



SOLAMIO AGRO INDIA LLP



COMPANY PROFILE

SOLAMIO SOLAR initiates research and product development of solar PV based systems in 2019 ways aims at quality ,reliability and efficiency. This means, the company uses the best quality materials available, utilizes a through quality production management regime and continuing training for the staff to the needs customers .Renewable energy is the constantly evolving sector and we strongly believe that renewable energy the next revolution after the semiconductor and computer. We are continuously working on introducing new technologies in manufacturing process,service and management practices.

Renewable Energies has been a buzz word for at least the entire last decade in india. Governments both at center and the state have tried to ease solar policy and offer lucrative tax saving options as well as power purchase agreements for investors.In the last one year ,India has raised the solar production target from 40GW to 100GW to be achieved by 2022. Till date about 4.5GW of solar capacity has been commissioned while the aim is to reach 60GW in ground mounted projects and 40 GW in roof top projects .The roof top market has become attractive with clear net metering policies announced recently which helps commercial and industrial consumers move to solar with costs at par with traditional electricity .

SOLAMIO with its experience in design,erection& commissioning of turnkey solar power projects is best placed to assist industrial and commercial establishments save on power costs. Our financial models lay bare the high returns from capital investments made in this sector. We integrate cutting edge solar technologies and equipments into our projects to increase generation and work to ensure the highest levels of client satisfaction through our support system. For us,it is not just a company client relationship –it is a partnership that we enter into to help conserve the environmentthroughafinaacially sustainable solution.

Solar Brings the smile : is not just a tagline for our company but a thought that is ingrained within each of our team members. With the founding members having lived at different times in cities/states across India that battle power outages constantly,we have firsthand experience at the lack of uninterrupted electricity supply hampering daily life and industry. We envisage every industry with available roof space / adjacent space on the ground using the same for meeting part of its power requirements, thus reducing the load on the grid. With a strong liaison network with governments in different states and a reliable association with large land holders in different parts of the country, solamio is poised to use its technical competence to em"power" commercial and industrial establishments to save on expensive grid connected power. Large investors in solar power projects look for the right catalyst to help maximize their gains out of the investments,solamio believes in developing a trustworthy relationship with them while working not as an external entity but with the same dedication as their in-house solar experts.



Our Focus

OUR FOCUS

SOLMIO solar specializes in captive water pumping system, power plant, solar street lighting system .

- Solar power plant (OFF GRID & ON GRID)
- Dual water pumping system for drinking water supply
- Irrigation Purpose
- Agricultural purpose & roof top solar power plant
- Industrial
- Educational Institutes
- Malls
- Hospitals
- Railways
- Airports
- Residential
- Commercials



Option to Consider for a Solar Power Plant Developer

Do you find your electricity bill a bit too hefty?

- Produce electricity on your rooftop
- Set up a Roof Top Solar (RTS) system As soon As Possible

What is RTS system?

A Roof Top Solar(RTS) system consists of solar panels that generate electricity using sunlight and powers your electrical gadgets. If you have no consumption during the day the power flows into the grid through your service line. A net meter keeps account of the outflow and inflow of electricity to and from the grid . DISCOM bills only the net power displayed in the energy meter.

Am I Eligible for Net-Metering?

- The Capacity to be installed by the consumer is limited to the contract Demand/Load Of the Consumer
- For consumers using a separate Transformer for their connection, the Solar Plant Capacity is limited to Contract Demand or 75% of Transformer capacity whichever is less
- Consumers interested to go for Battery Backup must follow the Single Line Diagram approved by OERC

“ Solar Power is Clean & Cost effective , but it also needs time to develop ”

How much does it cost?

CONSUMER CATEGORY	SOLAR PLANT CAPACITY*(IN KW)	MNRE BENCHMARK COST (Rs.PER KW)	SUBSIDY AMOUNT(30% OF BENCHMARK COST)* (Rs.PER KW)
RESIDENTIAL/INSTITUTIONAL	1 KW-10KW	Rs.60,000	Rs.18000
	Above 10kw-100kw	Rs.55,000	Rs.16500
	Above 100kw-500kw	Rs.53,000	Rs.15900
GOVERNMENT	Any Capacity	-	Rs.16250

*Subsidy is applicable only in the range of 1Kw to 500 Kw

*The subsidy Amount will be 30% of MNRE Benchmark Cost or Project Cost Whichever is less.

*Benchmark Cost is as per MNRE Recommendation . However actual project cost depends on agreement between Beneficiary and vendor

Can't it be reduced a bit?

Central Financial assistance up to Rs.18000 per KW is available to individuals, educational institutes, health institutes ,social institutions like NGOs, Trusts etc.

Those Registered under Societies Registration Act 1860 or Indian Trust Act 1882 may also apply.

Can my roof accommodate it?

It needs a shadow free area of only 100 sft(10sqm) per Kw capacity.

Who can install it for me?

SOLAMIO SOLAR(SOLAMIO AGRO INDIA LLP)

Where will the plant come up?

- Ground Mounted Solar PV Power Plant
- Rooftop Solar PV Power Plant

How will the power be supplied?

- Grid connected system
- Off Grid / Hybrid system with battery backup

Who will consume the power generated in the plant?

- Captive consumption by the developer
- Open Access Power Purchase Agreements with Governments / Third Party Consumer

How will the developer earn returns on his investment?

- Feed in Tariff Tender Bases Mechanism
- APPC + REC Mechanism



Why SOLAMIO ?

There are eleven core principles that we at SOLAMIO apply to every solar integration & client engagement.

- **Single Point of Contact & End to End Solutions-** We believe in helping the client out with everything involved in the project. Even after commissioning the project, SOLAMIO provides dedicated operation and maintenance services for 25 years. Irrespective of project size, the client engagement on all fronts is led by a single member of the senior management team.
- **Best Technology-** We believe in offering our clients the best technology available to set up Solar PV plants, Pumping projects & Solar street lighting systems. All equipment used in our projects comes with the highest quality ratings and performance guarantees. Any technology innovation to improve generation or to lower overall costs is incorporated within no time in our plants.
- **Real time Financial Models-** with a clear understanding of cash flows for solar investments, We share real time financial models with the client. This helps the client decide on the funding options and also gives him a clear and true picture about his return on investments. We incorporate all taxation/subsidy rules to be followed treating the project as an independent investments. Solar savingsheets are shared to compare savings in case of captive consumption.
- **Environmental Responsibility-** All our decisions are made in the context of the environmental crisis. We seek to do not harm. Wherever possible our acts should seek to decrease the problem.
- **Innovation/Product Quality/Efficiency-** Maximum attention is given to product quality and innovation as defined by durability, Minimum use of resources, non-obsolence, efficiency in the application to the task, ease of use, reliability and recyclability. Simplifying products and systems is a primary focus seeking the lowest common denominator & greatest sol efficiencies of design, installation, cost and function. We pledge our devotion to high quality responsive customer service. We are committed to employee education, training and certification and recognize the vital importance of these things to achieving innovation, quality and efficiency.
- **Quality Assurance & Warranty-** We have realized that any investor or Power developer looks to build a 'BRAND' out of the project he invests in / develops. Performance of the plant, warranty on equipment that we use and assurance of generation of power are the goals which we aim to achieve with every client.
- **Profitability and Sustainability-** We seek to profit from our activities, but that is not our primary objective. Money is our fuel, not our goal. Growth and expansion are also not primary goals. Our goal is to operate in a sustainable manner that will provide long term, high quality employment for all our employees.
- **Giving-** To help support other environmentally and community minded efforts we impose on ourselves an annual tax equal to 10% of profits for which all proceeds will be granted to local community and environmental activism.
- **Individually Responsibility-** We all pledge to work as a team.
- **Communication-** We all pledge to take a personal and caring approach in communication and to do so in a timely Manner.
- **Honesty and Integrity-** We all pledge to be ethical and honest in our business practices.

“To truly transform our economy, protect our security and save our planet from the ravages of climate change, we need to ultimately make clean renewable energy the profitable kind of energy.”

Barrack Obama



What Does SOLAMIO Take care of ?

We handle EVERYTHING for the client, investing in a Solar PV Power Plant, Pumping System & Solar street lighting system with SOLAMIO ensures a hassle free growth for the said investment over the next 25 years. Briefly, We take care of the following-

✓ **Site Survey**

- Comprehensive Engineering Assessment

✓ **System Design**

- Structure Analysis
- Array Layout
- Electrical Specification

✓ **Permissions and Approvals**

- Customer Review
- Building Permit Approvals
- Statutory Clearances & Approvals

✓ **Installation**

- Construction
- Periodic Inspection

✓ **Monitoring & Maintenance**

- Solar Production
- Energy Consumption
- 24 hrs System Monitoring

✓ **Utility Interconnection**

- Permission to Operate

✓ **Final Inspection & Commissioning**

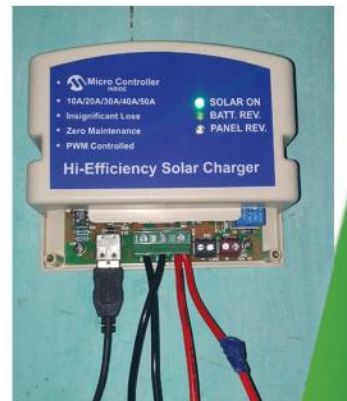
- Quality Control
- Quality Assurance
- Punch Point Liquidation
- Flawless Startup

✓ **Preventive Maintenance**

- Critical operational function
- Failure modes that can be prevented (and not increased)with regular maintenance
- Have a likelihood of failure that increase with time or use



Indicative Projects Completed by SOLAMIO



"It is really cool to have a solar panel on your roof, to produce your own electricity"

Bill Gates



Indicative Projects Completed by SOLAMIO



"The future of this planet is in Green , Renewable and Sustainable Energy"

Arnold Schwarzenegger



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