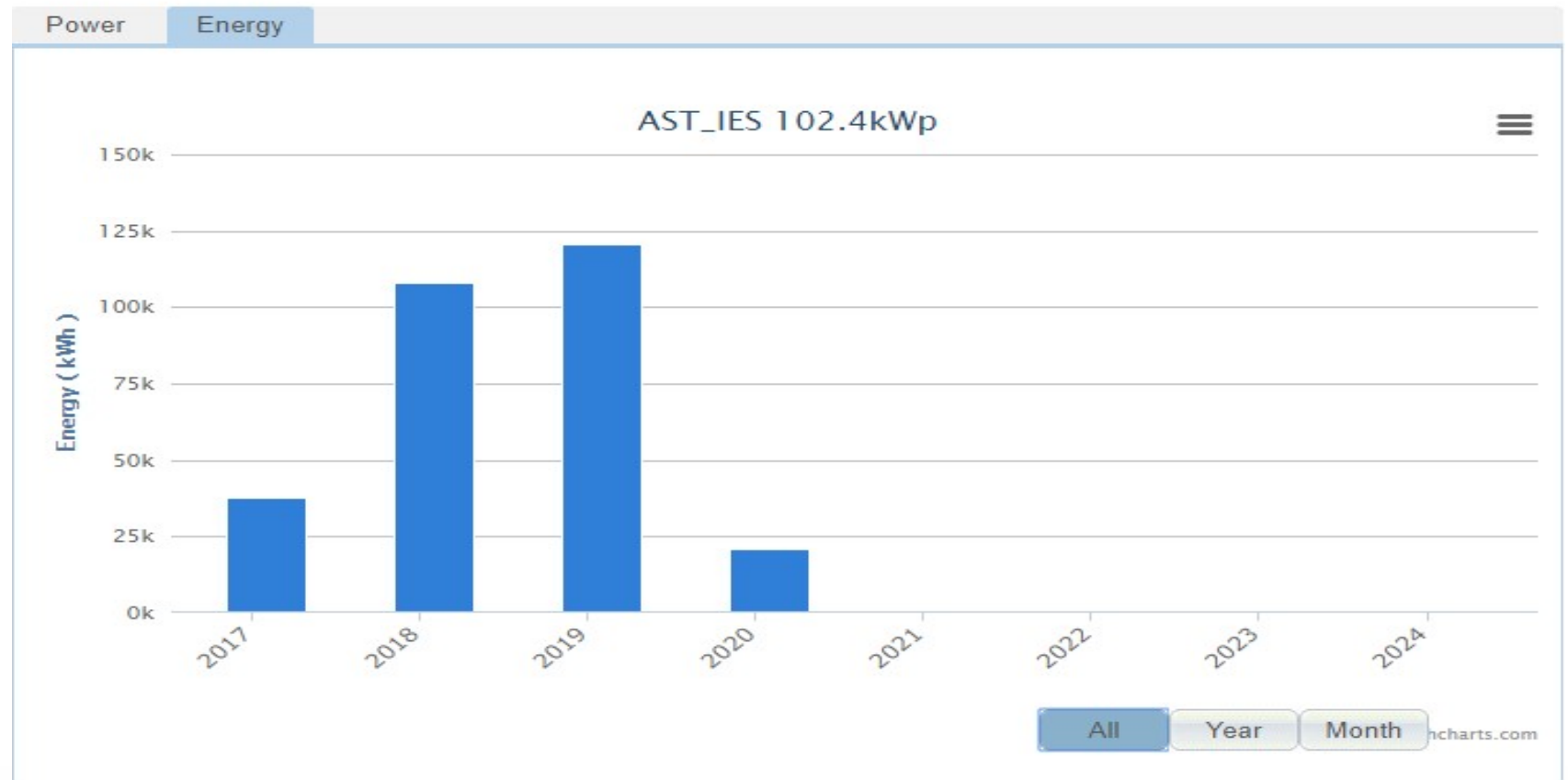


MONTHLY GENERATION

× +

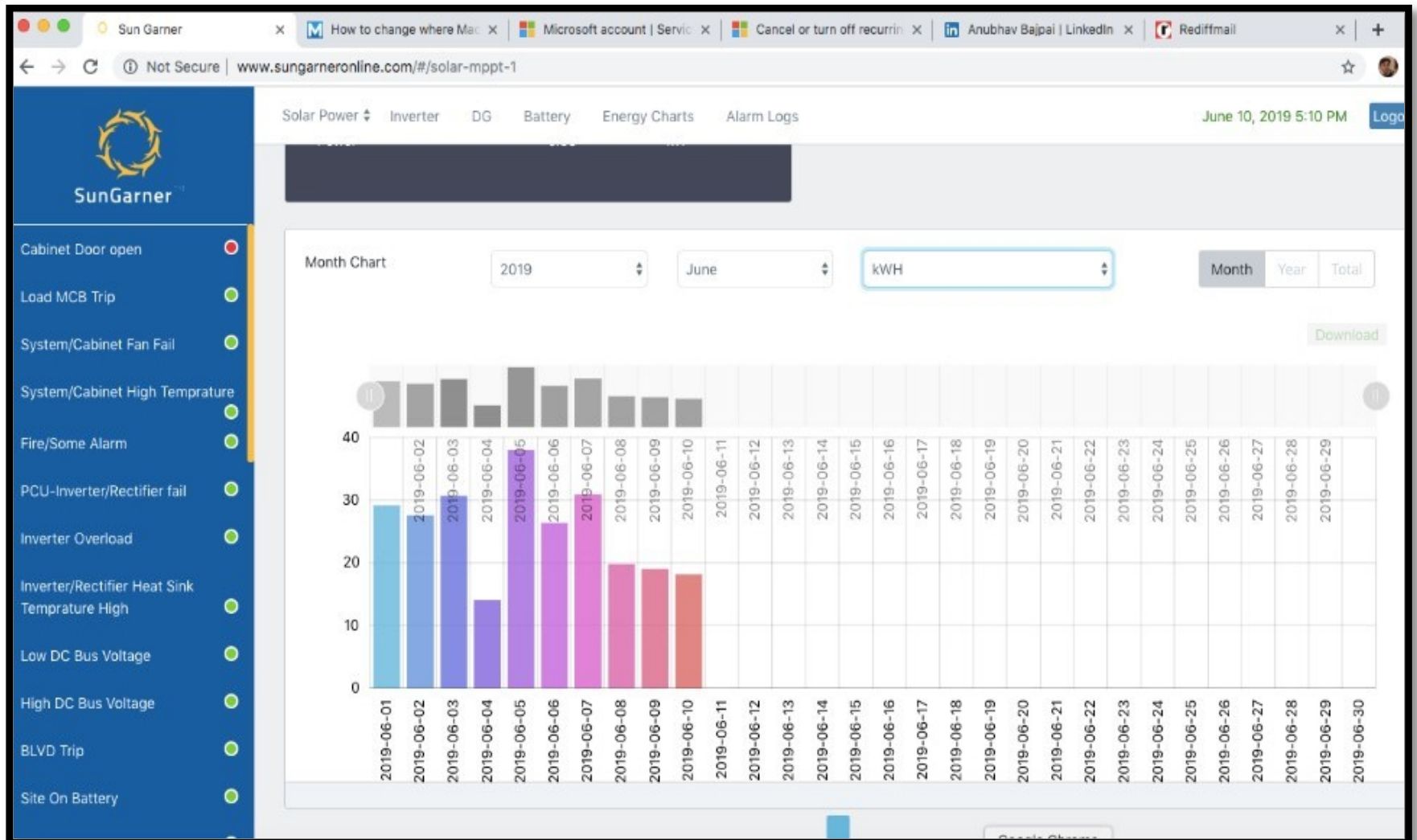
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| | | | | |
|----------|------------|----------|-----------|------------|
| 73.12 kW | 120.00 kWh | 7.39 MWh | 20.89 MWh | 333.08 MWh |
|----------|------------|----------|-----------|------------|





YEARLY GENERATION





← → ↻ ⓘ Not Secure | www.sungarneronline.com/#/solar-mppt-1

PV1 ▾ Inverter DG Battery Energy Charts Alarm Logs June 10, 2019 4:14 PM [Logout](#)

SolarGarner™

- Solar Charge Controller Module-1 Input OV ●
- Solar Charge Controller Module-1 Over Temperature ●
- Solar Charge Controller Module-2 Fail ●
- Solar Charge Controller Module-2 Input UV ●
- Solar Charge Controller Module-2 Input OV ●
- Solar Charge Controller Module-2 Over Temperature ●
- Inverter Short Circuit ●
- DG CPH ●
- Fuel Piffirage ●
- Inverter communication Fail ●
- Meter Communication Fail ●

SOLAR MPPT 1 GROUP

| Property | Value | Unit |
|----------------|-------|-------|
| Output Voltage | 99.60 | Volts |
| Output Current | 6.50 | Amps |
| Energy | 17.94 | kWH |
| Power | 0.59 | kW |

Day Chart

Volts ▾ Day [Download](#)

| Time | Voltage |
|-------|---------|
| 02:00 | 128 |
| 04:00 | 126 |
| 05:59 | 127 |
| 07:59 | 128 |
| 09:59 | 129 |
| 11:59 | 130 |
| 13:59 | 125 |
| 15:59 | 128 |





PRODUCTS

▶ POWER PRODUCTS:

- ONLINE UPS.
- COMMERCIAL INVERTER.
- RESIDENTIAL INVERTER.

▶ SOLAR PRODUCTS:

- SOLAR ONLINE UPS.
- SOLAR HYBRID INVERTER.
- SOLAR RESIDENTIAL INVERTER.

▶ SOLAR MODULES:

- PLYCRYSTALLINE SOLAR MODULES.
- MONOCRYSTALLINE SOLAR MODULES. [ALL TYPES].

▶ BATTERIES

- INVERTER TUBULER BATTERIES.
- SOLAR TUBULAR BATTERIES.
- E-RICKSHAW BATTERIES.
- SOLAR BOS.

▶ SOLAR KIT

▶ SOLAR PUMPS





MAJOR INSTALLATIONS evolve -Energy Group-



1 MW
Tirunelveli / India



1.2MW
Sumathi Spinning Mills Pvt Ltd., Coimbatore / India



1MW
Selvapathi Spinning Mills Pvt Ltd., Coimbatore / India





MAJOR INSTALLATIONS evolve -Energy Group-



500 KW
Bangalore / India



400 KW
Chennai / India



200 KW
Solar Car Port, Chennai / India





MAJOR INSTALLATIONS evolve Energy Group



175 KW
Delhi / India



33 KW
MERICO, Mumbai /India



60 KW
Hybrid Inverter With Battery, Tanjavur / India





MAJOR INSTALLATIONS SunGarner™



180 KW
Rubessa, Bhutan.



900KW
Gorakhpur/India.



102 KW
Greater Noida/ India





MAJOR CLIENTELE



Since 1880





- Jubilant Life Sciences
- InterGlobe Airlines
- State Bank of India 1400 ATMs
- Union Bank of India 600 Branches
- PNB 400 ATM
- Modi Xerox/ Eli Lilly, Raheja Builders, Boutique International, DMA Rampur
- VN Dyers Gorakhpur





CONSOLIDATED EXPERIENCE



Over 60MW Projects Executed



253 + MW Inverters Shipped



103+ MW Modules Supplied





CUSTOM-BUILT SOLUTIONS FOR SPECIFIC NEEDS



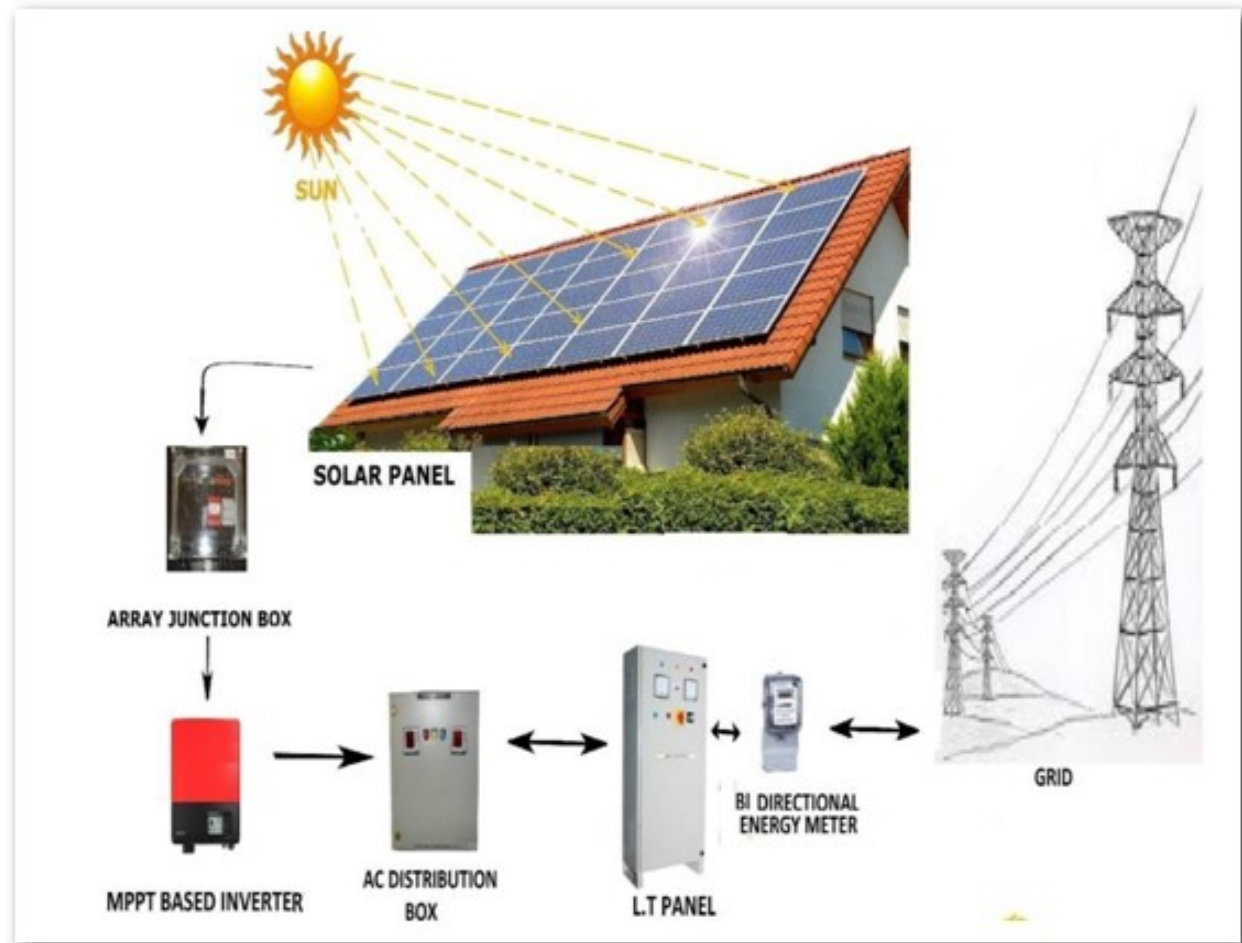
AND MANY MORE.....





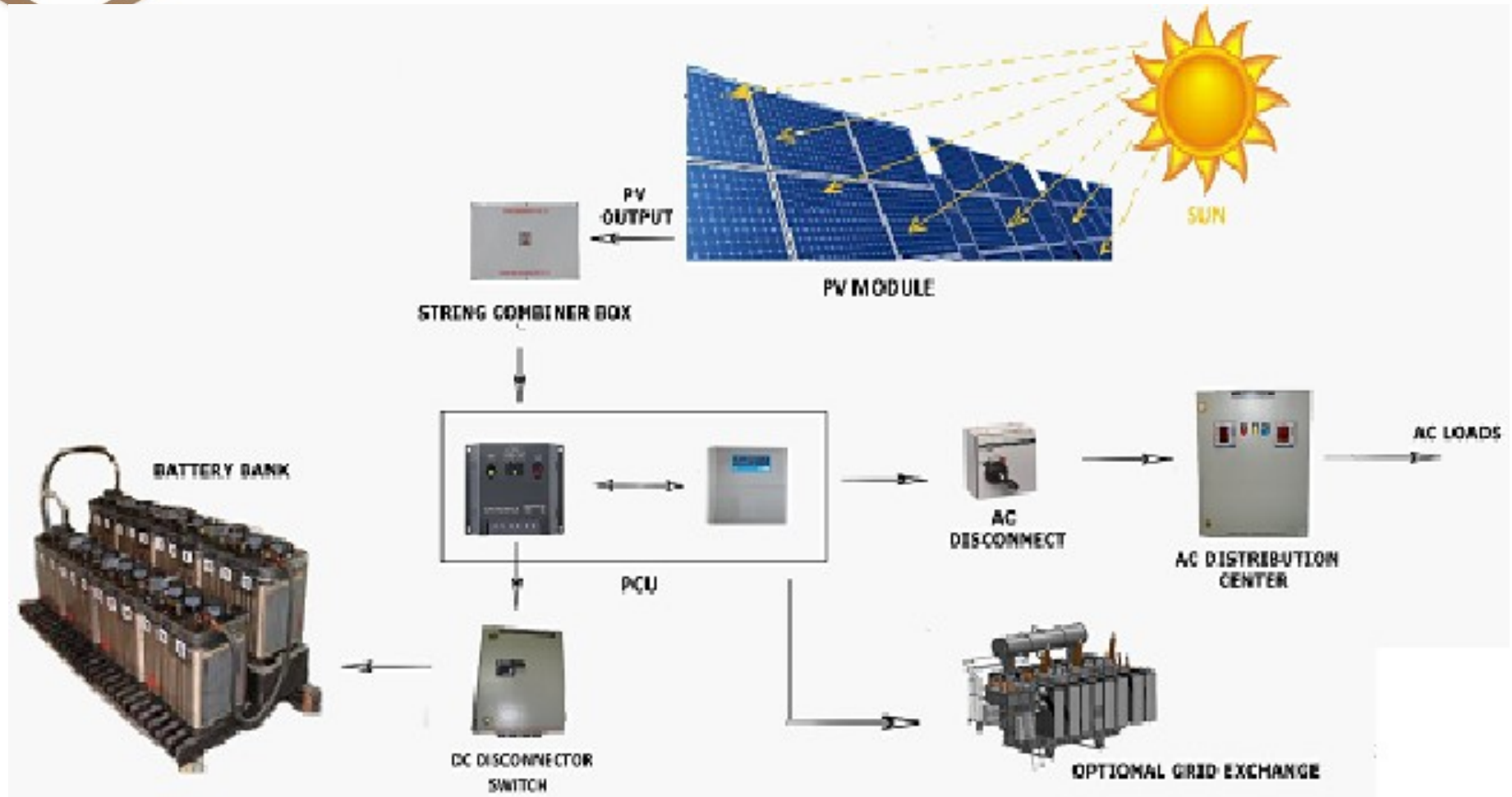
Block diagram of solar grid tied system. This is reference view which reveals the number of devices and their arrangement in solar power system.

WORKING DIAGRAM





SOLAR STAND ALONE SYSTEM





SIGNIFICANT PRESENCE OF ASSOCIATES

- ▣ NOIDA
- ▣ LUCKNOW
- ▣ CHENNAI
- ▣ COIMBATORE
- ▣ MUMBAI
- ▣ DELHI
- ▣ AHMEDABAD
- ▣ SRILANKA
- ▣ HONGKONG
- ▣ SULTANATE OF OMAN.





CONTACT US

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