



BY SSU ENTERPRISES

# Solar Cubic Commercial & Industrial

Rooftop and ground-mount solar for hotels, hospitals, factories, offices, campuses and warehouses.

**EMPANELLED**  
Vendor



नवीन एवं  
नवीकरणीय ऊर्जा मंत्रालय  
MINISTRY OF  
NEW AND  
RENEWABLE ENERGY



PM Surya Ghar:  
Muft Bijli Yojana

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## ABOUT US

# One engineering team, built for business-scale loads

Solar Cubic's commercial and industrial arm designs, supplies, installs and maintains rooftop and ground-mount solar for businesses — sized to your connected load, sanctioned demand and roof or land area, not a one-size template.

Same engineering and O&M team behind our residential rollout, now applied to 50 kW to multi-megawatt sites.

### TRACK RECORD

3,00,000+ rooftops assessed

₹24 Cr+ in electricity bills saved

50+ cities · 100+ engineers and technicians

## SEGMENTS WE SERVE

# Built for every kind of load profile



### Hotels & resorts

Daytime AC and hot-water loads; rooftop and terrace-canopy layouts.



### Hospitals & healthcare

Round-the-clock critical load; hybrid systems with backup.



### Factories & manufacturing

High daytime draw; usually the fastest payback of any segment.



### IT parks & corporate offices

Weekday-heavy load that lines up closely with solar hours.



### Educational institutions

Daytime-only campuses; on-grid systems with a fast payback.



### Warehouses & logistics

Large, uninterrupted roof area; ground-mount also an option.

## TYPICAL SIZING

# How much capacity does your building need?

| Building type                   | Typical size   | Why                           |
|---------------------------------|----------------|-------------------------------|
| Boutique hotel, 30–60 rooms     | 50–100 kW      | Roof and terrace canopy area  |
| Mid-size hospital, 100–200 beds | 100–300 kW     | Round-the-clock base load     |
| Corporate office / IT floor     | 100–500 kW     | Weekday daytime load          |
| Light manufacturing unit        | 200–500 kW     | Shift-driven daytime draw     |
| Large factory or plant          | 500 kW – 1 MW+ | High connected load, big roof |
| Warehouse / logistics park      | 500 kW – 1 MW+ | Large uninterrupted roof      |

Illustrative ranges for planning; your actual size is set by a site survey against your rooftop area, connected load and sanctioned demand.

COMPLETED PROJECTS

# 50+ commercial & industrial projects executed

A sample of 9, from 25 kW to 1 MW, across Hyderabad:

| Location                   | Type                          | Size   | Result                                                           |
|----------------------------|-------------------------------|--------|------------------------------------------------------------------|
| Ameerpet                   | Commercial rooftop            | 25 kW  | Lower common-area maintenance charges; powers lifts and HVAC     |
| Begumpet                   | Institutional (education)     | 50 kW  | Solar canopy doubling as shaded sports-ground cover              |
| HITEC City                 | EV charging hub               | 60 kW  | Dual-gun DC CCS2 rapid charging for fleet and public use         |
| Financial District         | Corporate rooftop             | 100 kW | Supports green-building compliance; 40% tax depreciation claimed |
| Balanagar Industrial Area  | Industrial factory            | 150 kW | String inverters on GI sheet roof; 3.2-year payback              |
| Madhapur                   | Commercial hub, multi-tenant  | 250 kW | Over ₹2.4 lakh saved in power costs per month                    |
| Patancheru Industrial Zone | Industrial manufacturing      | 500 kW | Connected to an 11 kV HT substation                              |
| Shamshabad                 | Utility scale, ground-mounted | 1 MW   | Generates millions of green units a year                         |
| Nanakramguda               | Architectural (BIPV)          | —      | Photovoltaic glass curtain wall with daylighting and insulation  |

As published on [solarcubic.in/projects](https://solarcubic.in/projects). Verify figures and site details before citing them in a signed proposal.

## SYSTEM TYPES

# On-grid is the default; hybrid where uptime matters



### On-grid

The standard choice for most businesses. Runs alongside the grid connection; surplus exports through net or gross metering. Lowest cost per kW.



### Hybrid with backup

Grid plus battery or DG integration. For hospitals, data-heavy offices and any site where an outage is costly.



### Open access / group captive

For large industrial loads, typically above 1 MW: buy power from a solar plant elsewhere and wheel it through the grid, where the state allows it.

Which structure fits depends on your state's DISCOM rules and your sanctioned load — we confirm this during the site survey.

## PRICE LIST

# Commercial & industrial, all-inclusive

| Plant size | Project cost | Cost per kW | Rooftop / ground space (sft) |
|------------|--------------|-------------|------------------------------|
| 50 kW      | ₹22,50,000   | ₹45,000     | 3,000–3,250                  |
| 100 kW     | ₹42,00,000   | ₹42,000     | 6,000–6,500                  |
| 200 kW     | ₹80,00,000   | ₹40,000     | 12,000–13,000                |
| 500 kW     | ₹1,90,00,000 | ₹38,000     | 30,000–32,500                |
| 1 MW       | ₹3,50,00,000 | ₹35,000     | 60,000–65,000                |

Indicative; final quote depends on site survey, structure type and equipment. Space at 60–65 sft per kW. No PM Surya Ghar subsidy applies to commercial or industrial connections.

## No subsidy here — the return comes from tax and tariff

**40%**

Accelerated depreciation in Year 1, on Written Down Value, under Section 32 of the Income Tax Act — a tax shield, not a subsidy, and only for businesses with taxable profit.

**₹9–12**

Typical commercial and industrial tariff per unit — well above domestic slabs, so the same generation saves more money.

**2–3 yrs**

Typical payback without any subsidy — faster the more of the generation your business actually consumes on-site.

The one number that swings this the most: how much of your solar generation is consumed while it's made. A factory closed on Sundays loses that day's generation value unless net metering banks it — this is exactly what our site and load study is for.

PM Surya Ghar's ₹78,000 subsidy is residential-only and does not apply to commercial or industrial connections. Tariffs and tax treatment vary by state and by your business's tax position — confirm with your CA before finalising.

# A complete energy offering for your business



## Solar water heaters

Cuts LPG and electric geyser load for hotels, hospitals and hostels



## Heat pumps

High-efficiency hot water for laundry, kitchens and sterilization loads



## Solar fencing

Solar-powered perimeter security for factories, warehouses and campuses



## BIPV solutions

Solar facades, skylights and canopies for commercial buildings



## EV charging stations

Fleet and visitor charging for offices, hotels and industrial sites

## HOW WE WORK

# From load study to commissioning



WHY US

# Why Solar Cubic for your business



**MNRE / PM Surya Ghar empanelled vendor**



**In-house engineering, not outsourced design**



**Transparent, itemised project costing**



**ALMM-listed panels and inverters**



**Real-time monitoring and O&M contracts**



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

GET A SITE ASSESSMENT



# Let's power your business by sun.

CALL OR WHATSAPP

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