

5 KW

For
Yasir Arfat

On-Grid Solar Proposal
Residential

Valid till: 7th March 2026



Umar Solar Services

Nanded, Maharashtra

We at Umar Solar Services MSEDCL and MNRE Authorised Solar Vendor for PM Suryaghar Muft Bijli Yojna, have Expertise and experience in Solar Rooftop Design and installation for the last 5 years.

we have many satisfied Clients from all Over Maharashtra viz Nanded, Purna, Parbhani Latur, Satara, Hingoli, Mahur, and GangaKher who reduced their light bills after the installation of Rooftop Solar.

Services Offered:

Turnkey Project / EPC

Design and Engineering.

Installation & Commissioning.

Project Consulting.

Project Site Summary

Project Capacity	5 KW
Project Type	On-Grid, Rooftop
Project Class	Residential
DISCOM	MSEDCL

System Cost Summary

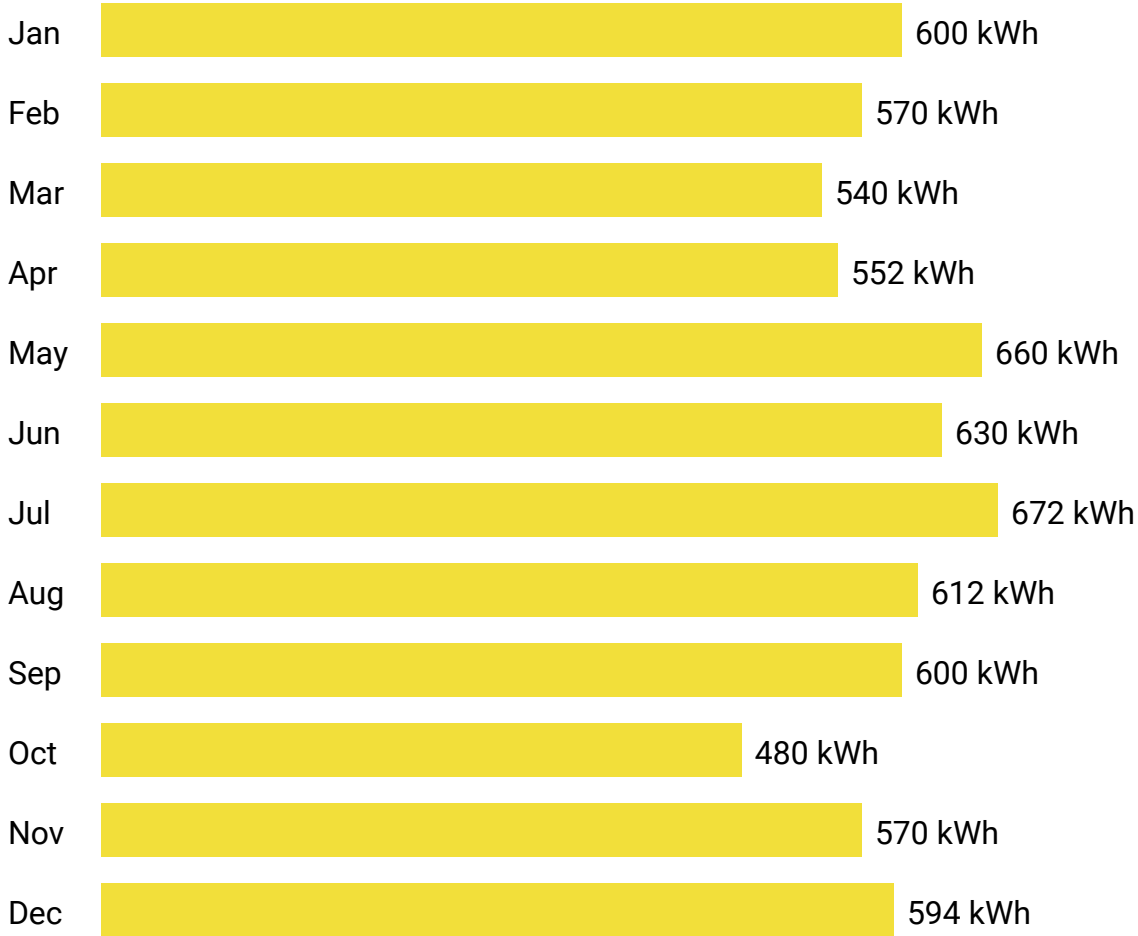
System Cost	₹ 300000
Taxes	Inclusive
Net Metering DISCOM	Inclusive
Elevated Structure	₹ 0
Total Project Cost	₹ 300000
Central Subsidy	₹ 78000
Effective Project Cost	₹ 222000

Payback Analysis

Avg. Tarrif Rate	₹ 14
Avg. Generation / Yr	7300 kWh
Avg. Annual Savings	₹ 102200
Payback Years	2.9 Years
Payback Years (Applied Subsidy)	2.2 Years

The calculation shown above for payback analysis calculation is based current tarrif rate and predicted annual generation. Generation may vary from location to location that may depend on the irradiation and product components used in the system.

Annual Generation



Environmental Impact



Carbon Dioxide Offset
140 Tons



Equivalent Trees Planted
225 Trees

The calculation shown above for annual generation, carbon dioxide offset and equivalent teak trees planted in lifetime is indicative in nature. Generation may vary from location to location that may depend on the irradiation and product components used in the system.

Solar Modules

580Wp ToCon Bifacial DCR - Brand XYZ -9 No.

Solar Inverter

5.4kW 1Ph On-Grid inverter -Brand -XYZ - 1 No.

Cables

DC Cable- 4sqmm (PolyCab) -Upto 80m

AC Cable 4sqmmx4Core Copper Multistrand (Polyguard)
-Upto 30m

Earthing Cable 4sqmm Copper Multistrand (RR/Suzuki) -
Upto 90m

Lightening Arrestor Cable 16sqmm Premium Aluminum
Down Conductor(Jacson/Kenbary) -Upto 50m

Structure

GI Square Pipes 7feet elevated 19degree tilt, with extra
layer of silver paint Asian/Burger (2.5x2.5inch,2mm 22kg
pipes for poles Rafter, 2x2inch 2mm 18kg for Truss and
1.5x1.5 14kg Purlin 2x1,1.8mm 10kg for walkway and
Bracing and Ladder) -As Required

CC Footing M20 Grade Circular400x400x300mm -6

BOS

ACDB 32A 3ph(Havells MCB Finder SPD Polycab Wires
Inside) -1

DCDB 1in1out 600V (Havells Fuse Finder SPD Polycab
Wires Inside) -1

Earthing (AC , DC and Lightening Arrestor) -3

3ph Net and Generation Meters set 10-40A (L&T/Secure)
-1 set

All Wires Through Conduit Pipes(Pressfit/Greatwhite) -As
Required

Earthing Electrodes 17.2mmx1meter Copper Bounded
Pad Type -3

Lightening Arrestor Heavy- Conventional 14mmx1mm
Premium 5 spikes -1

System Warranty	5 years
Modules -Power	5.22kW
Modules -Product	XYZ Brand TopCon Bifacial DCR - 12+30years Warranty
Inverter	XYZ Brand- 8years/10 years
Structure	GI- Brand - APL Apollo/ Fortune
BOS	All Branded

Payment Terms

1. 30% Advance at booking.
2. 60% After Structure Mounting.
3. 10% Before Meter Replacement.
4. No Discount request will be accepted during last payment time.
5. If Amount if above 2Lakh 70% amount to be paid Online in account/ via cheque.
6. Subsidy will be credited to directly customers Bank Account, first need to give full payment to the vendor.
7. In case of delayed payment beyond 21days after completion of our scope, we reserve the right to pursue recovery of dues through a lawyer's notice and/or file a complaint with the appropriate consumer court, as per the terms of this agreement.

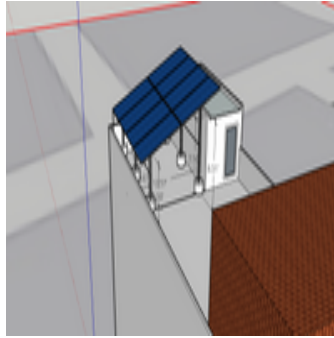
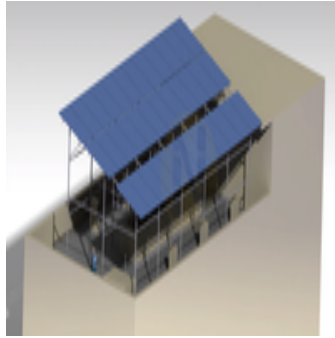
Terms & Conditions

1. Load Extension Deposits extra at actual. Name change Charges Extra if any at actual
2. Installation Warranty: Vendor warrants that all installations shall be free from workmanship defects or BOS defects for a period of three years from the date of installation of the RTS System. The warranty is limited to Vendor rectifying the workmanship or BOS defects at Vendor's expense in respect of those defects reported by the Applicant, in writing. The Applicant is obliged and liable to report such defects within 15 (fifteen) days of occurrence of such defect.
3. Exceptions for warranty: (a) Any attempt by any person other than Vendor or its Authorized Persons to adjust, modify, repair or provide maintenance to the RTS System, shall disentitle the Applicant of the warranty provided by Vendor hereunder. (b) Vendor shall not be liable for any degeneration or damage to the RTS System due to any action or inaction on the part of the Applicant. (c) Vendor shall not be bound or obliged to remedy any damage, fault, failure or malfunction of the RTS System owing to external causes, including but not limited to accidents, misuse, neglect, if usage and/or storage and/or installation are non-conformant with the product instructions, modifications by the Applicant leading to shading or accessibility issues, failure to perform required maintenance, normal wear and tear, Force Majeure Event, or negligence or default attributable to the Applicant. (d) Vendor shall not be liable to repair or remedy any accessories or parts added to the RTS System that were not originally sourced by Vendor to the Applicant
4. Customer shall provide suitable and safe space to keep the material during installation & commissioning
5. Customer shall provide other facilities like ladder/stool/high-stool etc. wherever required
6. Customer shall provide working internet connection (wifi/lan) and auxiliary power supply for data logger
7. Customer shall provide free access for service personal to work at the roof and the meter board or wherever required performing the service
8. Manufacturer Warranty: Panels 12 years of product warranty and 30 years of Linear performance warranty for inverter 8/10 years warranty.
9. Performance: The system will Generate 600units monthly (Depending on weather conditions, Grid availability, and cleaning kept on panels).
10. Our Responsibility is till Meter Replacement Further billings issues are beyond our scope you need to contact DisCom.
11. Cleaning Of Panels At least once a month in scope of consumer. (Do It before 8Am or After 5.30Pm)
12. Offer Price may vary after detailed site survey or with change in site conditions/due to market conditions
13. Customer shall provide supply for electricity, water connection during installation & commissioning

Our Services

- ☑ EPC -C&I
- ☑ EPC -Residential
- ☑ I&C -Residential
- ☑ I&C -C&I
- ☑ Project Designing
- ☑ O&M -Residential
- ☑ O&M -C&I

Our Work



Company Info



Umar Solar Services

GSTIN: 27BIFPM1157G1ZC

Nanded, Maharashtra

Bank Account Details:

Bank Name: [REDACTED]
Account Name: Umar Solar Services
Account No.: [REDACTED]
IFS Code: U [REDACTED]

Contact Info:



[REDACTED]



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Proposal created by:
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