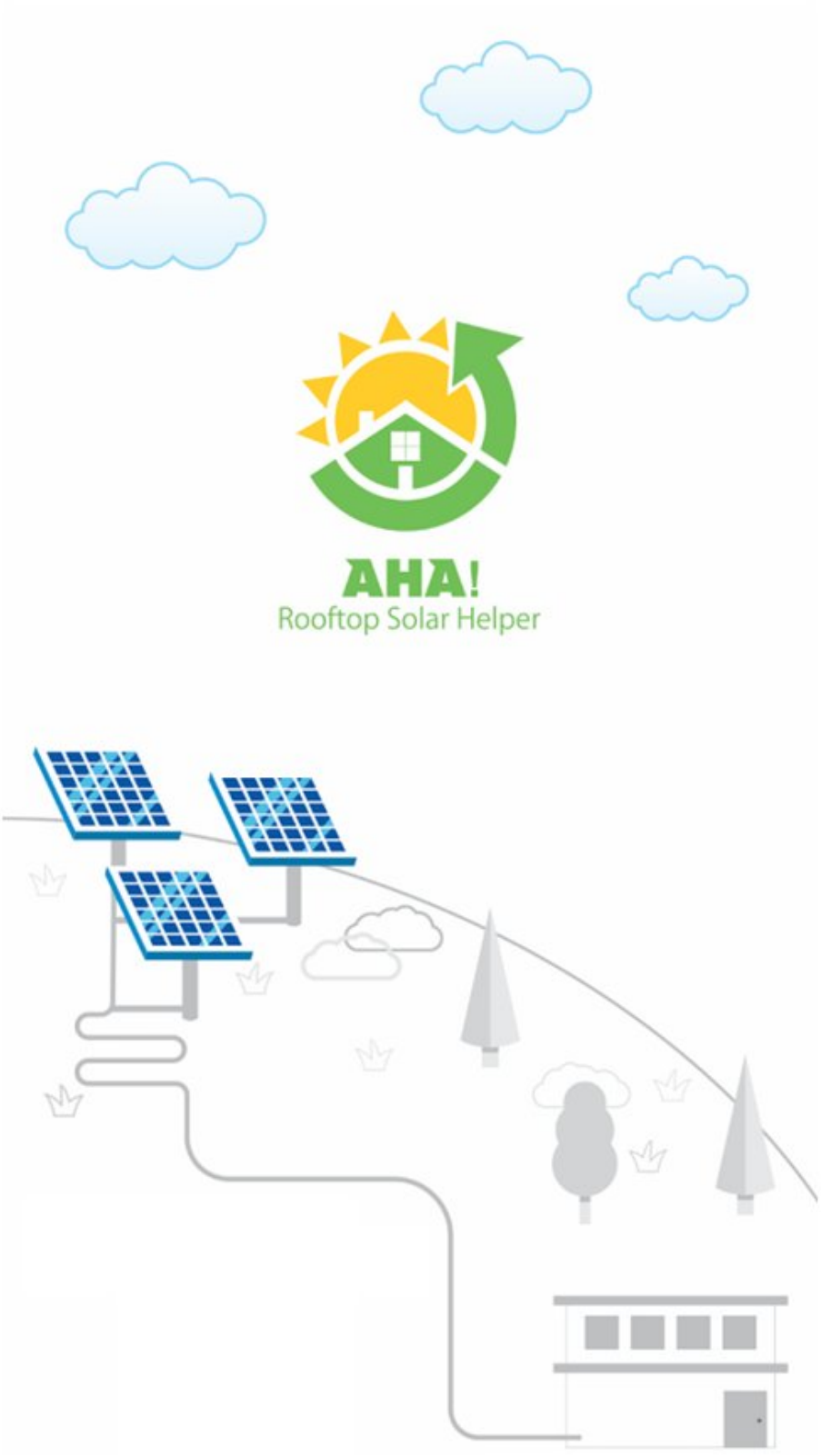
Date:04/06/2016

Report No.AGJ000515

Project Summary Report for 0 KW Rooftop Solar PV System at Sector 20,Gandhinagar,Gujarat,India, Gandhinagar, Gujarat



Introduction of AHA! App

AHA Solar Rooftop Helper App(AHA!) and the Website offers solar power estimation with approximate cost, applicable government incentives, finances, and information about your nearby Solar PV Rooftop Installers (the “Installer”). The app is availableon various platforms like android, iOS and Windows across several cities in India and also provides project management tool for Installers to carry out feasibility studies, site surveys, design and preparation of techno-commercial proposals for their customers. We offer a common platform for end consumers and Solar PV Installers to become a part of the solar revolution.

About Company & Team

At AHA! wearea team of dedicated professionals passionate about bringing a revolution in the solar energy sector of India. With entrepreneurial talent from diverse technical and management backgrounds,we bring diverse expertise encompassing all aspects of Solar PV industry. Our salient skills are tech knowhow, marketanalysis and understanding along with suggestions for financing projects in the Indian scenario.

AHA! tracks the Solar PV market on real-time basis with its extensive and active network thus connecting you to industry experts, government officials and policy makers. AHA! is knowledge-driven, analytical in approach and believes in output-oriented approach in all processes. This reflects in the tools we use for calculating solar capacity on rooftop, building bridges between installers and end customers.

Lastly, along with providing project management and strategic planning services we also strive to provide a transparent and reliable service.

Further, we intend to provide complete solar solutions platform to residential, commercial and industrial establishments. Weemphasize on customized solutions in the Indian solar rooftop space as the solution for reducing power costs alongwith the benefit of promoting clean energy.

Input by the User

Input by Riya
Type of Customer
Residental
Average Energy Consumption
900 kW
Average Monthly Bill
Rs.5000 per month
Type of Back-up power used
Inverter
Back-up Usage (if applicable)
3 hours per day

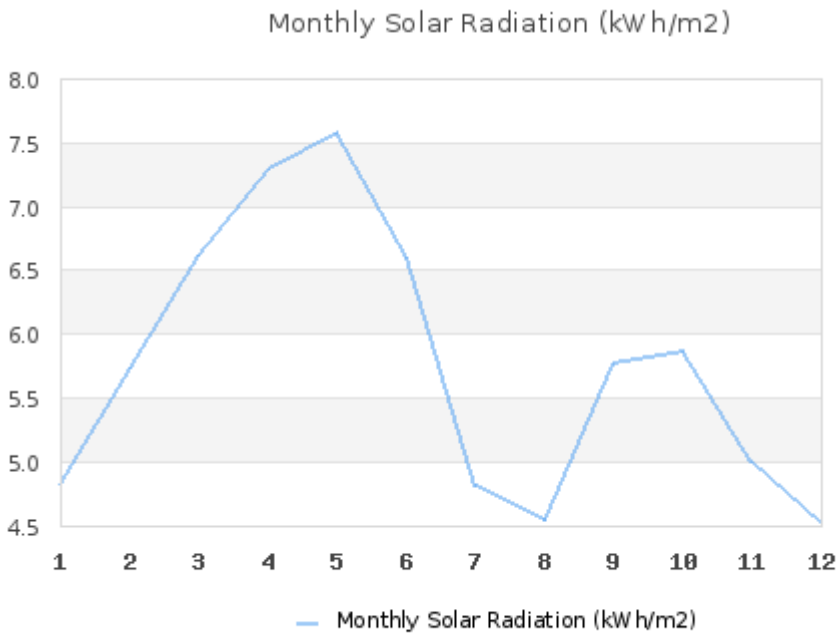
Assumptions

Performance Parameter
Operation and Maintenance Cost
0% of Asset Value
Operation and Maintenance Cost
0% annually
Annual Performance Deration
0% per year

Financial Parameter
Debt
0%
Insurance Cost
0% of Project Cost
Depreciation
First 10 years– 0%
Next 15 years – 0%
Accelerated Depreciation* (if applicable)
0%
Corporate Tax (if applicable)
0%

* Note: Accelerated Depreciation is applicable for the solar PV systems of 500 kW and abovein Industrial and commercial segments.

Average Yearly Radiation For[1]



QUARTER 1

17.17 kWh/m^2

QUARTER 2

21.46 kWh/m^2

QUARTER 3

15.11 kWh/m^2

QUARTER 4

15.36 kWh/m^2

Results

Sr.	Particulars	Units	Recommended by AHA!	Maximum Value
A.	Recommended Capacity	kW	4	"No. from the App"
B.	Estimated Cost	Rs.	3.20	"No. from the App"
C.	Subsidy	Rs.	2.04	"No. from the App"
D.	Cost of Solar Energy	Rs.	8.74	"No. from the App"
E.	Payback	Rs.	12.94	"No. from the App"
F.	Savings	Rs./yr	2753.94	"No. from the App"
G.	Total Subsidy	Rs/kW	--	"No. from the App"

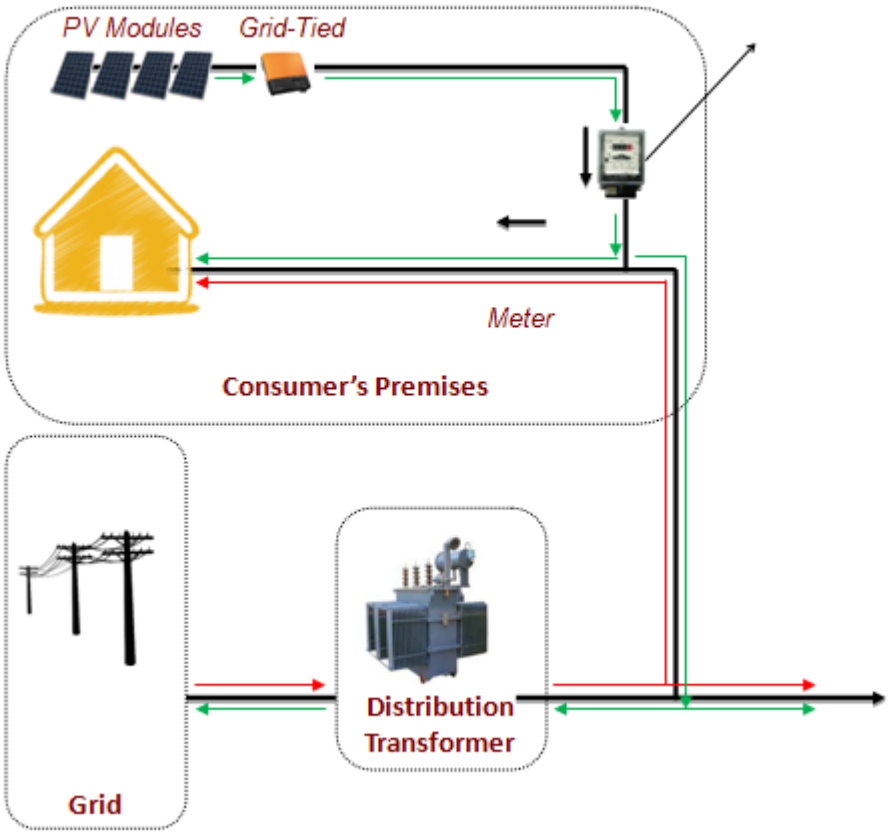
Graph to show that what percentage is recommended of maximum value

[1] Numbers written in Quarter are variable and will change in all the reports: Reference Formula

System specification

a. Solar PV Module Capacity: 4000 nos.
b. Inverter Capacity : 4 kW
c. Default Angle: 23

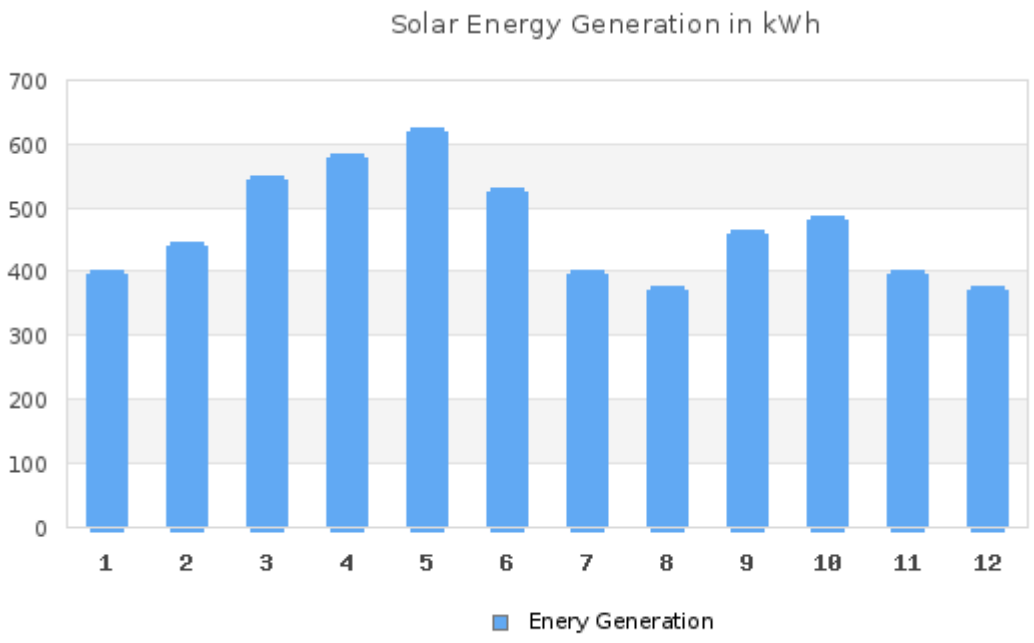
Typical Grid-Connected l Solar PV System



Sr.	Month	Energy Generated	Saving
		kWh	In Rs
1.	January	394.07	-
2.	February	439.31	-
3.	March	541.73	-
4.	April	577.68	-
5.	May	619.52	-
6.	June	522.57	-
7.	July	393.51	-
8.	August	370.87	-
9.	September	456.64	-
10.	October	479.28	-
11.	November	396.02	-
12.	December	368.60	-
	Annual	5559.80	

The recommended size of the rooftop solar PV system will cover 53% of your electricity usage.

Energy Generation Graph for Recommended Value



Environment Benefits

Co_2 Avoided equals	2.41	Tons of Carben Annually
Nos. of trees	4	Trees Planted for Life of Tree
		
Cars off the Road	0	Cars Taken off the Road For One Year
Energy Oil Equivalent Saved	948	Litres of Oil per year
		
Average Home Powered	0	Homes Poweredfor One Year

Installers Contacted

Installer 1	:	Aditi Solar Pvt. Ltd. Plot No. 17, ALEAP Industrial Estate Gajula Ramaram, Quthbullapur (M) R.R Hyderabad, Andhra Pradesh.
Installer 2	:	Aditi Solar Pvt. Ltd. Plot No. 17, ALEAP Industrial Estate Gajula Ramaram, Quthbullapur (M) R.R Hyderabad, Andhra Pradesh.
Installer 3	:	Arunodaya Power Projects Pvt. Ltd. H.No. 2-2-1130, Jamalpuram Enclave, flat no. 201, Nallakunta Hyderabad, Thermax. 9346599062
Installer 4	:	Bluefields Energy Pvt. Ltd. Plot No. 409, Road No. 81, Phase-3, Jubilee Hills Hyderabad, Andhra Pradesh. 9494948294

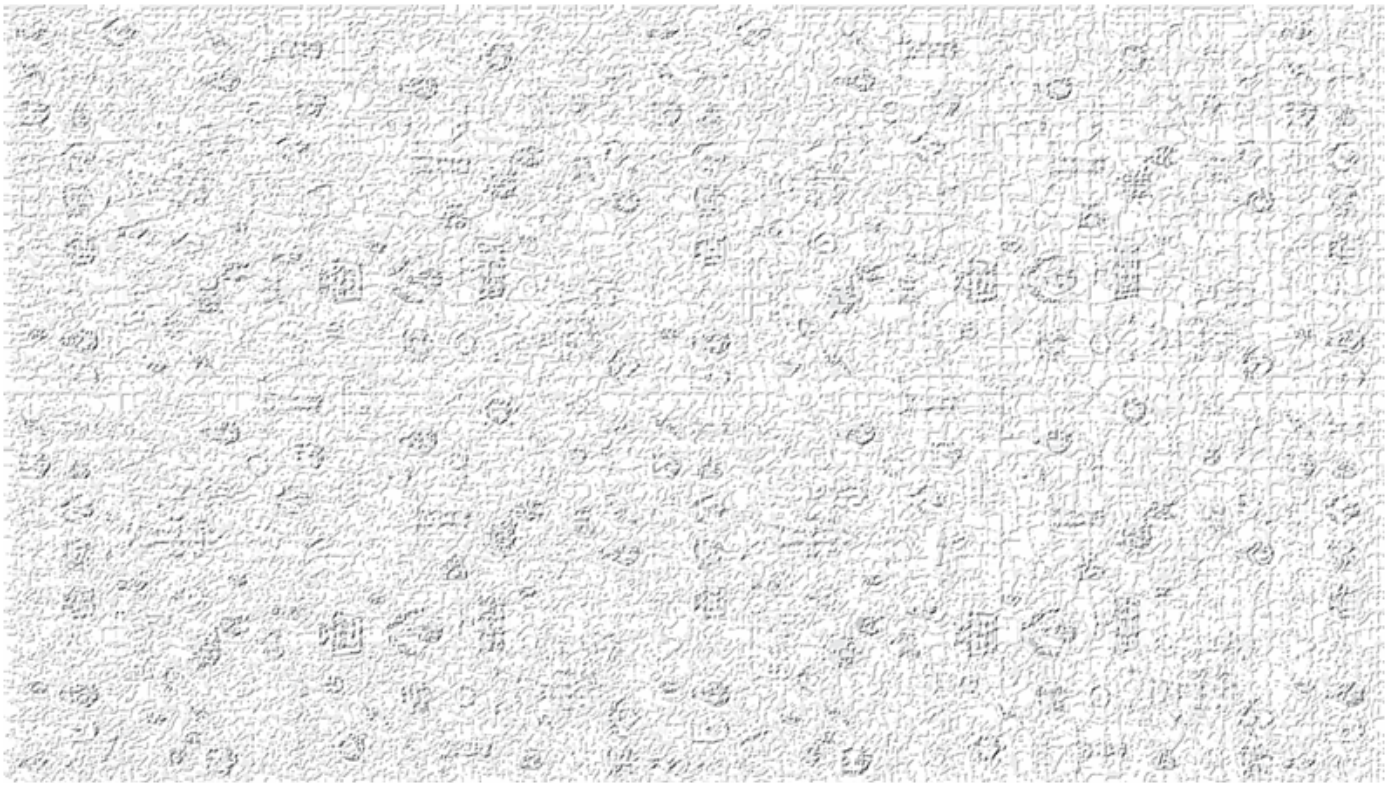
Installer 5	:	Cirus Solar systems 3rd Floor, Block No. 127/128, Lakeview Plaza, Madhapur Hyderabad, Andhra Pradesh. 8008100139
Installer 6	:	Cyber Motion Technologies Pvt. Ltd. #235, Road No. 14, Banjara Hills Hyderabad, Andhra Pradesh. 040-66666653/54 Fax: 040-66666624
Installer 7	:	HCD Solar Solutions Pvt. Ltd. 5th Floor, Vijai Electronics, Rajbhavan Road Hyderabad, Andhra Pradesh. 040-23394959 Fax: 040-23398204
Installer 8	:	Instruments Techniques Pvt. Ltd. B-2, Co-operative Industrial Estate, Balanagar Hyderabad, Andhra Pradesh. 040-23774102 Fax: 040-23774386
Installer 9	:	IntelliDecs Power 8-2-120/76, Plot No. 89, Road No. 2, Banjara Hills Hyderabad, Andhra Pradesh. 040-45678899 Fax: 040-45678880
Installer 10	:	Sprien Systems Bopal Ahmedabd Ahmedabad, Gujarat.
Installer 11	:	True Solar Limited. New Ranip Ahmedabad, Gujarat.

Summary

The recommended rooftop solar PV system (RSPVS) as per your requirement is 4 kW. The capacity is determined considering your electricity usage, relevant policy and regulations of your State Government, Government of India and the inputs given by you.

An approximate cost of the RSPVS will be around Rs. 16,50,000 /- to Rs. 20,00,000/- with a payback of 7.5 yearsconsidering subsidy and 8.5 years without subsidy. You are eligible for a subsidy 30% on capital cost of RSPVS from Government of India and 10% on the capital cost of the RSPVS from the state government.

If you are a profit making Company then you can also avail benefit of 80% Accelerated Depreciation for your RSPVs of above 500 kW. This is applicable only for Industrial or Commercial User.



Powered By

Knowledge Partner

AHA Rooftop Solar Helper
First Floor, 23 Bougainvillea Marg, DLF Phase 2, Gurgaon - 122 008, Haryana, INDIA
Phone: +91 997 446 2506 ; Email: info@ahasolar.in
Website: www.ahasolar.in