



Building an Energy Independent India
One Rooftop at a time.

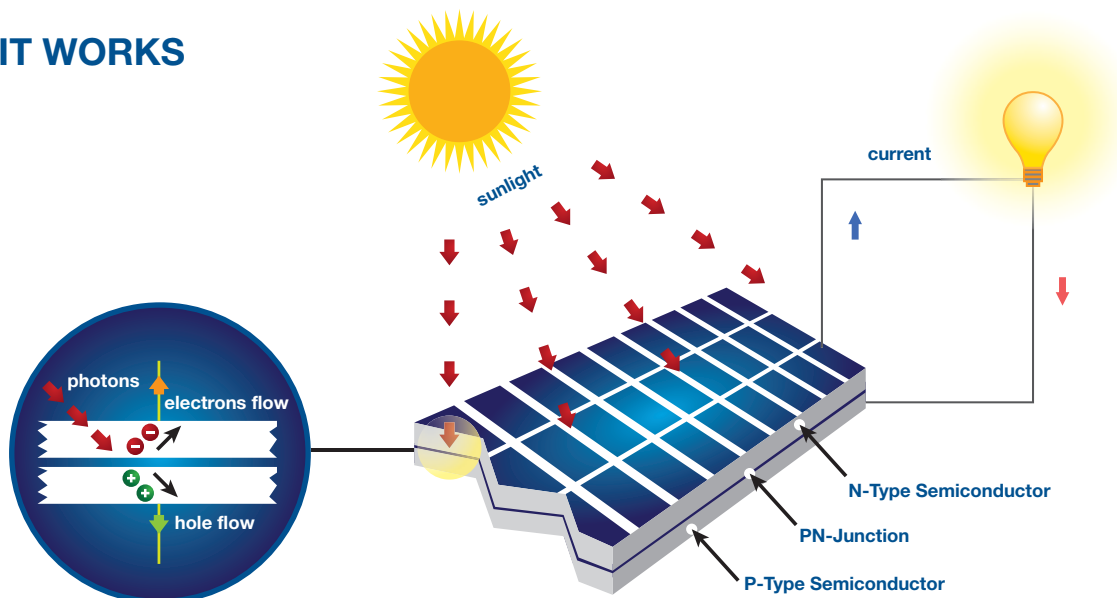


Abellon SOLAR

HOW SOLAR ROOFTOP SYSTEMS PRODUCE ELECTRICITY

The Sun is an infinite source of energy. It serves as one of the best clean energy alternatives to conventional electrical energy. By opting for a Solar Rooftop System, you can turn your home into a solar home and contribute towards making our nation energy independent. Your first step towards achieving energy independence begins with understanding the Solar Rooftop System.

HOW IT WORKS



KEY FACTS OF SOLAR ROOFTOP SYSTEM

1 kW Solar Rooftop System generates : 1500 units / Year

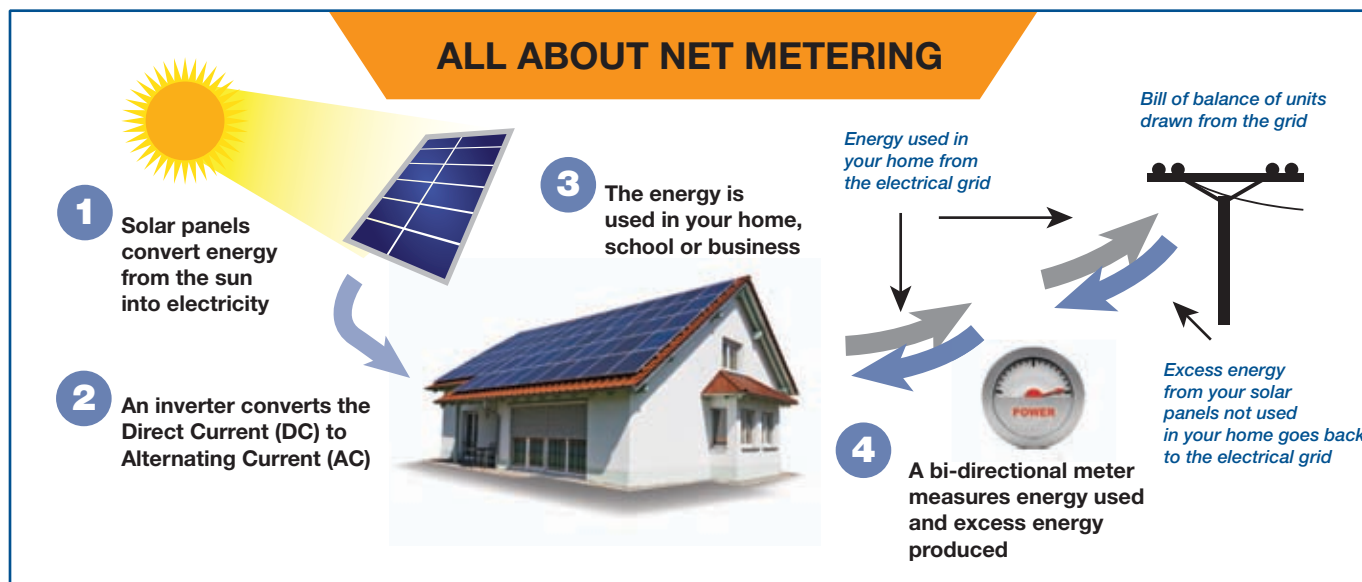
1 kW Project needs 10 sq.mt. OR 100 sq.ft

1 kW Project Cost[#] : Rs. 69,000/-

(*Note: Above calculation is based on approximate values. # Cost calculation does not include Subsidies as per 2017 policy and is subject to change)

Why Solar Power?

- Simple & cost-effective to install - Subsidies provided by Central and State Government
- Helps reduce electricity bills by 50% to 100%
- Contributes to National Clean Energy Mission (GOI Solar Goal)



One time investment. A Lifetime of Savings

Existing Units (Monthly)	Monthly Bills (Rs.)	Project Size Solar Capacity
300	2100/-	2.4kW
450	3150/-	3.6kW
520	3650/-	4.2kW
600	4200/-	4.8kW
780	5460/-	6.0kW
920	6440/-	7.2kW
1200	8400/-	9.0kW
1600	11,200/-	12kW
1800	12,600/-	15kW

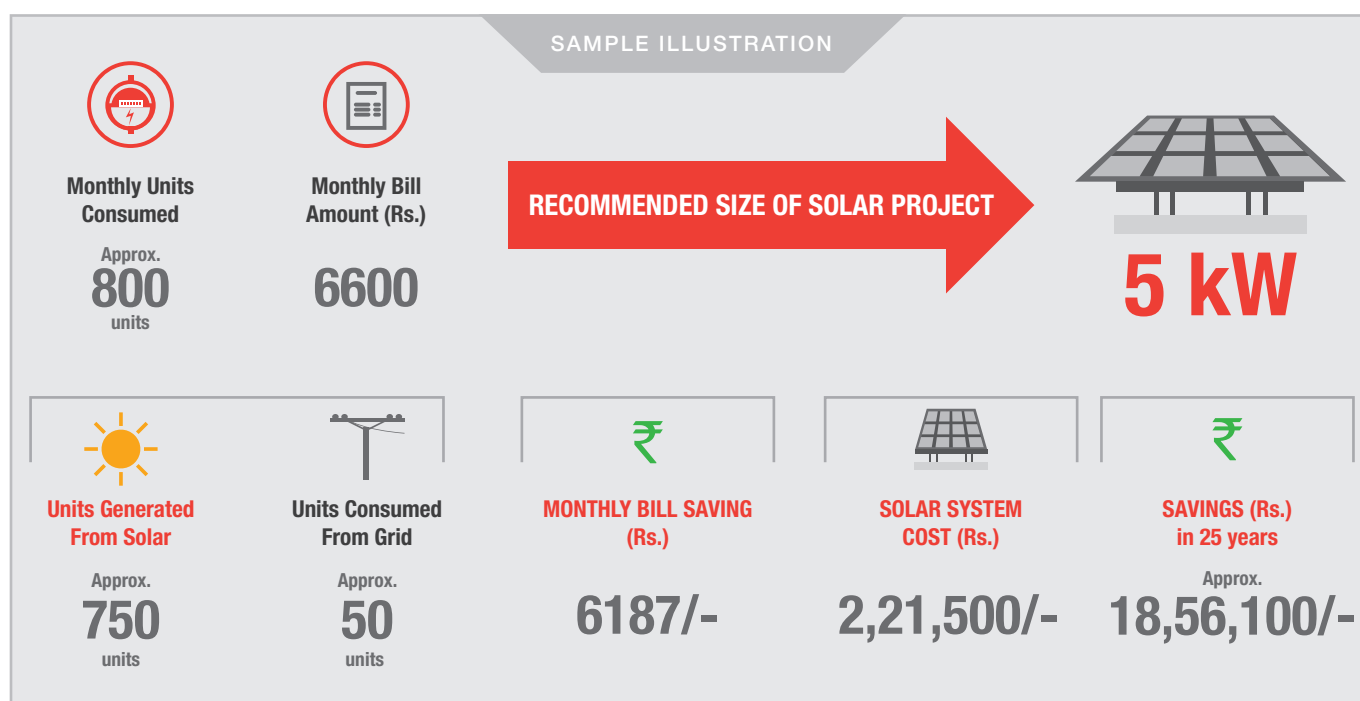
**MNRE
GEDA**

APPROVED

**PAYBACK
in 5 YEARS**

**ZERO Energy Cost
upto 25 years**

Cost & Payback



Return On Investment (Bank Term Deposit)

7% p.a.

v/s



Return On Investment in SOLAR ROOFTOP

25% p.a.

GOVT. SUBSIDIES

A. MNRE : 30% of project cost (Residential / NGO only)

B. Govt. of Gujarat : Rs.10,000/- per kW. Max. upto Rs. 20,000/- per installation

Benefits of Solar Project

- Generate green power for self consumption
- Save 50-100% on your power bill
- Earn for extra units generated
- Help build the Nation

Who can Benefit

Residential	Tenements, Villa, Farm House, Apartments
Institutions	Schools, Colleges, Training Centers, NGO, etc.
Commercial	Office Buildings, Shops, Malls, Hospitals, Clinics
Industrial	Sheds, Godowns, Parking Areas
NGO/Trust	Open Terrace Areas

About Abellon Solar

Abellon is a pioneer in Clean Energy having over a decade of experience of providing sustainable solutions for industries, commercial establishments, and residences across solar power, biomass based power & heat, and other forms of Clean Energy.



Ground Mounted



Single Axis Tracker



Dual Axis Tracker



Type A - Fixed



Type B - Raised





Type C - Slanted Roof (Fixed)

Abellon Advantage

- ✓ Stringent procurement, production and project quality control systems & processes
- ✓ Design, installation, training & maintenance by highly skilled and experienced team
- ✓ Dedicated help line • Service team for hassle free after sales service
- ✓ Customer training and hand holding for efficient generation / troubleshooting
- ✓ Comprehensive guarantees/warranties

SPECIFICATIONS

S.No.	Item		Features
1	Solar PV module		<ul style="list-style-type: none">• 1 panel dimensions- (LWT) 1960X 990X40mm• 1 panel generates 300w energy• Multi Crystalline PV Solar Module• 25 Year Linear output Warranty
2	Module Mounting structure		<ul style="list-style-type: none">• Fixed Tilt (80 microns Galvanized steel, Powder coated designed for local wind speed velocity)• 5 Year Warranty
3	Inverter - Growatt.		<ul style="list-style-type: none">• Transformerless String Inverter With MPPT & grid Interaction• 5 Year Warranty• Application support for live power generation on mobile
4.	DC / AC cable		<ul style="list-style-type: none">• 5 Year Warranty



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Building a Solar Nation

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