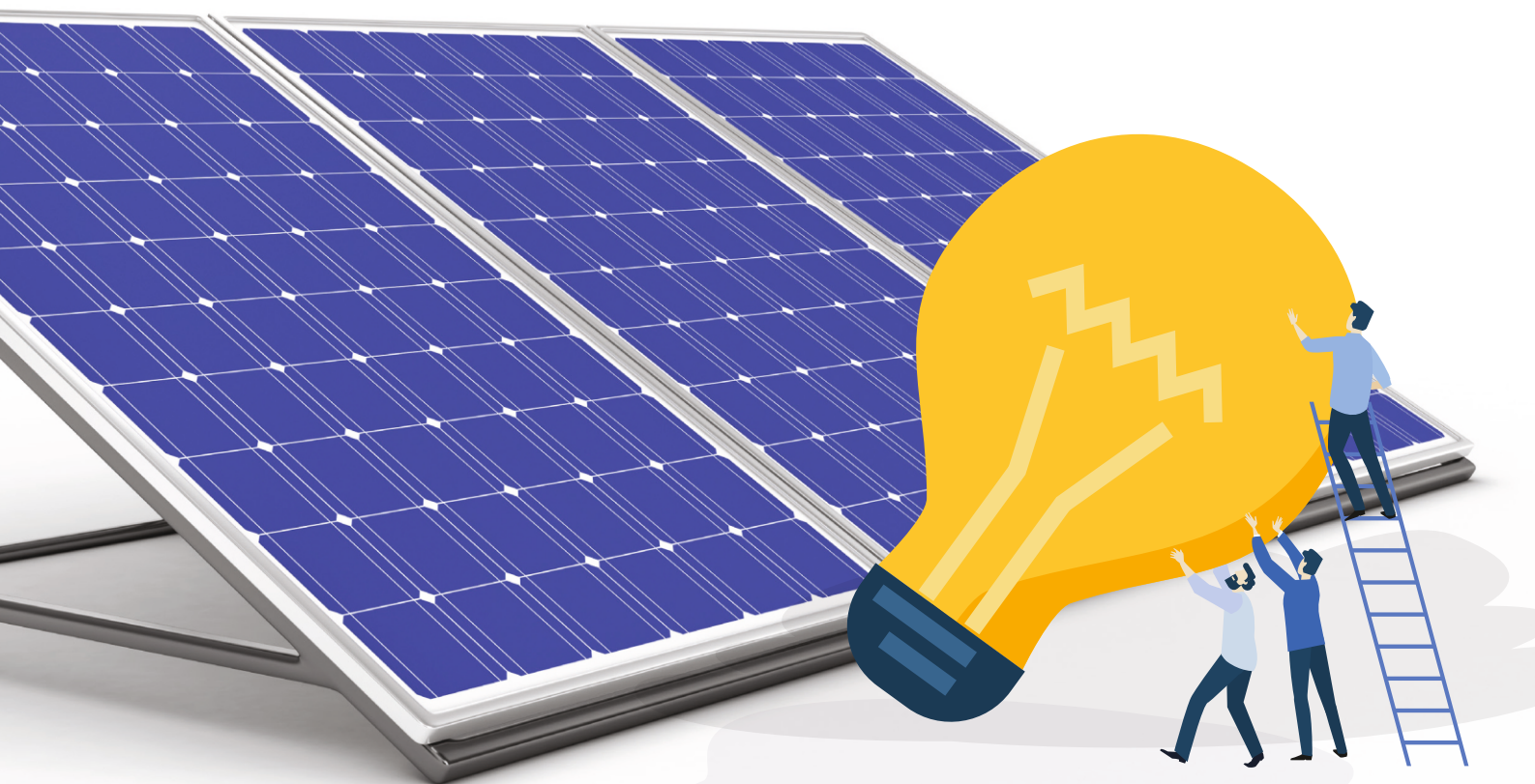


Your one stop rooftop power solution.

Save upto 50% on electricity bills with
TATA Power Solarroof. Install today.



Save on your energy bills as you save the planet.



AN AUTHORISED DEALER

GENESIS CLEAN ENERGY

☎ 97141 25515

✉ info@genesiscleanenergy.in

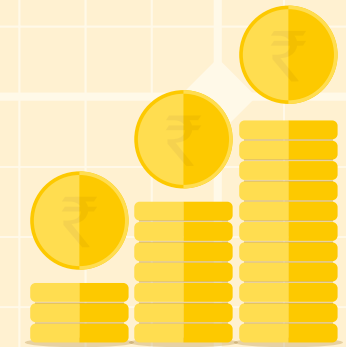


Welcome to a world of benefits

The best choice for residential customers who are looking to save some money and MSMEs looking to improve their bottomline, Tata Power Solaroof oers solutions to fit every need and every budget, with a world of financial benefits.

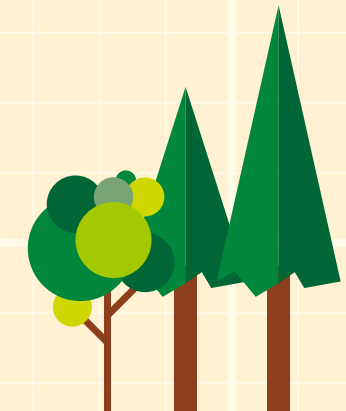
Save money.

- ◆ Savings of about ₹ 10 lakhs for residential customers
- ◆ Savings of about ₹ 2 Crore for MSMEs customers
- ◆ Pay Back period of 4-5 years
- ◆ Grid independence against rising electricity taris



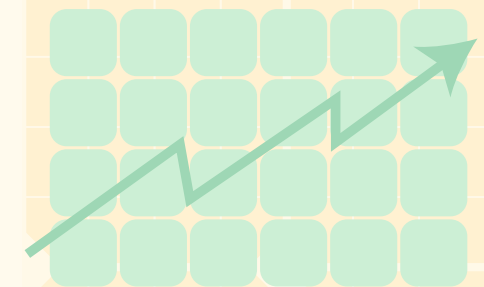
Save the world.

- ◆ For MSMEs – Equivalent to planting 5000 trees[#]
- ◆ For Residents – Equivalent to planting 250 trees[#]
- ◆ Green Building Certification



Save your worries.

- ◆ Minimum maintenance
- ◆ Scalable design for future expansion
- ◆ Up to 40% accelerated depreciation benefit for MSMEs



Disclaimer:

Calculated for 25 years, for 100 kW system for MSMEs, institutions, and 5 kW system for residential. Electricity tari calculated @ ₹ 7.2 / unit
[#]Mentioned for 100 kW system for MSMEs and 5 kW system for residential, over a 25-year lifetime. (Source: MNRE Website)

At TATA Power Solarroof, we have a range of solar system options to suit every requirement of our discerning customers. But no matter what you choose, you can rely on TATA Power's exemplary service and maintenance commitment.

Know your Solar

The workings of a solar module:

- Made of Silicon wafers, a semiconductor
- Photons from the sun knock out electrons
- Direct Current electricity flow is established



Determine your requirement

Calculated as capacity needed and capacity that can be installed:

Capacity Needed

- As per load requirement / quantum of electricity bill
- Varies from state to state for the same electricity bill

Capacity that can be Installed

- Shadow free space available: Typically, 1 kW system requires 100 sq ft of shadow free space
- Sanctioned load: A limit on capacity varies from state to state

A typical 1kW system

produces
~120 units
electricity /
month

required
for ~` 1000
electricity
bill / month

requires
100 sq ft of
shadow
free space

Types of Solar Systems

Grid connected—
no generation
during grid
outage



Battery equipped—
provide backup and
generate during
grid outage

The working cycle of Tata Power Solarroof



During daytime, exports
excess electricity to the
national electricity grid



Similarly, at night, excess
electricity required
imported from the grid



Meter(s) installed to
keep a record of
imports and exports



Customers credited for
excess generation exported
to the grid, charged for net
consumption

Choose The Best, Choose Tata Power

You've already made the smart decision of going solar. Now make a smarter one by choosing the best solar rooftop solution- Tata Power Solarroof.

1

SCALE AND EXPERIENCE WORTHY OF COMPLETE TRUST



30,000+ total & 15,000+ residential customers



Awarded No 1 Solar EPC Player for 6 years in a row



30+ years' experience, 500+ MW installed



Pan India network of 250+ Channel Partners

3

UNPARALLELED SERVICE



Supply of complete Bill of Materials



Easy Financing Solutions



I&C, including liaising for regulatory Approvals

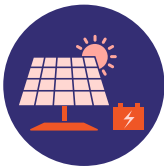


Allied Needs: Home Automation, Generation Data, PV Insurance



2

HIGHEST QUALITY PRODUCTS WITH TECHNOLOGICAL SUPERIORITY



World Class Engineering & Installation on account of long experience in Solar



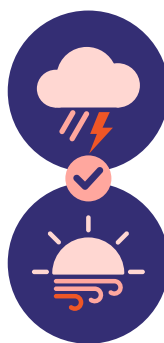
Higher plant uptime due to Lifecycle Service and Support: Extensive Service Network



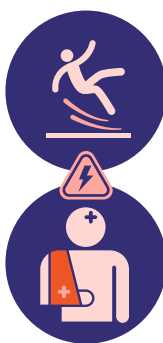
Best quality solar panels – robust purchase process

4

STRINGENT SAFETY STANDARDS



Use of STAAD certified structures designed to withstand high wind-speed conditions



To eliminate any possibility of an accidental mishap, all metallic roof installations fitted with walkways and safety lines.

Choose what suits you

At TATA Power Solarroof, we have a range of solar system options to suit every requirement of our discerning customers. But no matter what you choose, you can rely on TATA Power's exemplary service and maintenance commitment.



GRID CONNECTED SYSTEM

Suitable for: All customers with shadow-free roof / ground

Product range: 1 kW to multiple mWs

Features:

Best quality panels
Inverters & other components for max generation
Design life
Remote monitoring on mobile & web

BATTERY BASED

Suitable for: Homes, oces, industries with problematic grid reliability

O-grid systems: Power critical lighting loads, without grid export functionality

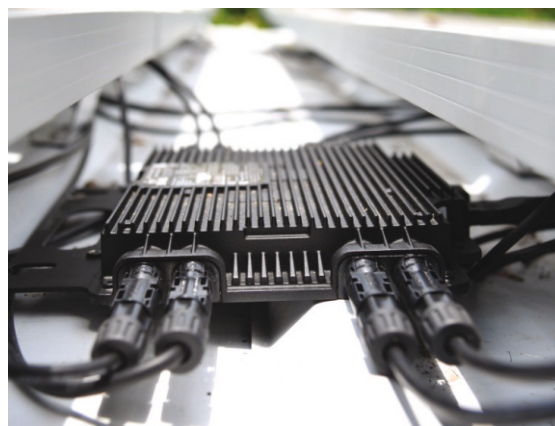
Hybrid systems: Power-heavy load, export excess generation to grid & can complement DG sets

Variants:

Lead acid batteries / Li-ion batteries

Features:

Advance battery protection logic



MICRO INVERTER-BASED GRID CONENECTED SYSTEM

Suitable for: Villas & Bungalows

Flexibility: Suitable for dierent tilt and azimuth angles

Features:

Module level MPPT and monitoring: higher yield in cases of partial shadow, soiling

Safety Features:

No aggregation of Direct Current on roof



SOLAR TREE

Suitable for: Villas, Industries (Lawns), Housing societies, schools & resorts

Variants: 10 module & 16 module

Dimensions: 7m (L) x 7m (W) x 4.5m (H); 2.5m clear distance from ground

Features:

Simple modular design
Tubular steel structure

SOLAR ARTEFACTS

Suitable for: Villas, housing societies, resorts, roof-top sitting areas

Variants: 18 modules (6*3) arrayconfiguration

Dimensions: 6m (L) x 6m (W) x 3.5m (H); 2.5m clear distance from ground

Features:

Multiple designs
Tubular steel column & trusses



SOLAR BALCONY

Suitable for: Apartments, Commercial Buildings

Variants:

Battery storage / Micro-inverters

Features:

Solar power benefits even without roof space

TATA Power has various financing tie-ups to facilitate easy loan approvals and disbursements, providing an additional benefit of customers not having to utilize their existing credit limits with their banking partners.



Going Solar has never been easy and affordable

Attractive financing schemes for our rooftop customers. Take the right step into the world of Solar Power Solutions with our Hassle-free and Easy Financing Schemes for both Residential Customers as well as SMEs and Corporates.



Smart Financing Schemes for your Home

Invest in solar with Rooftop Solar Finance Scheme for smart homes. Go Solar- Pledge for a cleaner and greener environment.

- Instant EMI options.
- Minimum Documentation.
- No Collaterals.
- Low Interest Rates.
- Doorstep Services.

Financing Partners



Smart Financing Schemes for Powering Your Business

CAPEX Financing

- Low Interest Rates.
- Minimum Documentation.
- No Collaterals.
- Quick Processing Speed.
 - CAPEX through PSUs and NBFCs
 - Key Features: 5-15 years tenure, 25-30% down payment, ROI-7.5-14%
 - Usually, collateral required from 25-50%
 - Collateral-free option also available under an exclusive scheme for Tata Power customers.

OPEX Financing

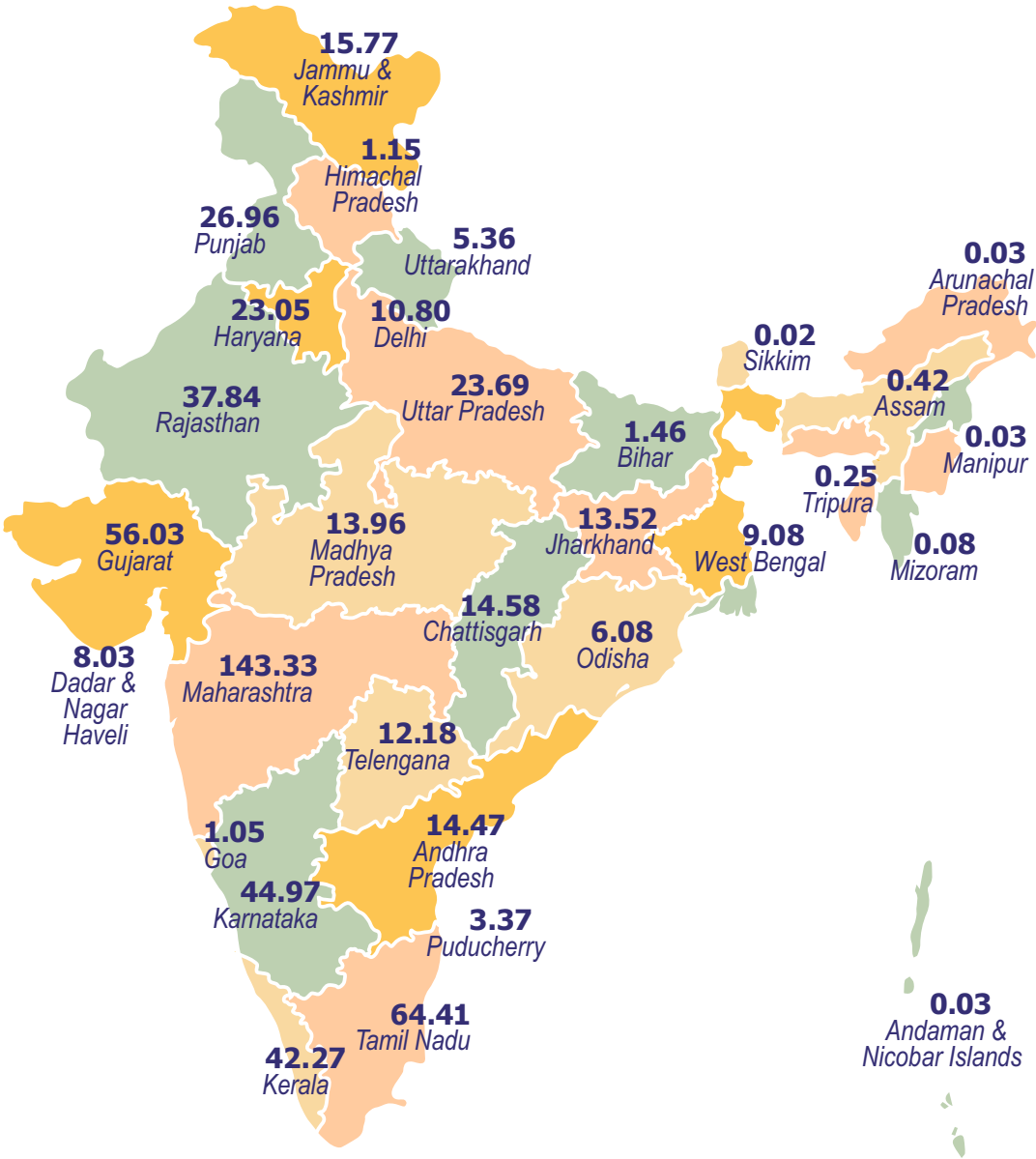
- Pay-as-you-go (PPA)
- Financial Lease
- Operational Lease.
 - Zero or minimal upfront payment.
 - Savings from Day 1: Monthly outflow much less than regular electricity bills.
 - Tenure: 5-25 years,
 - Asset can be in own name or financier's name.
 - No hassles of plant maintenance or insurance.

TATA Power's Solar Rooftop

Client	Capacity	Location
Balaji Wafers Pvt. Ltd.	100 KW	Rajkot
Gopal Snacks Pvt. Ltd.	200 KW	Rajkot
Macpower CNC Machines	300 KW	Rajkot
ATLAS METAL INDUSTRIES	500 KW	Jamnagar
Asian Paints	10 MW	Distributed Locations
Siyaram Vitrified Private Limited	3 MW	Morbi
Pioneer Polymers	500 KW	Ahmedabad
SPX Flow Technology	35 KW	Ahmedabad
HP	955 KW	Distributed Locations
Rabatex Industries Pvt. Ltd.	90 KW	Ahmedabad
DELTA DIVIN EXTRUSIONS	200 KW	Ahmedabad
Jayshri International Pvt Ltd.	250 KW	Jetpur
Atmiya University	200 KW	Rajkot
A & A Enterprise	120 KW	Jamnagar
TATA POWER	17 MW	Mithapur
15,000+ Residential Custmers-		Across India


Many More Running....

Project Portfolio



Our Portfolio Projects & Clients

TATA Power's solar portfolio of clients includes many residential projects as well as many well-known corporate and institutional names – each of whom trusted TATA Power with their solar needs, and haven't look back since.

CORPORATE SEGMENT



INSTITUTIONAL SEGMENT



Atmiya University
Rajkot - Gujarat.



Hindustan
Institute of
Tech & Science,
Chennai



IIT, Kanpur



Indian Institute
of Astrophysics,
Bengaluru



Vellore
Institute
of Technology



PSG College
of Technology,
Coimbatore

SCHOOL INSTALLATIONS



Delhi Public School,
Panipat, Haryana



Chinmaya International
Residential School,
Coimbatore



GITAM School,
Tirupati,
Andhra Pradesh



Ambience Public
School, Gurgaon



Ambience Public
School, Gurgaon

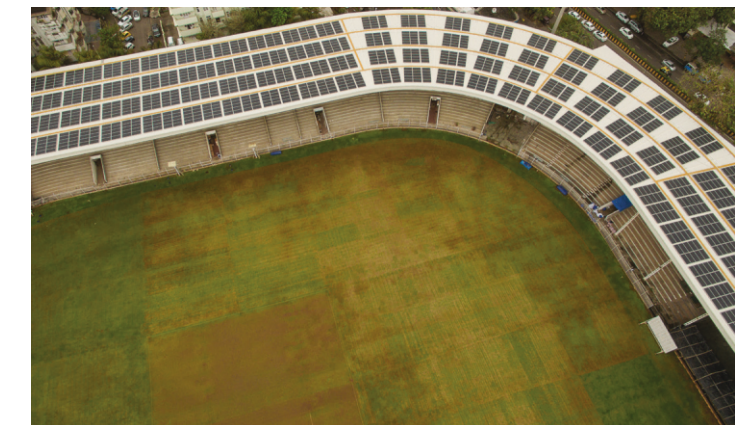


Sri Sankara Vidyalaya,
Karur, Tamilnadu

TATA Power's Landmark Installations



One of the largest Rooftop Solar
Plants in the world at **R.S.S.B
Educational & Environmental Society**



820.8 kWp at **Brabourne Stadium**
**World's Largest Solar Powered
Cricket Stadium**



First Floating Solar System built on twin
ponds with a capacity of 1.4MWp at
Tata Chemicals, Nellore



2.67 MW Carport installation at
Cochin International Airport



TATA

TATA POWER

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