



BY SSU ENTERPRISES

EMPANELLED
Vendor



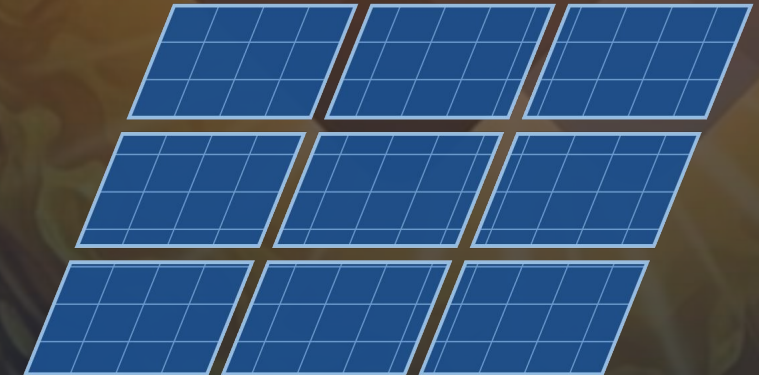
नवीन एवं
नवीकरणीय ऊर्जा मंत्रालय
MINISTRY OF
NEW AND
RENEWABLE ENERGY



PM Surya Ghar:
Muft Bijli Yojana

Solar Cubic Energy Solutions

Rooftop solar, BIPV and EV charging for homes and businesses. *Let's Energise by Sun.*



solarcubic.in · gosolar@solarcubic.in · +91 96520 06000

ABOUT US

Solar Cubic is the clean-energy brand of SSU Enterprises

We design, supply, install and maintain rooftop solar power plants, handling everything from the first site survey to subsidy paperwork, net metering and after-sales monitoring.

The same experienced SSU Enterprises team, now focused on clean energy: rooftop solar, building-integrated solar (BIPV) and EV charging.

WE SERVE

Independent houses · Villas · Apartments

Hospitals · Hotels · Resorts

Corporate buildings · Factories · Farmhouses

PRESENT IN

Hyderabad · Delhi · Karnataka · Andhra Pradesh

TRACK RECORD

Numbers that keep growing

3,00,000+

rooftops assessed across India

₹24 Cr+

in electricity bills saved for our customers

50+

cities served

100+

engineers, technicians and project staff

REAL INSTALLATIONS

Homes we've already powered

Kukatpally

2BHK home · 3 kW

Eliminates about 90% of the monthly electricity bill, with the PM Surya Ghar subsidy applied.

Gachibowli

4BHK villa · 5 kW

Zero net electricity bill, with home EV charging (7.4 kW) and TSSPDCL net metering.

Jubilee Hills

Luxury villa · 10 kW

Generates about 1,350 units a month, taking the home to zero net electricity bills.

A sample of our residential projects. As published on solarcubic.in/projects.

OUR SERVICES

Everything solar, under one roof



Rooftop solar plants

On-grid, off-grid and hybrid systems for homes, societies and businesses.



Site assessment

Roof survey, shadow analysis and load study before we quote.



Engineering & design

Structural and electrical design for RCC, metal-sheet and elevated roofs.



Power backup

UPS, inverters, batteries, generators and lift UPS.



IoT monitoring

Real-time generation tracking on Android and iOS (optional add-on).



Solar trainings

Practical training programmes for solar technicians and installers.

NEW VERTICALS

Now adding BIPV and EV charging



NEW

Building-Integrated PV (BIPV)

Solar that becomes part of the building: façades, skylights, canopies, carports and pergolas that generate power while replacing conventional glass and roofing.

For commercial buildings, premium villas and parking areas



NEW

EV charging systems

AC and DC chargers for homes, apartments, offices and commercial sites, paired with rooftop solar so vehicles charge on sunshine.

For homes, housing societies, hotels, workplaces and fleets

BEYOND ROOFTOP SOLAR

A complete solar ecosystem for your home



Solar water heaters

Hot water from the sun;
cuts your geyser's
electricity use



Heat pumps

Efficient hot water for
larger homes, even on
cloudy days



Solar fencing

Solar-powered perimeter
fencing for farmhouses
and plots



BIPV solutions

Solar built into facades,
skylights and canopies



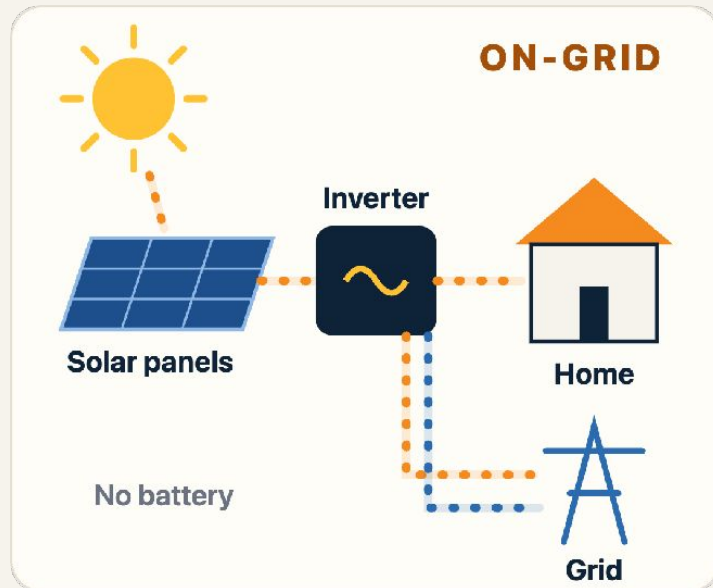
EV charging stations

AC/DC chargers for your
home and housing society

SYSTEM TYPES

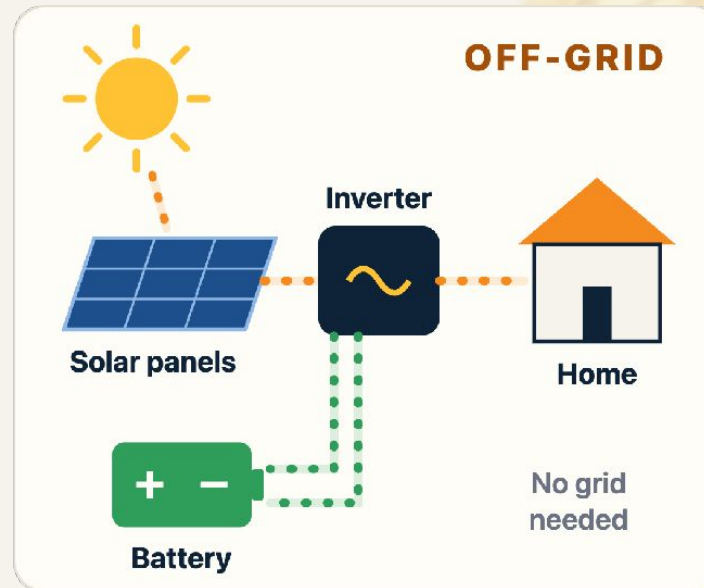
Three ways to go solar

● Solar power ● Grid power ● Battery power



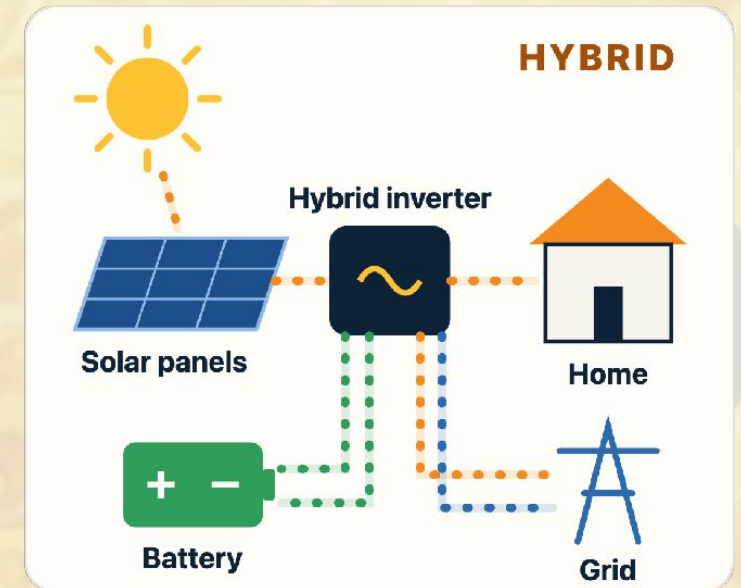
On-grid

Works with the grid; surplus is exported through net metering. Lowest cost, but no backup during power cuts.



Off-grid

Panels charge batteries; no grid needed. Full independence at a higher cost. Ideal for farmhouses and remote sites.



Hybrid

Grid plus batteries. Exports surplus and keeps essentials running during outages.

HOW MUCH POWER?

1 kW of rooftop solar makes about 120–150 units a month

4–5 units

per kW, every sunny day

1,500+ units

per kW, every year

60–65 sft

shade-free roof per kW

YOUR SAVINGS

What your plant produces and saves

3 kW

Generation / month

360–450 units

Bill saving / month

₹3,000–3,600

Saving / year

₹36,000–43,000

Net cost after subsidy

₹1,32,000

Payback

about 3–4 years

5 kW

Generation / month

600–750 units

Bill saving / month

₹5,000–6,000

Saving / year

₹60,000–72,000

Net cost after subsidy

₹2,47,000

Payback

about 3.5–4 years

10 kW

Generation / month

1,200–1,500 units

Bill saving / month

₹10,000–12,000

Saving / year

₹1.2–1.44 lakh

Net cost after subsidy

₹5,02,000

Payback

about 3.5–4 years

Estimates assume 4–5 units per kW per day and about ₹8 per unit. Actual savings depend on your tariff slab, roof direction and usage.

NET METERING

Produce more than you use? You get paid.



Daytime

Panels power your home first. Unused power flows to the grid through a bi-directional net meter.



Night-time

Your home draws power from the grid, just as it does today.



Billing cycle

You pay only for net units (imported minus exported). Surplus units are credited or paid by the electricity department at its notified rate.

Example: a 5 kW plant generates 700 units in a month and your home uses 500. The extra 200 units go to the grid and are credited to your account.

Homes get up to ₹78,000 back

₹78,000

Maximum central subsidy for residential rooftop solar
under PM Surya Ghar: Muft Bijli Yojana

Plant size	Subsidy
1 kW	₹30,000
2 kW	₹60,000
3 kW and above	₹78,000

- ✓ Solar Cubic is an MNRE-empanelled vendor on the PM Surya Ghar portal
- ✓ Credited to your bank account after installation and inspection
- ✓ We handle the portal application, DISCOM approval and net-meter paperwork

PRICE LIST

Residential rooftop solar, all-inclusive

Plant size	Project cost	Subsidy	Net cost after subsidy	Rooftop space (sft)
3 kW	₹2,10,000	₹78,000	₹1,32,000	180–195
5 kW	₹3,25,000	₹78,000	₹2,47,000	300–325
8 kW	₹4,96,000	₹78,000	₹4,18,000	480–520
10 kW	₹5,80,000	₹78,000	₹5,02,000	600–650
12 kW	₹6,84,000	₹78,000	₹6,06,000	720–780
15 kW	₹8,25,000	₹78,000	₹7,47,000	900–975
20 kW	₹10,40,000	₹78,000	₹9,62,000	1,200–1,300

Indicative prices; final quote after site survey. Space at 60–65 sft per kW of shade-free roof. Subsidy is paid to your bank account after commissioning.

RETURN ON INVESTMENT

A 5 kW plant over 25 years

₹2.47 L

net investment after subsidy

₹60–72 K

saved on electricity every year

3.5–4 yrs

payback period

₹14 L+

saved over 25 years at today's tariffs

That is roughly a **24–29% yearly return**, several times what a fixed deposit pays.

Assumes 600–750 units a month at about ₹8 per unit and minor panel degradation. Tariff increases would raise savings further.

HOW WE WORK

From site survey to switch-on

01

Site survey

Roof, shading and electricity-bill study.



02

Design & quote

System sizing, structure design and a clear, itemised quote.



03

Paperwork

Subsidy application, DISCOM approval and net-meter request.



04

Installation

Structure, panels, inverter, earthing and safety devices, then commissioning.



05

Monitoring & service

Net-meter activation, subsidy release and ongoing maintenance.

WHY US

Why Solar Cubic

✓ Engineering and supervision by experts

✓ Subsidy and net metering handled end to end

✓ Real-time IoT monitoring on Android and iOS

✓ Transparent, itemised pricing

✓ Subsidy-eligible, ALMM-listed panels

✓ 3,00,000+ rooftops assessed in 50+ cities

GET A SITE ASSESSMENT



Let's power your Home by sun.

CALL OR WHATSAPP

+91 96520 06000

+91 85558 21099

WEBSITE

solarcubic.in

EMAIL

gosolar@solarcubic.in

PRESENT IN

Telangana · Andhra Pradesh · Delhi · Karnataka