



**Roll** with us towards  
a **Sustainable Future**

[www.rollingenergy.in](http://www.rollingenergy.in)

# Get to know us

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At **Rolling Energy**, we believe in the power of the sun!

Founded by a team of **young engineers and seasoned professionals with over 20 years in the solar industry**, we're passionate about providing practical and efficient renewable energy solutions.

Our mission is to empower homes, businesses, and communities with solar energy that's not just good for the planet but also easy on your wallet. With our expertise and hands-on approach, we ensure you get the best in quality and service.



## Our Mission

Deliver affordable, high-quality solar solutions, making green energy accessible to all.

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## Our Vision

Lead India's solar revolution, empowering a sustainable future with clean energy solutions.

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## Our Core Values

We prioritize **simplicity, quality, sustainability, integrity, and innovation in every solar solution** we provide.

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# Your Guide to Going Solar with **Rolling Energy**

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**Solar Panels:** In a solar system, solar panels convert sunlight into DC electricity.



**Mounting structures:** Our durable aluminum or 6-9 ft steel mounts raise panels for peak sunlight capture, while leaving roof space free. Prefabricated and rust-proofed with a zinc coating, they ensure strength and long-lasting protection.



**Inverter:** The inverter is the heart of a solar system, turning panel-generated DC power into AC power used at home. In India, string and micro-inverters are popular choices, each suited to different needs and budgets.



**Bi - Directional Meter :** Net metering records the power you use from the grid and the extra energy your solar system feeds back. This surplus earns you credits from your utility, which can reduce future electricity bills if needed. A simple way to maximize your savings!



**Accessories:** These include cables, MC4 connectors, combiner boxes, conduit trays, earthing strips, and a lightning arrester to help the system run smoothly



## How much can I actually save by going solar?

Your actual total savings will depend on your current electricity usage, the size of the solar system, your location and the cost of electricity in your area.

The chart below has an estimate with respect to electricity tariff in PUNE.

Average Monthly Electricity Bill	Power Generated in a year	Yearly Savings	Solar System size to make your bill zero	Shadow free space required
₹3000	2800 units	₹35,000	2 kW	200 sq ft
₹5500	4200 units	₹65,100	3 kW	300 sq ft
₹10000	7000 units	₹1,22,500	5 kW	500 sq ft
₹20000	14000 units	₹2,45,000	10 kW	1000 sq ft

## Sanctioned load by your discom

Sanctioned load is the maximum amount of electrical load that a discom allows a home to draw from the grid at a particular point in time.

If the sanctioned load is less than the size of the solar system you need, you can increase it. Our team can assist with the necessary government paperwork and all other related processes.



## You Can Get A Loan To Go Solar!

The Rooftop Solar Panel Loan Scheme covers up to 90% of your solar project costs with competitive rates.

System Size (kW)	Loan Details	Down Payment	Monthly EMI (Approx)
3 kW	5 Years @ 9.5%	10%	₹ 2,100
	7 Years @ 9.5%		₹ 1,634
	10 Years @ 9.5%		₹ 1,294
5 kW	5 Years @ 9.5%	20 %	₹ 4,452
	7 Years @ 9.5%		₹ 3,465
	10 Years @ 9.5%		₹ 2,743
10 kW	5 Years @ 9.5%	20%	₹ 9,577
	7 Years @ 9.5%		₹ 7,453
	10 Years @ 9.5%		₹ 5,901

Additionally, government subsidies, such as ₹78,000 for a 3 KW system, will be transferred to your loan account later. This subsidy will reduce your loan amount, thereby lowering your EMI or shortening the loan tenure.

(Please note that the provided data is estimated; actual loan amounts and interest rates will depend on your eligibility and credibility)

**At Rolling Energy, we ensure there are no hidden charges.  
Our final quotes include 100% of the costs, offering complete  
transparency and all-inclusive pricing.**

(The final quotation is given to customer after site inspection and initial consultation)



# Housing Society Solar Plans



## Why should housing societies go solar?

Switching to solar energy is a smart choice for housing societies, helping reduce electricity costs for common areas while protecting against future energy rate hikes. Solar power provides long-term savings, lowers the society's carbon footprint, and promotes eco-friendly living, adding value to the community and enhancing its reputation.

## How Much Subsidy Can Housing Societies Get for Rooftop Solar?

The Indian government provides subsidies of up to ₹90 lakh for housing societies installing rooftop solar under the PM Suryaghar Muft Bijli Yojana. Recently, the subsidy amount was doubled to ₹18,000 per kilowatt (up to 500 kW) specifically for RWAs.

If you choose to go with subsidised panels, Rolling Energy will assist with all the necessary paperwork, making the process smooth and hassle-free.

## Subsidies for Housing Societies:

System Size (kW)	Subsidy Rate (₹18,000/kW)	Total Subsidy
20 kW	₹18,000	₹3,60,000
50 kW	₹18,000	₹9,00,000
100 kW	₹18,000	₹18,00,000
500 kW	₹18,000	₹90,00,000



# Securing Society AGM Approval for Solar Installation

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## 1. Form a Solar Committee

## 2. Establish a dedicated solar committee to oversee vendor selection.

- Evaluate vendor options
- Compare quotations
- Develop a budget and calculate ROI
- Present the budget and anticipated returns at the Annual General Meeting (AGM)

## 3. Obtain In-Principle Approval

Secure initial agreement from all management committee members to pursue solar within the tentative budget approved at the AGM.

## 4. Issue a Request for Quote (RFQ)

After receiving AGM approval, issue an RFQ for vendor selection to ensure consistency across vendor proposals. This will:

- Place all vendors on equal footing
- Standardise the bill of materials
- Simplify comparisons for management committees

## 5. Educate Residents

Distribute informational materials or a solar presentation before the meeting to foster consensus among residents.

### **Pro Tip:**

Rolling Energy can support your society by helping to draft **RFQs** and providing ready-made **RFQ templates**.



## Commercial Rooftop Solar Solutions by Rolling Energy

In India, most commercial rooftops go unutilized. At Rolling Energy, we transform these spaces into powerful assets by installing high-efficiency solar panels. With our commercial rooftop systems, businesses can cut electricity costs by over 70%, avoiding the high ₹12–16 per unit rates. Once installed, solar energy becomes a free and steady source, providing long-term financial relief.

Our comprehensive service covers everything from initial assessment to installation. We ensure your rooftop is optimised with structures that suit RCC or metallic roofs, ensuring maximum sunlight exposure and efficient power generation. For flexible energy management, we offer both net-metered systems (selling excess power to DISCOM) and captive systems (using all power on-site).

## Financial Benefits of Choosing Rolling Energy's Commercial Solar:

1. **Major Cost Savings:** Slash electricity bills as most of your energy will be solar-powered. Under the OPEX model, businesses pay only ₹4–6 per unit for solar power, compared to ₹12–16 from DISCOMs.
2. **Income Tax Benefits:** Take advantage of accelerated depreciation at 40% annually, reducing taxable income and enhancing cash flow.
3. **High ROI and Short Payback Period:** Solar installations offer a return on investment typically within 3–5 years, after which power generation continues to provide savings for 20+ years, thanks to the long lifespan of solar panels.





## 4. Reduced Operational Costs

Solar energy stabilises energy costs, reducing reliance on volatile grid prices, and contributing to lower operational expenses in the long term.

## 5. Green Financing Options

Rolling Energy can assist in connecting you with green financing options, making solar installation more affordable through loans with attractive interest rates and repayment terms.

## Additional Environmental and Compliance Benefits

1. **Lower Carbon Footprint:** Reduce emissions, support global sustainability, and enhance your business's eco-friendly image.
2. **RPO Compliance:** Meet Renewable Purchase Obligation (RPO) standards with solar installations, ensuring regulatory compliance.

## Benefits for Businesses Like Hotels and Lodgings

1. **Enhanced Guest Experience:** Hotels can highlight their commitment to sustainability, which is increasingly important to eco-conscious travellers, enhancing brand image and guest loyalty.
2. **Operational Savings During Peak Hours:** Hotels, with high energy demands, can leverage solar power during peak hours, significantly cutting down operational costs.
3. **Stable Energy Supply for Essential Services:** Solar power ensures stable energy availability for essential hotel services, reducing dependence on grid power and providing resilience against power outages.

Whether you have ample or limited rooftop space, Rolling Energy offers tailored solar solutions to reduce your energy costs, improve financial performance, and support environmental goals.





## Solar Maintenance by Rolling Energy: Maximising Efficiency & Lifespan

Keep your solar system running at peak efficiency with Rolling Energy's comprehensive maintenance services. Regular upkeep ensures maximum energy output, enhances system longevity, and improves safety—whether it's for a home, housing society, or commercial setup.

### Benefits of Solar Maintenance

- **Optimal Energy Output:** Routine cleaning and inspections allow panels to absorb maximum sunlight, reducing energy costs.
- **Prolonged System Life:** Preventive checks protect your investment, extending the life of critical components.
- **Increased Safety:** Regular maintenance minimises risks by ensuring wiring, inverters, and other essential parts function correctly.

### Our Maintenance Services

Rolling Energy provides customised maintenance, including:

- **Cleaning & Inspection:** Professional cleaning to remove dust and debris, plus checks on alignment, mounting, and electrical connections.
- **System Monitoring:** 24/7 remote monitoring with real-time performance tracking and alerts for any issues.
- **Diagnostics & Repair:** Advanced diagnostics to detect issues early, plus quick-response repair services when needed.
- **Warranty & Support:** Assistance with warranty claims to maximise your system's value.



# Our Process



# Why Choose Us?



## Professional, Safe & Quick Installation

- Supervised by a qualified Solar Engineers
- Precise installations for a refined aesthetic
- Rust-proof solar structures



## Easy Financing Options

- Loans at low Interest rates



## No Hidden Charges

- Transparent pricing with no surprise costs
- No additional fees beyond the initial quote



## End-to-End Paperwork

- We handle all paperwork, ensuring minimal effort for you in securing approvals



## Service & Support

- App-based electricity generation tracking
- Lifetime technical support
- On-call maintenance visits



## Rolling Energy Solar Care Plan

- Free cleaning visits within 5 years
- Free Quarterly preventive maintenance visits



## Quality Components

- We offer premium solar panels and inverters from top manufacturers in India.
- Even the Small components are sourced from reputed brands





**Connect with Us for a Brighter,  
Greener Tomorrow!**



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