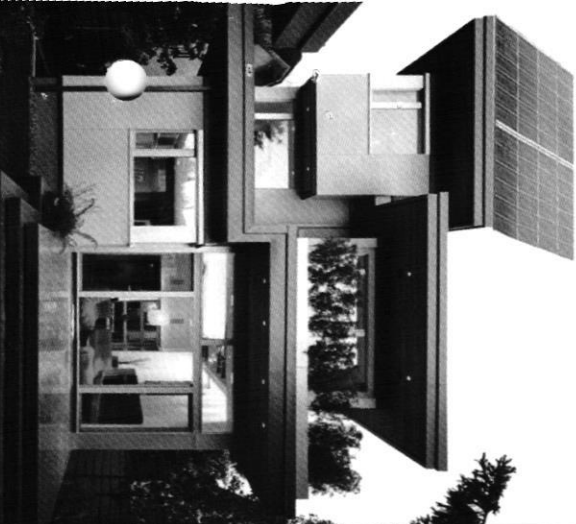




SUNPOWER SOLAR SYSTEMS

SOLAR INVERTER



STREET LIGHT



SOLAR FENCING



Cell : 8008402175, 9963163478

SOLAR Geyser

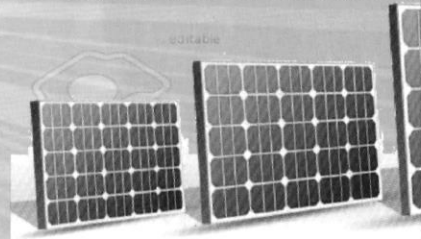


Avail **Subsidy** from
Telangana Govt. On
Solar Power Packs

Manu

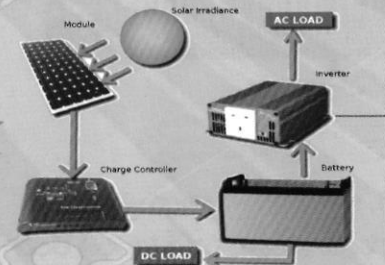
60%
Govt.
Subsidy

SOLAR Power



Cont : 996316347
800840217

Save
Power
Bill



SUNPOWER SOLAR SYSTEMS

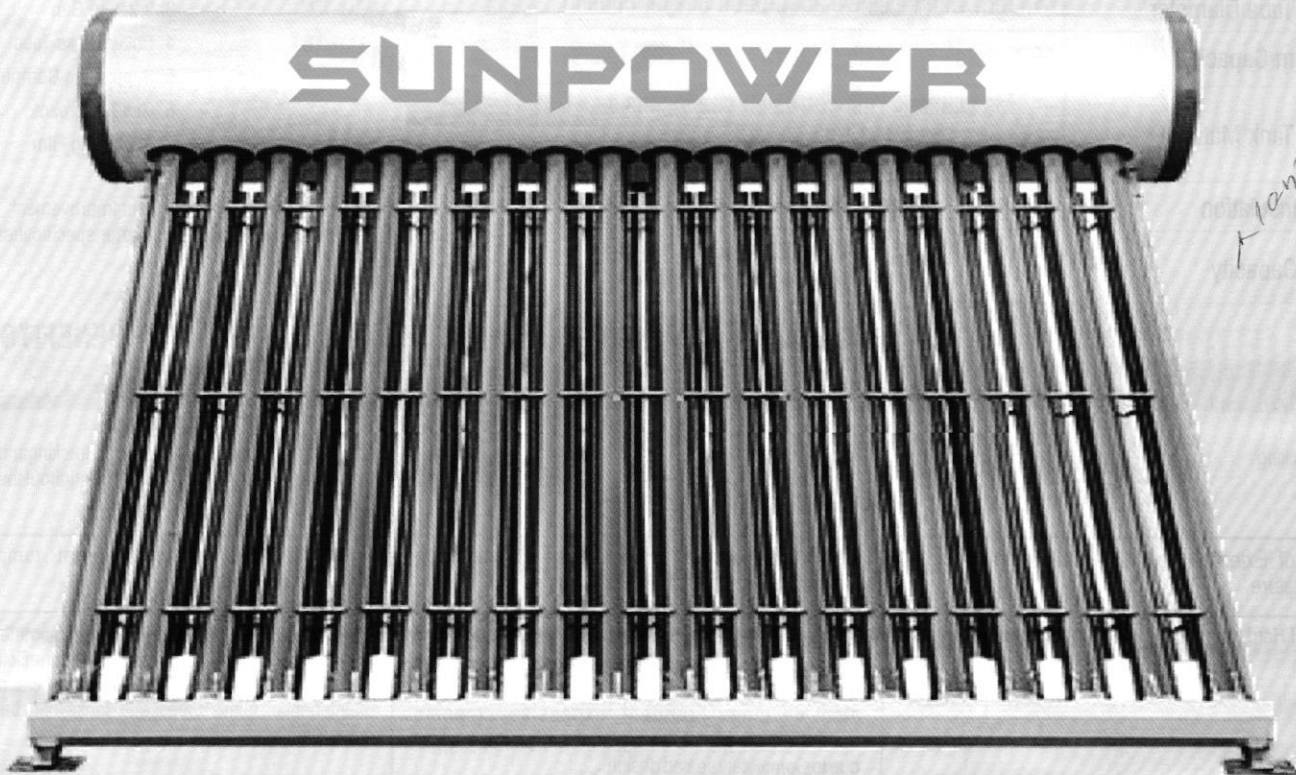
Office : 9-127, Sri Gayatri Nagar, Jillelguda,
Saroornagar (M), Hyderabad-500 097. TS
E-mail : sunpowersolar2014@gmail.com





SUNPOWER SOLAR SYSTEMS

The World's Latest Solar Water Heating Technology
Specially Designed To Suit All Conditions



Applications:

Home & Hostels,
Restaurants & Canteens,
Hospitals & Nursing Homes,
Guest Houses & Choultries,
Hotels & Resorts,
Process Industries.

- Solar Industrial heating systems
- Complete solar solutions for all purposes
- All India service/Dealer Network

**Slash Your
Electricity Bills !!!
Save Money
Daily !!**

Monthly Savings on Electricity Bills

Rating of the Electric Geyser / Heater	Daily Usage		
	1 hour	2 hours	3 hours
	Monthly Electricity Bills (Rs.)*		
2 KW	324.00	628.00	972.00
3KW	486.00	972.00	1458.00

Salient Features:

- ♦ Highly Energy Efficient and Eco friendly Design concept.
- ♦ Considerably no power demand - Can be configured to operate even in the most remote places (using 100% Solar Energy) - where Electrical power is not available.
- ♦ Minimum maintenance with no requirement for skilled man power.
- ♦ Huge savings on electric city bills and pays back with in two years. High Thermal Efficiency using the world's largest proven and tested, and Evacuated glass tube collectors, with track the sun throughout the day and intercepts more than 93% of solar radiation.
- ♦ Tested at regional solar energy center, (Approved test center of MNES & BIS, Govt. of India)
- ♦ Requires much lesser space as compared to conventional solar geysers.
- ♦ Handles hard water with ease without droop in efficiency and does not require frequent internal cleaning.
- ♦ Hi-Density PUF Insulated Stainless Steel Tank with SS cladding / G.I. Ensure hot water even on winter mornings.
- ♦ Electrical Back - Up also available to provide additional heat during monsoon season.
- ♦ Long Life of about 20 Years.
- ♦ Available in various capacities to suite every need: 100/200/500 Liters per day and custom build large sizes.
- ♦ Screw less fitting tanks.



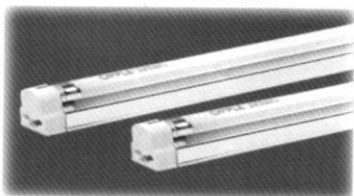


SUNPOWER SOLAR SYSTEMS

*Slash Your Power Bill
with **SUNPOWER***



HOME LIGHTING SYSTEMS



**GOVT. SUBSIDY & LOAN
FACILITY AVAILABLE**

**Save
Power
Bill**

**Get Rid
of
Power
Cuts**

SUNPOWER SOLAR SYSTEMS

H. No. 9-127, Sri Gayatri Nagar, Jillelguda,
Saroornagar (M), Hyderabad-500 097. TS
E-mail : sunpowersolar2014@gmail.com

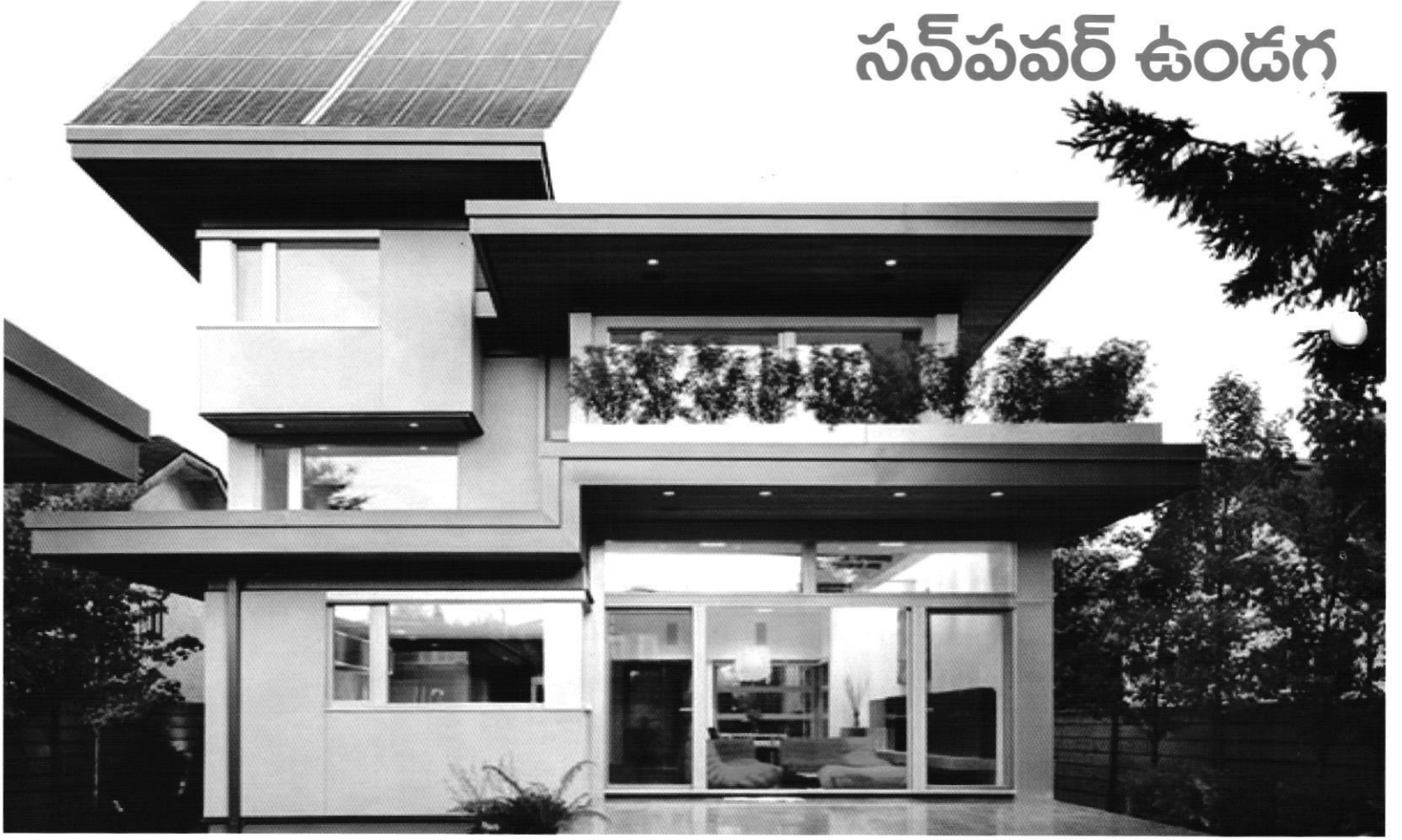
Cell : 8977114192



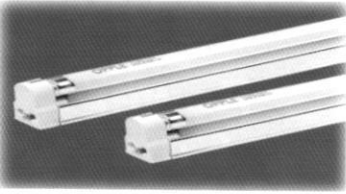
సన్పవర్ సోలార్ సిస్టమ్స్

కరెంట్ ఎందుకు దండగ

సన్పవర్ ఉండగ



సోలార్ హోమ్ లైటింగ్ సిస్టమ్స్



కేంద్ర ప్రభుత్వం సబ్సిడీ మరియు
ఋణ సదుపాయం కలదు

కరెంట్ బిల్లు
ఆదా చేయండి

కరెంట్
కోతల నుండి
విముక్తి
పొందండి

సన్పవర్ సోలార్ సిస్టమ్స్

ఇ. నెం. 9-127, శ్రీ గాయత్రి నగర్,
జిల్లెలగూడ, సర్కార్ నగర్ (మం.) రంగారెడ్డి జిల్లా

సెల్ : 8977114192

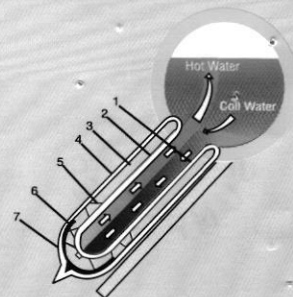
Technical Specifications:

Available sizes	100 LPD	200 LPD	500 PD
Output Water Temperature	65 ± 5°C		
Number of tubes	10	20	50
Length of Tubes	1800mm		
Tube Material	Special Grade Borosilicate Glass		
Tube Outer Diameter	58mm		
Inner Tube Diameter	47 mm with selective absorption 3 layer coating		
System Capacity	100 Liters	200 Liters	500 Liters
Inner Tank Material	Ms with anti rust corrosion coating inside Ss 304 Grade for soft water Ss 316 Grade for Hard Water		
Tank Insulation	Hi - Density PUF – Poly Urethane Foam		
Tank Capacity	Stainless Steel / GI Powder Coated Ms / Ss Glossy outer cladding		

Selective Coating

Outer Tube

Inner Tube



Also
Suitable for
Hard Water

1. Inner Glass Tube
2. Selective Absorbing Coating
3. Vacuum Gap
4. Cover Glass Tube
5. Supporting Component
6. Gas Absorbent
7. Absorbing Film

Due to continuous developments and product improvement the company reserves the right to change / after specifications.

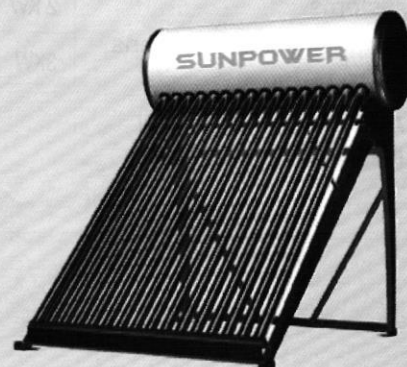
SUNPOWER vs CONVENTIONAL FLAT PLATE SOLAR HEATERS – COMPARISON OF BENEFITS

Features	Conventional Flat Plate Solar Heaters	SUNPOWER Solar Geyser
Sun tracking	No sun tracking possible due to flat surface collector. Maximum heat absorption only at 12 Noon.	Circular glass tubes allow Auto Sun tracking and ensures maximum heat absorption (>93%) throughout the day.
Effect of External Weather and ambient temperature	Design dependent on ambient temperature results in low efficiency during cold weather	Design independent of ambient temperature Ideal even during winters.
Effect of Hard water	System efficiency drops drastically as hard water causes scaling and chokes the narrow metallic absorber pipes (12 mm). Leaks could also develop. Frequent expensive cleaning essential. Tank cleaning manually impossible due to Completely sealed design.	Non-metallic glass tubes of much larger diameter (37mm) prevents choking and ensures maximum efficiency and life of the system without frequent cleaning and maintenance. Glass tubes and tanks can be cleaned manually.
Start-up and heating time	Delayed heating process from cold to hot. Takes more than 5 hours.	Low start-up time from cold to hot in just 2 to 3 hours.
Connections between collectors and storage tank	Uses internal connection pipes that result in heat loss and reduces system life.	Integrated design eliminates interconnecting pipes completely.
Number of collectors for a 100 LPD system	9 or 10 fins	15 evacuated glass tubes
Installation space requirement (for 100 LPD)	Base length of 10 feet. Can be mounted only on roof. Cannot be used for multi storeyed apartments due to heat loss in lengthy pipes from roof.	Balcony type cantilever mounting possible. Ideal for multistoreyed apartments, reducing hot water piping.
Relative position of cold water tank	Cold-water tank must be mounted at a height of about 7 to 8 feet from the base of the system.	Cold-water tank could be mounted at a height of only 4 feet from the base of the system.



SUNPOWER SOLAR SYSTEMS

H. No. 9-127, Sri Gayatri Nagar, Jillelguda,
Saroornagar (M), Hyderabad-500 097. TS
Mobile : +91-40-8977114191, 8977114192
E-mail : sunpowersolar2014@gmail.com



సోలార్ గీజర్



సోలార్ సెస్టమ్స్

ఇ. నెం. 9-127, శ్రీ గాయత్రి నగర్,
జిల్లేలగూడ, సరూర్ నగర్ (మం.) రంగారెడ్డి జిల్లా

సోలార్ పవర్ వినియోగదారులకు
తెలంగాణ ప్రభుత్వం సబ్సిడీ రూపంలో
అందిస్తున్న సువర్ణ అవకాశం

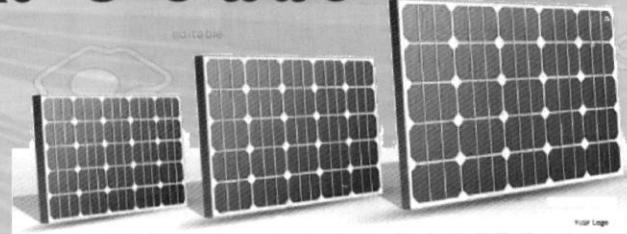
Manufactured By :

60%

ప్రభుత్వ
సబ్సిడీ

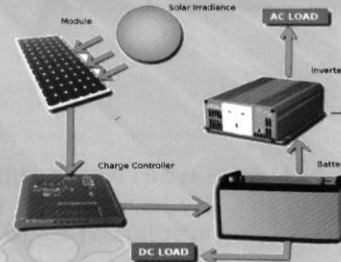
సోలార్ పవర్

PHOTON



**Cont : 9963163478
8008402175**

కరెంట్ బిల్లు
ఆదా
చేయండి



4 Tube Lights

4 Ceiling Fans

1 TV

1 Computer

1 Fridge





SUNPOWER SOLAR SYSTEMS



SOLAR WATER HEATERS



**INSTALLMENT
AVAILABLE**

**Save
Power
Bill**

SUNPOWER SOLAR SYSTEMS

Off : #9-127, Sri Gayatri Nagar, Jillelguda,
Saroornagar (M), Hyderabad-500 097. TS
Cell : 8008402175, 8977114191, 9963163478
E-mail : sunpowersolar2014@gmail.com



Approvals



To the M/Sir,

Baruch
750 - 25
1000 - 41 Baruch
250 x 41 = 10250

Subj: - Solar power plant.

The above Subject the Telangana Government giving Subsidy for solar power upto Rs 90,000/- for Individual villas. Total Cost we have Rs. 68,000/- But 1 clause customer Adhar Card & photo must.

This is for your information.

Harish
13/11/15.

I inspected above plant
Installation.

1000
6 and
4 m/s - 1500
1 LED
2 8x4mm
containing 20k ohm

Backup

750 - 4.5 10 VA
1000 - 7.2 10 VA

Company Name : Mehta & Modi Homes				Date- 26.04.16			
Project Name : Villas @ Silver Creek							
Work Description : Solar Power (modular) Details							
Prepared By :-K.Purshotham							
Villa No	Name of the Purchaser (Unsold)	Stage of the Construction I III & IV	Solar Power to be provided Yes / No	PO Issued Yes / No	Solar power vendor Name	Solar Power Status Material Received /Not Received & Installed / Not Installed	Remarks
1	Depak Bujhang	Possession Given	Yes	Yes	Universal	Installed	-
2	Bheema rao	Possession Given	Yes	Yes	Premier	Installed	-
3	Kevin	Possession Given	Yes	Yes	Universal	Installed	-
4	Nardendar	Possession Given	Yes	Yes	Premier	Installed	-
5	Sridhar	Possession Given	No	-	-	-	Customer Cancelled
6	Rama Krishna	Possession Given	No	-	-	-	Customer Cancelled
7	Kamidi Jemmi	Possession Given	Yes	Yes	Premier	Installed	-
8	Sanjeev Kumar Nair	Possession Given	Yes	Yes	Sukam	Installed	-
9	Krishna	Possession Given	Yes	Yes	Universal	Installed	-
10	Mallikarjun	Possession Given	Yes	Yes	Universal	Installed	-
11	Praveen Tondon	Possession Given	Yes	Yes	Universal	Installed	-
12	Richa Kapoor	Possession Given	Yes	Yes	Universal	Installed	-
13	Sravan	IV	Yes	Yes	Sun power	Pending ✓	P.O no: 35017
14	Girish	II	Yes	No	-	Pending ✗	-
15	Sanjay.s.Nandagouda	Possession Given	Yes	Yes	Universal	Installed	-
16	Mortgaged	I	-	-	-	-	-
17	Mortgaged	I	-	-	-	-	-
18	Model Villa	Possession Given	Yes	Yes	Sukam	Installed	-
19	Satyanaryana	Possession Given	Yes	Yes	Premier	Installed	P.o no 21891
20	Rajkumar	Possession Given	Yes	Yes	Premier	Installed	P.o no 21891
21	Thangavel	Possession Given	Yes	Yes	Premier	Installed	-
22	T.Srinivas	Possession Given	Yes	Yes	Premier	Installed	-
23	C.R.S.Chakravarthi	Possession Given	No	-	-	-	Customer Cancelled
24	K.Naryana	Possession Given	No	-	-	-	Customer Cancelled
25	Nageswar rao	Possession Given	Yes	Yes	Premier	Installed	-
26	Srinath	Possession Given	Yes	Yes	Premier	Installed	-
27	Vishnu	Possession Given	Yes	Yes	Premier	Installed	-
28	Devaiah	I	Yes	No	-	Pending ✗	-
29	Prema Latha Tripathi	III	No	-	-	-	Customer Cancelled
30	Mathew Ninan	IV	Yes	Yes	Sun power	Pending ✓	P.O no: 35017
31	Kumar Gaurav ✓	III	Yes	No	-	- ✓	Required Urgently
32	Unsold	I	-	-	-	-	-
33	Swapna Niduguirthi	I	Yes	No	-	Pending ✓	-
34	G.Bhasker	Possession Given	Yes	Yes	Premier	Installed	-
35	Krishanthi	Possession Given	Yes	No	-	-	-
36	RamaKrishnan	Possession Given	Yes	No	-	-	-
37	Jagadish	Possession Given	Yes	Yes	Premier	Installed	P.o no 23976
38	Mandadi Prasad	Possession Given	Yes	Yes	Premier	Installed	P.o no 21891
39	Fayaz Kondagalu ✓	Possession Given	Yes	Yes	Titan	Installed	-
40	Gowri Shankar ✓	IV	Yes	No	-	Pending ✓	Required Urgently
41	Sheel Burgess	Possession Given	Yes	Yes	Sun Power Solar	Installed	-
42	Ramana Reddy	Possession Given	Yes	Yes	Premier	Installed	P.o no 21891
43	Srinivas	Possession Given	No	-	-	-	Custmer Cancelled
44	B.V. Naidu	Possession Given	Yes	Yes	Premier	Installed	P.o no 23976

Company Name : Mehta & Modi Homes				Date:- 26.04.16			
Project Name : Villas @ Silver Creek							
Work Description : Solar Water heaters Details							
Prepared By :-K.Purshotham							
Villa No	Name of the Purchaser (Unsold)	Stage of the Construction I III & IV	Water Heater to be provided Yes / No	PO Issued YES / NO	Water Heater Vendor Name	Status Material Received & Not Installed / Not Installed	Remarks
1	Depak Buihang	Possession Given	Yes	Yes	Universal	Installed	Material Used from V no 42 (P.O no 26355)
2	Bheema rao	Possession Given	Yes	Yes	Premier	Installed	-
3	Kevin	Possession Given	Yes	Yes	Universal	Installed	-
4	Nardendar	Possession Given	Yes	Yes	Premier	Installed	-
5	Sridhar	Possession Given	Yes	Yes	Universal	Installed	-
6	Rama Krishna	Possession Given	Yes	Yes	Universal	Installed	P.O No 25804
7	Kamidi Jenni	Possession Given	Yes	Yes	Premier	Installed	Required Urgently
8	Sanjeev Kumar Nair	Possession Given	Yes	No	-	-	-
9	Krishna	Possession Given	Yes	Yes	Universal	Installed	To be repaired
10	Malikarjun	Possession Given	Yes	Yes	Universal	Installed	-
11	Praveen Tondon	Possession Given	Yes	Yes	Universal	Installed	-
12	Richa Kapoor	Possession Given	Yes	Yes	Universal	Installed	-
13	Sruvan	IV	Yes	Yes	Sun power	Pending	P.O No:- 35017
14	Grish	II	Yes	No	-	Pending	-
15	Sanjay s Nandagouda	Possession Given	Yes	Yes	Universal	Installed	-
16	Mortagaged	I	-	-	-	-	-
17	Mortagaged	I	-	-	-	-	-
18	Model Villa	Possession Given	Yes	Yes	Radiant	Installed	P.O No 24138
19	Satyanyana	Possession Given	Yes	Yes	Premier	Installed	P.O No 24138
20	Rajkumar	Possession Given	Yes	Yes	Premier	Installed	Urgent required(P.o No 25963)
21	Thangavel	Possession Given	Yes	Yes	Universal	Installed	Urgent required(P.o No 25962)
22	T Srinivas	Possession Given	Yes	Yes	Universal	Installed	-
23	C.R.S.Chakravarthi	Possession Given	Yes	Yes	Universal	Installed	-
24	K.Naryana	Possession Given	Yes	Yes	Universal	Installed	Urgent required(P.O No 24713)
25	Nageswar rao	Possession Given	Yes	Yes	Universal	Installed	Urgent required(P.O No 24713)
26	Srinath	Possession Given	Yes	Yes	Universal	Installed	-
27	Vishnu	Possession Given	Yes	Yes	Universal	Installed	-
28	Devaiah	I	Yes	No	-	Pending	Customer Cancelled
29	Penna Latha Tripathi	III	No	No	-	Pending	P.O No:- 35017
30	Mathew Ninan	IV	Yes	Yes	Sun power	Pending	-
31	Kumar Gaurav	III	Yes	No	-	Pending	-
32	Unsold	I	-	-	-	-	-
33	Swappa Nidugurthi	I	Yes	No	-	Pending	-
34	G.Bhasker	Possession Given	Yes	Yes	Premier	Installed	-
35	Krishanthi	Possession Given	Yes	Yes	Universal	Installed	-
36	Ramakrishnan	Possession Given	Yes	Yes	Premier	Installed	-
37	Jagadish	Possession Given	Yes	Yes	-	-	-
38	Mandadi Prasad	Possession Given	Yes	Yes	Premier	Installed	-
39	Fayaz Kondagalu	Possession Given	Yes	Yes	Sun power	Pending	P.O No:- 35017
40	Gowri Shankar	Possession Given	Yes	No	-	Pending	-
41	Sheel Burgess	Possession Given	-	-	Sun power	Installed	-
42	Ramana Reddy	Possession Given	Yes	No	-	Pending	-
43	Srinivas	Possession Given	No	No	Universal	Installed	-
44	B.V.Naidu	Possession Given	Yes	Yes	Premier	Installed	-

File

To Mr Sir

Subj: Solar modules & solar heaters
mmH.

The above solar power

modules & solar water heaters are
pending with the minister. if it
under process of Govt power solar
in subsidy scheme.

enclosed po.

28/4/16
M J

Ask site to send req. Remadl.
after consulting
28/4/16
3

Work Order

From Company : **M/s Silver Oak Realty**
5-4-187/3 & 4, II nd floor, Soham mansion M.G Raod, Secenderabad.
T I N No. : 36840298894

Supplier Details		Doc No	35017	7059
Sunpower Solar Systems #9-127, Sri Gayatri Nagar, Jillelguda, Saroornagar(M), Hyderabad - 500 097 T.S. 9866324322		Doc Date	22-03-2016	
		Quote No	Nil	
		Quote Date	17-03-2016	
		SupplyType	Supply And Installation	

Kind Attn : **Mr. P. Purnachander**

Work Order for the Supply of following Items.

Item Name	Qty	Rate	Dis%	VAT%	Amount
1 4763 - Electrical - other - Solar module - Other - nos 1KW	2.00	68000.00	0.00	0.00	136000.00
2 5153 - Equipment - other - Solar Water Heater - 150 Ltrs - Nos ETC Model	3.00	16000.00	0.00	0.00	48000.00
Total Order Value . . .					184000.00

Rupees : One Lakh(s) Eighty Four Thousand Only.

Terms and Conditions :-

Specification / Brand	SI 1: Solar panel shall be of 'Photol' and inverter & Batteries shall be of 'HBL' brand. SI :02: 58 MM Dia 1800 legth with heat exhaust element.
Payment Terms	50% advance along with P.O. and balance 50% after delivery and completion of installation & commissioning.
Tax	All taxes included in above price.
Delivery Date	Within 15days.
Delivery Location	Villas At Silver Creek Sy. No. 74 & 75, Cherlapally, Hyd. Beside of Kingston PG college. Phone. Contact: 9502177288/9502266233
Penalty For Delay	Nil
Transportation Cost	Included in the above price.
Warranty	SI no: 1- 5 years on inverter, 5 years on Batteries & 25 years on Modules (Solar Panels).sl no:2 5 years service warranty
Advance Paid	Rs. 92,000/- vide cheque no. 000202, dtd. 21/03/2016 of HDFC bank.
Other Terms	We reserve the right to reject items not conforming to quality and specifications. Above order for Villa Nos:13,30 & 39 Solar Power system purpose. Documentation charges extra. @Rs. 3,000/-per each
Completion Date	Work shall be completed within 3 to 4days from the delivery of materials.
Measurment	Nil
Security	Supplier shall be responsible for security and storage of material at site at its risk and cost.

For **M/s Silver Oak Realty**

Authorised Signatory

Accepted the above Terms And Conditions

For **Sunpower Solar Systems**

Name : _____

Name : _____

Date : __/__/__

Note:-

4/9/15

Solar water heater and Solar Power.

Cancelled from Universal Fee and giving to Sunpower with discounted prices.

require Customers. id proof & residence proof for getting the subsidy. (Photo also).

Documentation Charges also negotiated from 5000 to 3000. we have to pay in cash.

Kindly look into this and approve it Sir

Bashkar
Purchaser



Solar panel

Villa no: 15

" : 03

" : 41

Solar W. Heater

Villa no: 41.

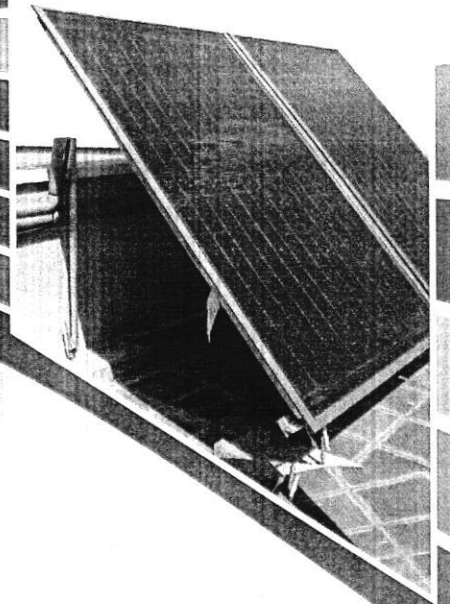
Prepared by :	Hari Babu				
Date:	20.08.15				
Comparative statement of Solar Panels(Modules) - Under sibsidy scheme					
Sl. No.	Item Description		Sunpower solar system	TVR Energy Systems	
	Our speciations	Subsidy Speciations	Rs	Rs	
	Solar panel(Modules)				
1	700 watts panel	1000 watts panel(250WP)	68,000.00	68,000.00	
2	2 KVA Invertor	1.2 KVA			
3	100 AH Batterys	24 300 AH			
4	With all Accessories	With all Accessories			
		Documentation	3000	3000	
			71,000/-	71,000/-	
	Taxes, Transportation,Installation included in the above prices				
			Warranty :		
			Batterys :	5 years	
			Invertor :	5 Years	
			panels :	25 years	
		Solar water heaters - 150 LPD			
	Specifications	58 mm dia 1800length ETC Model			
		Powder coating MS structure			
		Powder coating GI Tank	✓ 16,000.00	16,800.00	
		Heating element			
		All accessories			
		Warranty: 5 years			
		Taxes,Transport, Installation included			

Hari Babu
28/8/15

Solar Powered Villas

Villas@
Silver Creek

44 villas on 3 acres at Nagaram,
7km from ECIL, Hyderabad.



• FOR THE FIRST TIME IN HYDERABAD

- 3 Bed room duplex villas powered with solar panels and battery backup
- Power from mains shall be used as backup
- Low electricity bills
- 700 W solar panel - 10 years warranty *5 year*
- 48 ~~W~~ 100 AH battery backup - 3 years warranty *4 year*
- 2 KVA power conditioning unit (PCU) - 2 years warranty *5 year*
- Solar panel and battery backup extendable to 2,000 W
- 150 ltrs. solar water heater - 3 years warranty
- State of art technology from leading companies



SAVE THE EARTH ! GO GREEN !

- Reduce your carbon footprint
- Save on emissions of green house gases
- Save 1,000 kgs of CO₂ emissions per year
- Equivalent to planting about 40 trees
- Renewable energy generated per annum 1,250 units
- As per norms of Ministry of New and Renewal Energy, Government of India



MODI
PROPERTIES &
INVESTMENTS PVT. LTD.

email: info@modiproperties.com

CHAT
LIVE

24/7@

www.modiproperties.com

Call :

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Jagdish : +91-92463 48823

*Terms & Conditions apply

NOTE: 1. Solar panels, PCU and batteries along with solar water heater are being provided free of cost. Warranty & service from third party vendors 2. Heavy appliances like air conditioners, microwave ovens, washing machine etc., shall be excluded from solar powered circuit 3. It is estimated that solar power will provide 70% to 90% of annual power requirement 4. Efficient fans (5 star rated) and lighting (CFL / LED) lights must be used 5. Modi Properties reserves rights to make alterations or withdraw this offer without prior notice 6. Other terms and conditions shall apply



Telangana New & Renewable Energy Development Corporation Ltd.

(A State Govt. Company)

5-8-207/2, Pishah Complex, Nampally Hyderabad - 500 001, India.

Tel: Off: 040- 23202391 / 23203376 / 23203638 . Fax: 040- 23201666

Email: info@nedcap.gov.in Website: www.nedcap.gov.in

Ref No: TNREDCL/SE/SPV Off-Grid /1KWp/2015/

Date: 11.06.2015

Circular

Sub: Telangana State – Implementation of 1 Kwp Solar Power packs for **individuals** in Telangana state
– 2014-15 – Revised Guidelines – Issued - Regarding.

Ref: 1) MNRE Lr. sanction order no. 32/2/2013-14/pvse (part-I) Dt. 05/03/2014
2) HO circular NO NREDCAP/SE/SPV Off-Grid /1KWp/2014/ Date: 19-11-2014
3) Technical committee meeting on 07.04.2015 H.O, Hyderabad.
4) Irno 32/2/2013-14/PVSE(Part-1) Date:29.5.2015 from MNRE

In continuation to the circular cited and further developments on installation of 1 Kwp off grid solar power packs for individuals, it was advised by MNRE through the reference 4th cited, that the programme to be taken as per the bids opened during the month of November 2014 and extension of the project is also given up to 31st December 2015. **Hence it is decided to implement the programme with batteries of 2 Volts cells only.** The unit cost of the system with 2V cell batteries are as detailed below.

Sl NO	Model/Capacity	Unit Cost (Rs)	MNRE Subsidy (Rs)	Telangana State Government Subsidy	Balance amount (Rs) to be collected from Beneficiary
1	Installation of 1 Kwp capacity solar power plant as per the scope of works (encl) with Tubular Gel batteries with 2v cells only.	Rs1,58,000/-	Rs 45,000/-	Rs.45,000/-	Rs68,000/- , ✓
2	Installation of 1 KWp capacity solar power plant as per the scope of works (encl) with Tubular LM-A batteries with 2v cells only.	Rs1,57,815/-	Rs 45,000/-	Rs 45,000/-	Rs57,815/- ✓

Further, it is to inform that the following decisions have been taken for smooth implementation of the project:

- The beneficiary contribution shall be collected by the suppliers/installer through **cheque/DD** only and it should be ensured that the Cheque details should be mentioned in the invoice of the supplier.
- The program is meant only for installation in the individual households, Hence any Institutions private or Govt. or Charitable cannot be covered under this scheme.
- Only one system shall be installed for one beneficiary, based on their electrical connection (SC No), multiple systems can also be installed for different families residing in the same building / premises having separate electrical connections.
- For installations in the Apartments system cannot be installed for common lighting purpose. Further for the installations in the individual flats for the Apartments, NOC from the Apartments Association has to be submitted along with the application.
- For installations in the Residents in small/mini poultries/diaries shall be allowed only if the electrical connection (SC No) is on the Individual name only.
- **During the inspection of the systems the inspecting officers of TNREDCL are to verify the invoice/delivery challans issued by the battery manufacturers with the serial No's on the batteries and the same shall be ensured by the DM.**
- In order to achieve the target sanctioned by MNRE all the approved suppliers will be permitted to install the systems in any districts.
- As per Director MNRE instructions, along with the project completion report in MNRE format and photographs of the system covering SPV modules, Battery Bank, Inverter & beneficiary of the system installed along with inspecting officer with the invoice of the company duly showing the details of MNRE/ state subsidy deducted should be enclosed.
- To send claims to H.O on weekly basis for reimbursement/ release of subsidy.

The Dist Managers are advised to follow the above guide lines in strict compliance and take immediate action for effective implementation of the programme.

Sd/- on 11.06.2015

V C & MANAGING DIRECTOR

Encl: as above

To

All District Managers (RE), TNREDCL, Telangana State.

Copy to: Finance & Accts section at HO.

TVR ENERGY SYSTEMS approved by TNREDCL-1 KW OF GRID

150 Wp	04 Nos
2V 300 Ah Batteries LMLA Batteries approved by MNRE	12 Nos
24V 1200W MPPT Inverter	01 Nos
MMS	1 Qty
Cables	2 Qty

Calculation of Details of EMI-24 Months-Loan Amount = 80K

Months	EMI	Interest	Principal Amount	OST Principal
0				80000
1	3,692	667	3025	76975
2	3,692	641	3050	73925
3	3,692	616	3076	70849
4	3,692	590	3101	67748
5	3,692	565	3127	64621
6	3,692	539	3153	61468
7	3,692	512	3179	58289
8	3,692	486	3206	55083
9	3,692	459	3233	51850
10	3,692	432	3260	48591
11	3,692	405	3287	45304
12	3,692	378	3314	41990
13	3,692	350	3342	38648
14	3,692	322	3370	35279
15	3,692	294	3398	31881
16	3,692	266	3426	28455
17	3,692	237	3454	25001
18	3,692	208	3483	21518
19	3,692	179	3512	18005
20	3,692	150	3542	14464
21	3,692	121	3571	10893
22	3,692	91	3601	7292
23	3,692	61	3631	3661
24	3,692	31	3661	0

Calculation of Details of EMI-36 Months-Loan Amount = 80K

Months	EMI	Interest	Principal Amount	OST Principal
0				80000
1	2,581	667	1915	78085
2	2,581	651	1931	76155
3	2,581	635	1947	74208
4	2,581	618	1963	72245
5	2,581	602	1979	70266
6	2,581	586	1996	68270
7	2,581	569	2012	66257
8	2,581	552	2029	64228
9	2,581	535	2046	62182
10	2,581	518	2063	60119
11	2,581	501	2080	58038
12	2,581	484	2098	55941
13	2,581	466	2115	53825
14	2,581	449	2133	51693
15	2,581	431	2151	49542
16	2,581	413	2169	47373
17	2,581	395	2187	45187
18	2,581	377	2205	42982
19	2,581	358	2223	40759
20	2,581	340	2242	38517
21	2,581	321	2260	36257
22	2,581	302	2279	33977
23	2,581	283	2298	31679
24	2,581	264	2317	29362
25	2,581	245	2337	27025
26	2,581	225	2356	24669
27	2,581	206	2376	22293
28	2,581	186	2396	19898
29	2,581	166	2416	17482
30	2,581	146	2436	15046
31	2,581	125	2456	12590
32	2,581	105	2476	10114
33	2,581	84	2497	7617
34	2,581	63	2518	5099
35	2,581	42	2539	2560
36	2,581	21	2560	0



TVRES/MKTG/TN/0139/2015-16

DATE: 27-07- 2015

“Independence power Needs” to for all

**Proposal for Solar Power Pack
For Power Requirement of Bank
As Solar Power Systems**



Prepared by:

M/s. TVR ENERGY SYSTEMS,

Regd.Off: vivek nagar, chikkadpally, Opp: Sriram chits
Hyderabad-500027, Telangana State, India,
Ph:9533037888,Email:tvrenergysystems@yahoo.com

*Hindustan
Address
MNRE
Ministry of new renewable
Energy*



To,
MODI Properties&Investments Pvt Ltd,
MG Road,
Secendrabad.

Kind Attn:Mr.G.Hari Babu(Asst.Manager,Purchase),
PH:9502277533.

Sub: Supply, Installation and commissioning of 1 kw Solar Power Pack System OFF GRID -reg.

COMMERCIAL OFFER: 1 kw

TECHNICAL DETAILS		
SI.NO	PARTICULARS	DETAILS
1	PROJECT CAPACITY IN KW	1
2	SYSTEM POWER GENERATION AVG PER DAY IN KWH	4.5
3	SYSTEM POWER GENERATION AVG PER MONTH IN KWH	135
COMMERCIAL OFFER		
SI.NO	PARTICULARS	AMOUNT IN RS
1	TOTAL PRICE	157815.00
2	GOVT SUBSIDY	90000.00
3	TOTAL PROJECT COST	67815.00

BRANDS WITH SPEC

SI.NO	PARTICULARS	MAKE	QTY
1	1.2 KVA SOLAR HYBRID INVERTER	VISPRO/HBL	1 UNIT
2	SOLAR PV MADULE250 WP 24 VOLTS	HBL/ACCESS/JUNNA/SSPL/VIKRAM/WAREE	4 NOS
3	TUBULAR BATTERY 2 V 300 AH	HBL/GOWELL/ACCUMALATOR/MNRE APPROVED	12 NOS
4	STRUCTURE	GALVANISED	1 SET
5	CABLES	AS PER ISI NORMS(PHINOLEX/HAVELLS,ETC...)	10 MTRS

CUSTOMER SCOPE OF WORK

1. CIVIL WORK,
2. INTERNAL WIRING,
- 3.AC DB MCB BOX WITH 3 MCBS.

WARRENTY

5 YEARS ENTIRE SYSTEM



Introduction

The Energy Scenario:

Energy is the vital input for all round development.

We should be proud of the achievements of our country in this direction as successively from the beginning of this century efforts have been made to produce electricity through Hydro, Thermal and Nuclear generating systems. In recent years vast grids have been created to pool in this energy and distribute evenly throughout the country. But despite these efforts for which heavy investment has been made, due to sheer vastness of this country and its requirement for energy, we are still passing through enormous shortages. Consumption demand far exceeds the supply capacities and the demand is growing rapidly with increase of industrial and agricultural activities. It is imperative to increase power generation capacities. And it has to be in a planned way taking into consideration both the initial and long term cost effectiveness as well as the merits and limitations of different methods. We have learnt a lot through our experience of the last eight to ten decades of power generation and distribution. It is now acknowledged that nuclear and Hydro electric power are the cheapest to produce and both have still vast potential for further expansion. But both have some limitations like high incidence of transmission loss and high cost of transmission infrastructure. The nuclear power generation in particular has further limitation of the general perception of that being environmentally hazardous. The thermal generation has transmission problems as of its environmental effects. Besides, the fossil fuel used for thermal generation is getting depleted fast and getting costlier day by day. Further, both thermal and nuclear systems generate environmentally harmful effects. More investment on these simply means paying high cost for introduction greater environmental hazards. These are problems being faced not only in India but globally. Throughout the world the energy planners and the environmentalists agreed upon that it would be suicidal for humanity to continue the present conventional energy generation methods and we should opt for a variety of environmentally friendly and renewable energy sources have agreed it upon. Looking from practicability and economic angles, it has now been realized that the exploitation of renewable energy sources too. Use of Solar energy can save the scarce and fast depleting conventional energy resources such as coal, gas and oil.

Sun is the source of all energy. Can we think of using the solar energy directly? Yes, we have a technology, the Solar Photovoltaic's (PV).

Roof Top SPV Systems:

Several cities and towns in the country are experiencing a substantial growth in their peak electricity demand. Municipal Corporations and the electricity utilities are finding it difficult to cope with this rapid rise in demand and as a result most of the cities/towns are facing severe electricity shortages. Various industries and commercial establishments e.g. Malls, Hotels, Hospitals, Nursing homes etc housing complexes developed by the builders and developers in cities and towns use diesel generators for back-up power even during the day time. These generators capacities vary from a few kilowatts to a couple of MWs. Generally, in a single establishment more than one generators are installed; one to cater the minimum load required for lighting and computer/ other emergency operations during load shedding and the others for running ACs and other operations such as lifts/ other power applications.

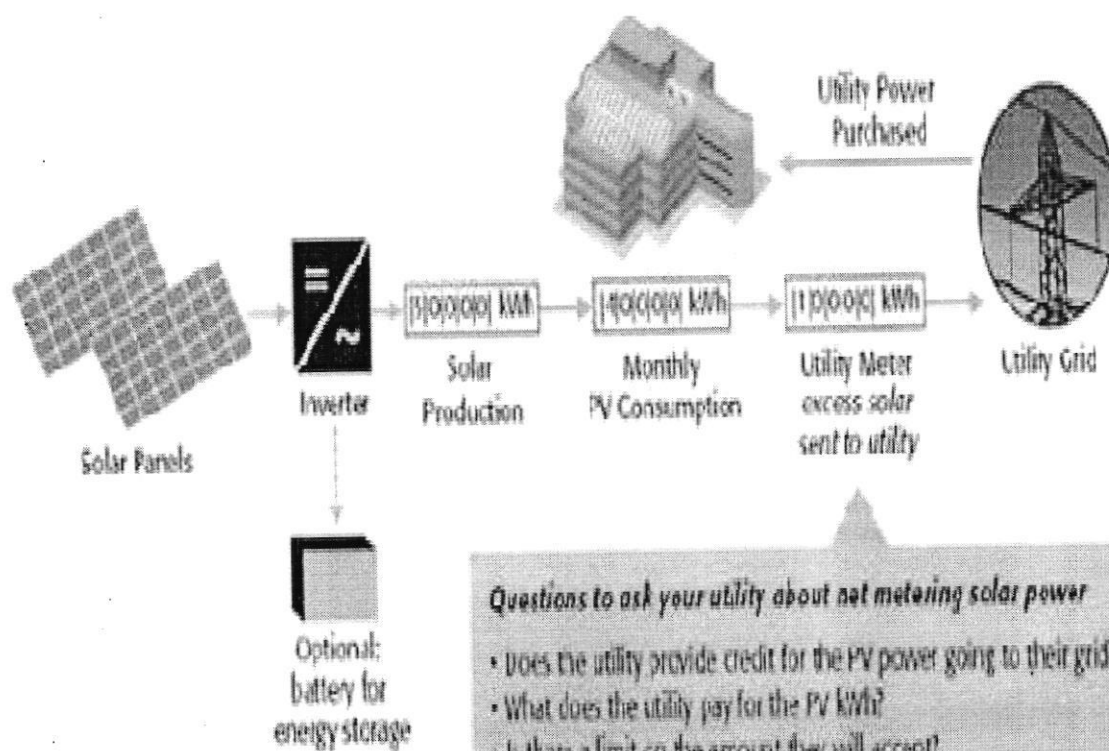


With an objective to reduce dependency on diesel gen sets, a scheme to replace them with SPV is being proposed. Further, in order to utilize the existing roof space of buildings, the scheme proposes to promote roof-top SPV systems on buildings to replace DG gen sets installed for minimum load requirement for operation during load shedding. These loads are generally varying between 25 kW to 100 kW or so.

A roof top SPV system could be with or without grid interaction. In grid interaction system, the DC power generated from SPV panels is converted to AC power using power conditioning unit and is fed to the grid either of 11 KV three phase line or of 220V single phase line depending on the system installed at institution/commercial establishment or residential complex. They generate power during the daytime which is utilized fully by powering the captive loads and feeding excess power to the grid as long as grid is available. In cases, where solar power is not sufficient due to cloud cover etc. The captive loads are served by drawing power from the grid. The grid- interactive rooftop SPV systems thus work on net metering basis wherein the beneficiary pays to the utility on net meter reading basis only. Ideally, grid interactive systems do not require battery backup as the grid acts as the back-up for feeding excess solar power and viceversa. However, to enhance the performance reliability of the overall systems, a minimum battery-back of one hr of load capacity is strongly recommended. In grid interactive systems, it has to be ensured that in case the grid fails, the solar power has to be fully utilized or stopped immediately feeding to the grid (if any in excess) so as to safe-guard any grid person/technician from getting shock (electrocuted) while working on the grid for maintenance etc.

This feature is termed as 'Islanding Protection' Non-grid interactive systems ideally require a full load capacity battery power back up system. However, with the introduction of advanced load management and power conditioning systems, and safety mechanisms, it is possible to segregate the day-time loads to be served directly by solar power without necessarily going through the battery back-up. As in the previous case of grid-interactive systems, minimum one hour of battery back-up is, however, strongly recommended for these systems also to enhance the performance reliability of the systems. The non-grid interactive system with minimum battery back are viable only at places where normal power is not available during daytime. In case the SPV power is to be used after sunshine hours, it would require full load capacity battery back up which will increase the cost of system which may not be economically viable even with support from Government

How Net Metering Works with Solar



Questions to ask your utility about net metering solar power

- Does the utility provide credit for the PV power going to their grid?
- What does the utility pay for the PV kWh?
- Is there a limit on the amount they will accept?
- Can you carry credit over from one billing cycle to the next?

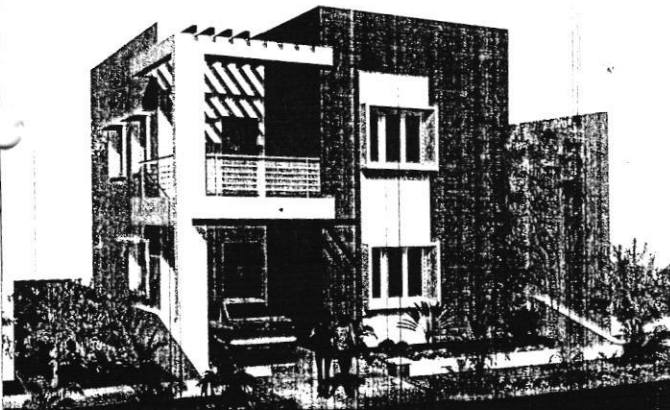
Solar Powered Villas

Villas@
Silver Creek

44 villas on 3 acres at Nagaram,
7km from ECIL, Hyderabad.

FOR THE FIRST TIME IN HYDERABAD

- 3 Bed room duplex villas powered with solar panels and battery backup
- Power from mains shall be used as backup
- Low electricity bills
- 700 W solar panel - 10 years warranty (250/3)
- 48 W - 100 AH battery backup - 3 years warranty
- 2 KVA power conditioning unit (PCU)- 2 years warranty
- Solar panel and battery backup extendable to 2,000 W
- 150 ltrs. solar water heater - 3 years warranty
- State of art technology from leading companies



SAVE THE EARTH ! GO GREEN !

- Reduce your carbon footprint
- Save on emissions of green house gases
- Save 1,000 kgs of CO₂ emissions per year
- Equivalent to planting about 40 trees
- Renewable energy generated per annum 1,250 units
- As per norms of Ministry of New and Renewal Energy, Government of India



MODI
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Jagdish : +91-92463 48823

*Terms & Conditions apply

NOTE: 1. Solar panels, PCU and batteries along with solar water heater are being provided free of cost. Warranty & service from third party vendors 2. Heavy appliances like air conditioners, microwave ovens, washing machine etc., shall be excluded from solar powered circuit 3. It is estimated that solar power will provide 70% to 90% of annual power requirement 4. Efficient fans (5 star rated) and lighting (CFL / LED) lights must be used 5. Modi Properties reserves rights to make alterations or withdraw this offer without prior notice 6. Other terms and conditions shall apply