

SSESPL



One stop customer solution provider as:

- System integrator
- System Installer
- Renewable energy service provider
- Financial management (commercial loans)



Shakti Steller Energy Solutions Private Limited

I. Policies

From Central and state Government

- POLICY FOR IMPLEMENTATION OF SOLAR POWER BASED PROJECTS IN MADHYA PRADESH, 2012
 - Defines "all RE beneficiaries, in whose premises off-grid or grid connected RE systems are installed or can be installed up to a capacity of 2 MW. "
- MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION (Grid connected Net Metering) REGULATIONS, 2015
 - Defines regulations and cost/system for billing for net metered consumers.

Where other systems sits idle (like a solar water heater or an off grid system) a grid-tie system constantly generates even when you are not using any appliances



II. Net-metering

- Energy credits in form net-metering is proving to be the most popular as it allow the customers all the benefits of grid tie systems.
- Net metering is a solar incentive designed to increase the return on your investment in a PV system by crediting your bill for this surplus power at a predetermined rate.
- With net metering, you are billed for the net amount of electricity you used during the billing period. In other words, you pay the difference between the electricity coming from the grid and the electricity you put back into the grid.



Net metering in MP

- Power your electricity needs & manage your energy cost.
- Net metering regulation allows you to send electricity generated from renewable sources to the electrical grid for a credit toward your energy costs. Here's how it works. Your utility will subtract the value of electricity you supply to the grid from the value of what you take from the grid. What you'll see on your bill is the "net" difference between those two amounts. Net metering means you no longer need to purchase expensive batteries or a backup generator – or factor those costs into the price of installing a renewable energy generation system. If you supply power that is worth more than what you take from the grid over the billing period, you'll receive a credit that can help lower future energy bills. The more electricity you produce, the greater your savings.



Renewable Energy is a Vital Part of India's Electricity Future.

- MP has opened the electricity market to safe and clean renewable energy. Net metering regulation is designed to help you participate in this clean energy future – and to manage your energy costs. So, if you can generate any portion of your electricity needs through solar, you need to know more about net metering in MP.



HOW WILL MY BILL BE CALCULATED?

- Your local utility will continue to read your meter just as they do now. The bill you see will reflect the difference between the value of the energy you exported to the grid and the value of the energy you needed to take from the grid. All of the regulated charges apply only to your net consumption. If that portion of your bill is zero, or a credit, your bill will include only your distributor's fixed monthly customer charge. And if you have more credit than you can apply to one bill you can carry the balance forward for up to one year to offset future costs.

Please note: To cancel a net metering agreement, all you need to do is provide your utility 90 days written notice.



WHO IS ELIGIBLE FOR NET METERING?

- Net metering is available to any MPEB customer who generates electricity primarily for their own use from a renewable source (wind, water, solar or agricultural biomass), using equipment of maximum cumulative output up to 2000 kilowatts in size.



I WANT TO GET STARTED. WHAT'S NEXT?

Net metering is a multi-step process that requires careful consideration. Here are the initial steps you'll need to undertake:

- Find out more about the process. The first step is to contact your local utility company. They can provide details about the technical requirements, the approval process, and how to obtain your net-metering agreement. You may also want to contact MP's Electrical Safety Authority (CEIG) & Urja Vikas Nigam(MPUVN): state nodal agency for Ministry of new & Renewable Energy. They must inspect and approve your system. Along with your utility, the CEIG is responsible for ensuring that your renewable energy system is properly connected to the electrical grid.



- Investigate your renewable energy options.
- Information is available from a range of sources, including renewable energy associations, consultants and vendors, as well as from some farm supply and hardware stores. A qualified supplier will be your key source of information about the most suitable option for you. If you're in an urban setting, a solar array may work best.



- Determine what size system will suit your needs. In order to size your system, identify your individual energy requirements. (An average home uses about 10,000-12,000 kW annually.) You can use your previous bills as a starting point. It's also worth considering what energy requirements you can reduce through, for example, energy-efficient appliances and lighting. Remember, your credits can only be carried forward for 12 months, so there is no value in over-sizing your system. And bear in mind, too, that the maximum production allowable is 20000 kW or 30% of the capacity of the transformer feeding your home. (Most residential transformers allow between 30 and 60 kW of solar rooftop.)



- Or simply contact SSESPL





Shaktisteller Energy Solution Pvt. Ltd

25 years power output warranty
5 years of O&M
Scheduled maintenance
Preventive maintenance
Unscheduled service
Technical assistance

Premium solar rooftop solutions

Premium on-grid inverters
97% efficiency
< 2% Current THD
+20% overloading capacity

High quality premium panels and inverters

1.6 mm Galvanised structure
80 micron coating.
MS Power coated.
Anchor fastnered, RCC mufing.
Wind tolerance ~150-200 kmph

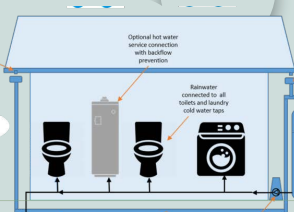
Height/Angle adjustable
for enhanced performance.

Fully customizable
structure.

-Solar
-Biogas
-Electric Vehicles
-Water Harvesting

Dedicated Operation & Maintenance
team

Rain water harvesting
Collect rain water
Store for direct use
Recharge ground water



Kitchen waste based biogas
Portable
Compact (1.4 sqmt)
Reduce LPG usage by ~40%

Indigenously Developed unit



Electric Motorcycle
Rugged
Offroader
100* kmph top speed
(under STC)

Li-Ion operated



Contact

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How much solar can you use ?

Contact us for a free survey

send us your queries : www.shaktisteller.com

50 MWhr of energy and 48 Tonnes of CO2 saved



SCOTLAND INDIA
IMPACT LINK
रहितों की डोर प्रभाव की ओर

2019 Scotland India Impact Link Winner
MNRE Approved/SMERA Certified

2019 state leadership award by Solar Roofs 73+ rooftop connections
MPEB empanelled/DIPP Certified 350 kW+ Solar installed across M.P.