

PRODUCTS AND SOLUTIONS

Household
Solutions



Solar Lanterns



Home Lighting Systems



TV and Fans

Community
Solutions



Street Lights



Micro-Grids



Irrigation Pumps

Institutional
Solutions



Solar Power Plants



Grid tied Rooftop Solar





Project Descriptions:

1. Rooftop Kilowatts System

To deal with frequent power outages and the unavailability of solar radiation during rough weather and night-hours usually makes it difficult to make or store power. The solution to this problem can be an off grid solar system or stand-alone system. This system balances the mismatch between the electrical load and the electricity produced, and the power is supplied as per the application requirement (DC Load or AC Load), with the help of some energy storage devices like batteries.

These off-grid solar systems are usually suited for rooftops of small homes, offices, malls, hospitals etc. They can be used as a mobile or back-up power supply for homes, medical clinics, telecommunications stations, meteorological stations, and forest fire stations, especially those located in areas without public utility grids, such as a remote islands and mountainous regions. In these cases, off-grid solar energy systems replace conventional power generation solutions such as a diesel generator.

A small solar home power plant of 1 KW is adequate to drive a load of approximately 1000 watts for four hours with a small battery bank, depending on solar insulation in the area. The solar panels for homes, office & other utilities can directly convert solar energy to electrical energy. This can be used immediately to drive the loads or stored in batteries for usage at the time of power outages. This can substantially cut down your electricity bills as well as provide you with power at a cheaper cost.



On Grid System:

With state governments coming up their Solar Rooftop Policies, converting your rooftop into solar has become an easy solution to cut down on your electricity bills as well as to generate income from the excess of electricity produced.

With the net metering policy, you can install a solar system on your rooftop and consume electricity generate from it for your requirement and use electricity supplied from the grid for only the balance requirement. Also there can be times when the electricity generated from the system is in excess of your requirement. The same can be fetched into the grid which will be shown as a credit to you in your electricity bill. Also tax benefits such as 80% tax depreciation, 10 years tax holidays, subsidies in certain cases has helped to reduce your installation cost and give you an attractive ROI as high as 30%.

In the times where electricity rates have been on all time high and ever increasing, this is the optimum solution to fix your electricity rate by going solar.

Navitas Solar shall help you to convert your rooftop into solar and start with your savings. All you have to do is fill the below mentioned questionnaire and our team shall get back to you soon.

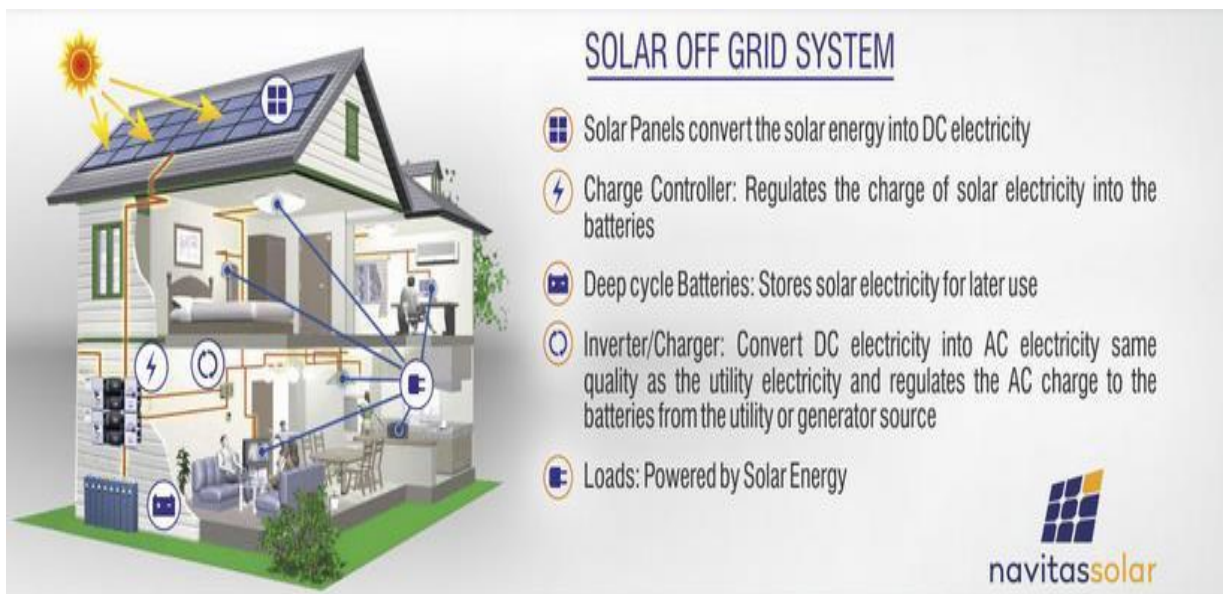


2. Off- Grid System:

Solar panels comes in vivid sizes and wattages which makes it a preferred choice for the manufacturing of various off grid solar products which run on solar energy which can be used in the daily requirements.

These off grid products such as solar street lights, solar home lighting kits, solar water heaters, solar chargers, solar cooker etc are a boon to those living in remote villages and areas which lack the grid connectivity and therefore live in dark.

Navitas Solar offers you with ANORA SERIES wherein you get a wide range of panels which can be used for the manufacturing of such products to meet your off-grid power requirements.





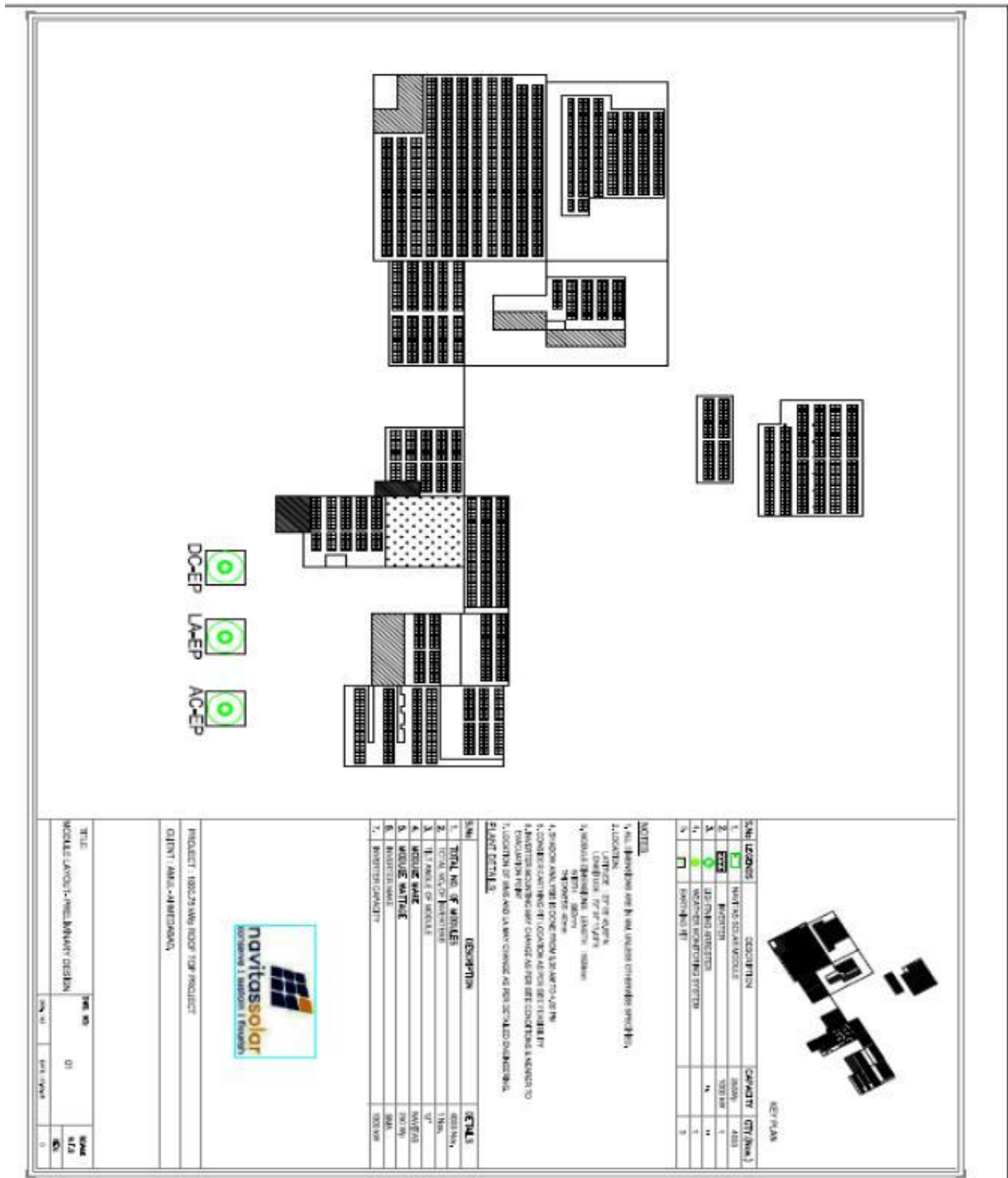
EPC

Our main objective in the EPC space is to provide top end quality services, from the initial conceptualization & design stage to the installation & commissioning stage. We deploy world class solar technology to deliver affordable solar power. Navitas Solar designs, builds and commissions with utmost sophistication and provides real time operational support & maintenance to large scale solar power plants.

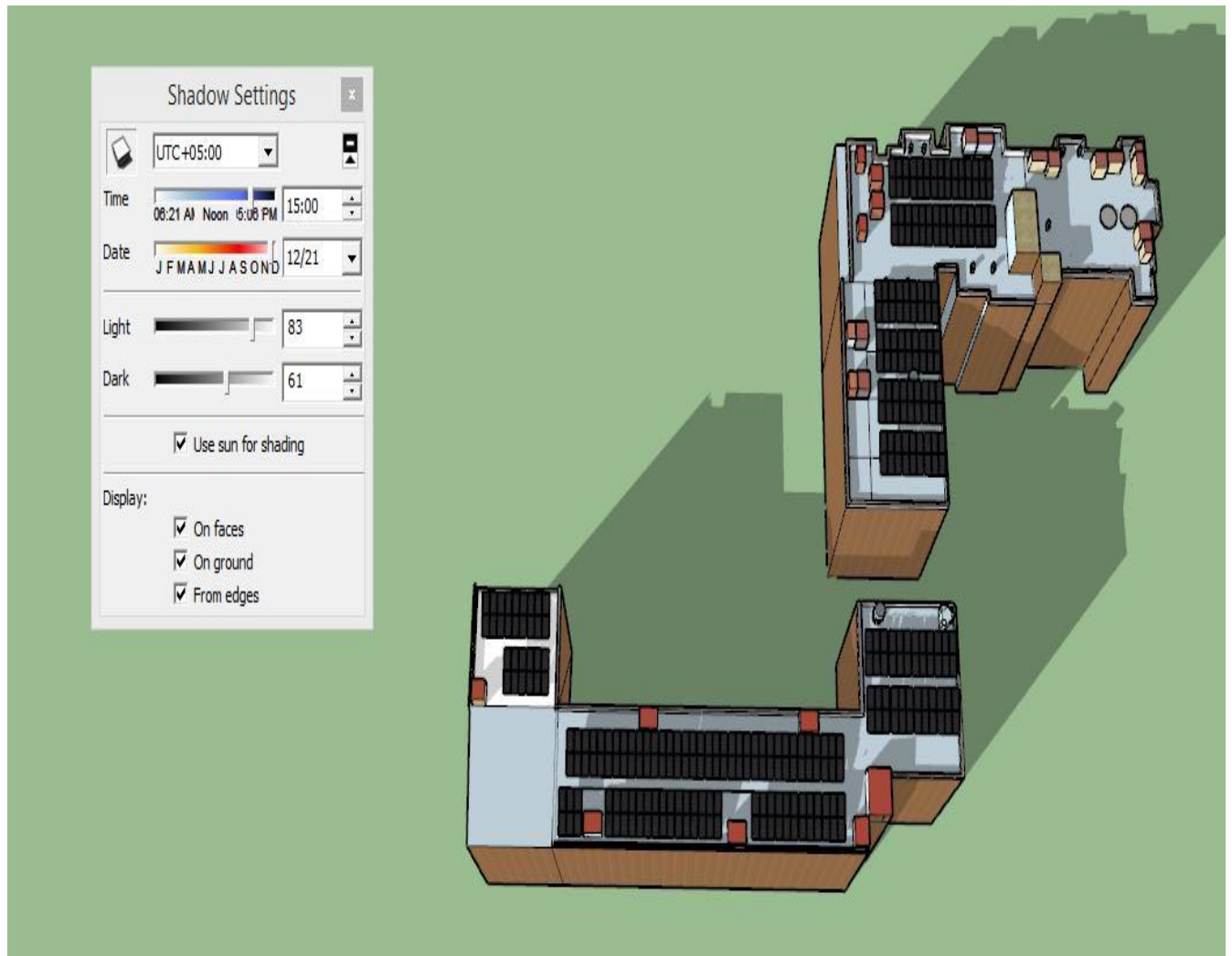
We have in-house expertise developed from our group companies in the fields of civil, electrical, engineering and manufacturing which helps to provide our project management services in an efficient and cost effective manner. Our Expertize design , prepare Layout also do Shadow analysis on particular site with use of "Pv Sysys" Software.

Some of Design PV layout, Generation report and Shadow Analysis done by Navitas's Engineer:

PV Layout Prepared by Our Engineer:



Shadow Analysis Done by Our Engineers:





Clients Details

We have diversified customer in all regional of India as well as abroad for different application like Rooftop solar, on grid project, off grid project, pumping systems etc.

Solar PV Panels Client List

Sr No	Name	Project Location	Project Size (Kw)
1	Mittal Machines Pvt Ltd	Dehradun, Uttarakhand	2000
2	Ultimate Sunsystems Pvt Ltd	Gurgaon Haryana	1650
3	Easy Solar Industries	Delhi	1551
4	Zodiac Energy Pvt Ltd	Ahmedabadm Gujarat	1250
5	Soyo System	Jalgaon, Maharashtra	1600
6	IB Services	Lucknow, UP	1150
7	Windsun Renewables Pvt Ltd	Nagpur Maharashtra	780
8	Sun2earth Solartech	Bangalore, Karnataka	600
9	Vtech Sunsystems Pvt Ltd	Nagpur Maharashtra	600
10	Rays Power Experts Pvt Ltd	Delhi	500
11	Shree Abhay Hoists & Engineering Pvt Ltd	Shegaon, Maharashtra	400
12	AVI Appliances Pvt Ltd	Ahmedabadm Gujarat	300
13	Solex Energy Pvt Ltd	Anand, Gujarat	300
14	Export	Yaman	302.96
15	Zolt Energy	Gurgaon	263.8
16	Crux Power	Bhuvaneshwar	250
17	Benu Power	Mumbai	250
18	Chirayu Power	Khamgaon	245
19	Savemax Solar	Pune, Maharashtra	230
20	Shree Sai Solar	Kaddapa, Karnataka	218.8
21	Straina International Pvt Ltd	Mumbai, Maharashtra	230
22	Solartown Energy Solutions	Chennai	200
23	ReCube Energy Pvt. Ltd.	Delhi	177.8
24	Hindustan Aromatic	Mumbai	162.2
25	Solis Power	Jaipur, Rajasthan	152
26	Sushmita Automation	Delhi	151
27	Arise India Ltd	Delhi	150
28	Sterling and Wilson Pvt Ltd	Ahmedabadm Gujarat	100
29	Hartek Power Pvt Ltd	Chandigarh	100
30	Gensol Engineering pvt Ltd	Ahmedabadm Gujarat	100
31	Fortuners Advance tech. Pvt Ltd	Modinagar, UP	90
32	Re-Green Energy	Pune, Maharashtra	72
33	Flamingo Overseas	Rajkot	60
34	S.K. Technologies	Karnataka	60
35	Longman Suntech Energy	Vengapakkam, Tamilnadu	50
36	Sunvest Energy Private Limited	Mumbai	50
37	Tritronics India Pvt Ltd	Delhi	40

Projects Installed by Navitas Solar.

Sr No	Client Name	Project Location	Installed Capacity	Contact Detail
1	SGS India	Manesar, NCR	60Kw	Mr Vaibhav Raghuvanshi – 9560808847
2	Wind Sun Renewables	ADCC Infocad, Nagpur MH	100Kw	Mr Shyam Modi – 9850312378
3	RMSCO	Jaipur, Rajasthan	27Kw	Mr Ishan - 9799843464
4	Wind Sun Renewables	AVBRH Hospital, Wardha, MH	100Kw	Mr Amit Bhattad – 09960011139
5	Padmavati Nagar Society	Pune Maharashtra	15Kw	Girish Doshi – 9960061868
6	Moulder India	Baramati, MH	10Kw	Mr Ashish Kabra – 9422062776
7	Mangalya Bunglow	Pune Maharashtra	4.5Kw	Pramod Bafna – 9822439638
8	Wind Sun Renewables	Mantri Sadan Nagpur, MH	50Kw	Mr prasanna Suttaone – 9552598815
9	Western Metal Industries	Yawat Maharashtra	300Kw	Anuj Gandhi - 9822017181
10	Inani Solar Solutions LLP	Shilpa Medicare Raichure, K.A.	80Kw	Mr Keshav Inani – 7680077900
11	Dropadi Silk Mills	Surat, Gujarat	17.25Kw	Mr Vinod Mittal – 9824147182
12	Wind Sun Renewables	Divyansh Steel Pvt Ltd, Nagpur	1000Kw	Mr Shyam Modi – 9850312378
13	Wind Sun Renewables	Nagpur, Maharashtra	150Kw	Mr prasanna Suttaone – 9552598815
14	Wind Sun Renewables	Nagpur, Maharashtra	25Kw	Mr Amit Bhattad – 09960011139
15	Wind Sun Renewables	Shree Baidyanath Ayurved bhavan Pvt Ltd, Sponi, MP	150Kw	Mr Shyam Modi – 9850312378
16	Maanav Promotors Pvt Ltd	Pune Maharashtra	25Kw	Mr Rahul – 9011103330
17	Perfect Ten Society	Pune, Maharashtra	30kw	Mr Rahul – 9011103330
18	Shree Tube Manufacturing Co. Pvt Ltd	Aurangabad, Maharashtra	100Kw	Mr Yogesh Rathi - 0240-2555867
19	L&T Construction	Panvel, Maharashtra	100Kw	
20	Triton Graphics	Sarigam, Gujarat	31.5Kw	Nikhil Jalan - 9769563633
21	Shyam Sizers	Kim, Gujarat	50Kw	Abhijit Agarwal- 9824195250
22	Raj Reality	Pune	18.9Kw	Nikhil Jalan – 9769563633
23	NHDC Limited	Khandwa, MP	40Kw	Bhupendra singh – 9910396325

Installed Modules Photo on site:



Photo-1



Photo-2



Photo-3



Photo-4



Photo-5



Photo-6



Photo-7



Photo-8



Photo-9

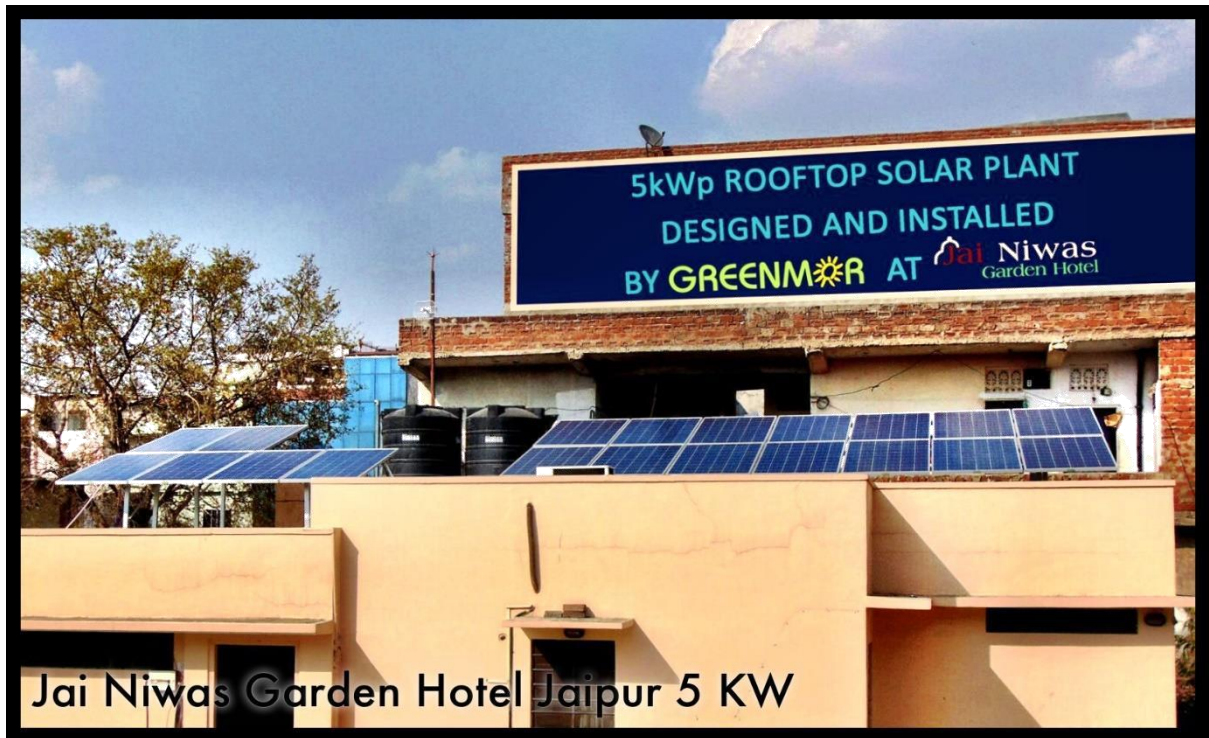


Photo-10

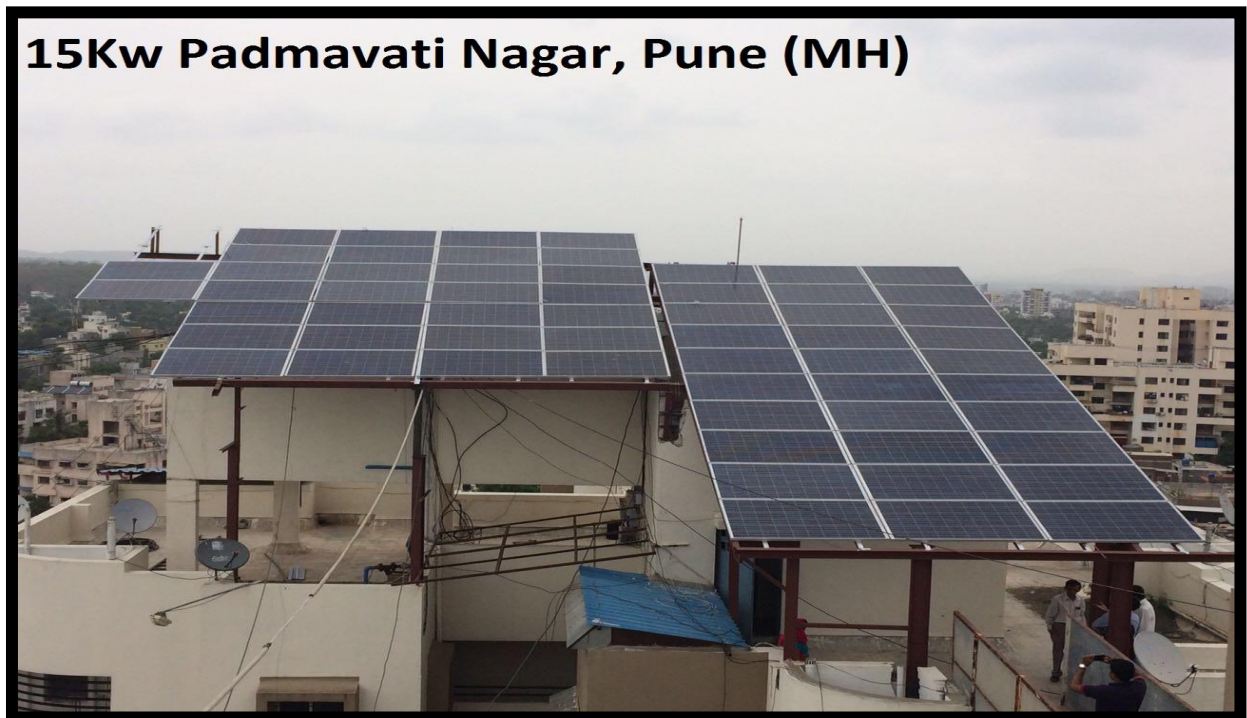


Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16



Photo 17



**18.9Kw Raj Reality - Pune,
Maharashtra**

Photo 18



31.5KW Triton Graphics, Sarigam, Gujarat

Photo 19