



P I N N A C L E

To serve - Knowledge Power ~ Power knowledge



www.pinnaclepune.co.in
www.pinnacleengineeringsolutions.com

COMPANY OVERVIEW

P I N N A C L E **ENGINEERING SOLUTIONS (India) Pvt. Ltd.**

is basically result oriented Engineering company based in India. The main focus of its operation are Open Access, Power Trading wherein we provide comprehensive services ranging from Consultancy to Commissioning and AMC of the complete system. Our aim is to serve client with all the best in industry engineering solutions required to achieve their goals by delivering prompt services with utmost professional approach.





MISSION



To become No. 1 company providing End-To-End Engineering Solutions to Domestic, Commercial, Industrial & Government / Private Consumers.

VISION



We are on a S.M.A.R.T. (Specific, measurable, attainable, realistic and time- bound) way to spell our name in Indian Power Sector.

OUR EXPERTISE



CONSULTANCY

TRADING

PROJECTS

SERVICES (AMC)

PINNACLE ENGINEERING SOLUTIONS (India) Pvt. Ltd. is basically result oriented engineering company based in India. The main focus of its operation is Open Access & Power Trading wherein we provide comprehensive services ranging from CONSULTANCY to COMMISSIONING along with AMC. Integrated energy player and expertise to create products for its esteemed customers to cater their energy needs as well as adding value to its existing renewable energy portfolio.

PINNACLE has been encouraging and developing renewable sector for quite long. At times when conventional energy tariffs are increasing @ 4% annually and solar energy tariffs have fallen well below DISCOM Tariffs. PINNACLE, in its endeavor to provide power solutions to its esteemed clients, presents multiple solar power solutions to esteemed clients. These solar power solutions will not only reduce client's power procurement expense but also help in their meeting Renewable Purchase Obligation (RPO).





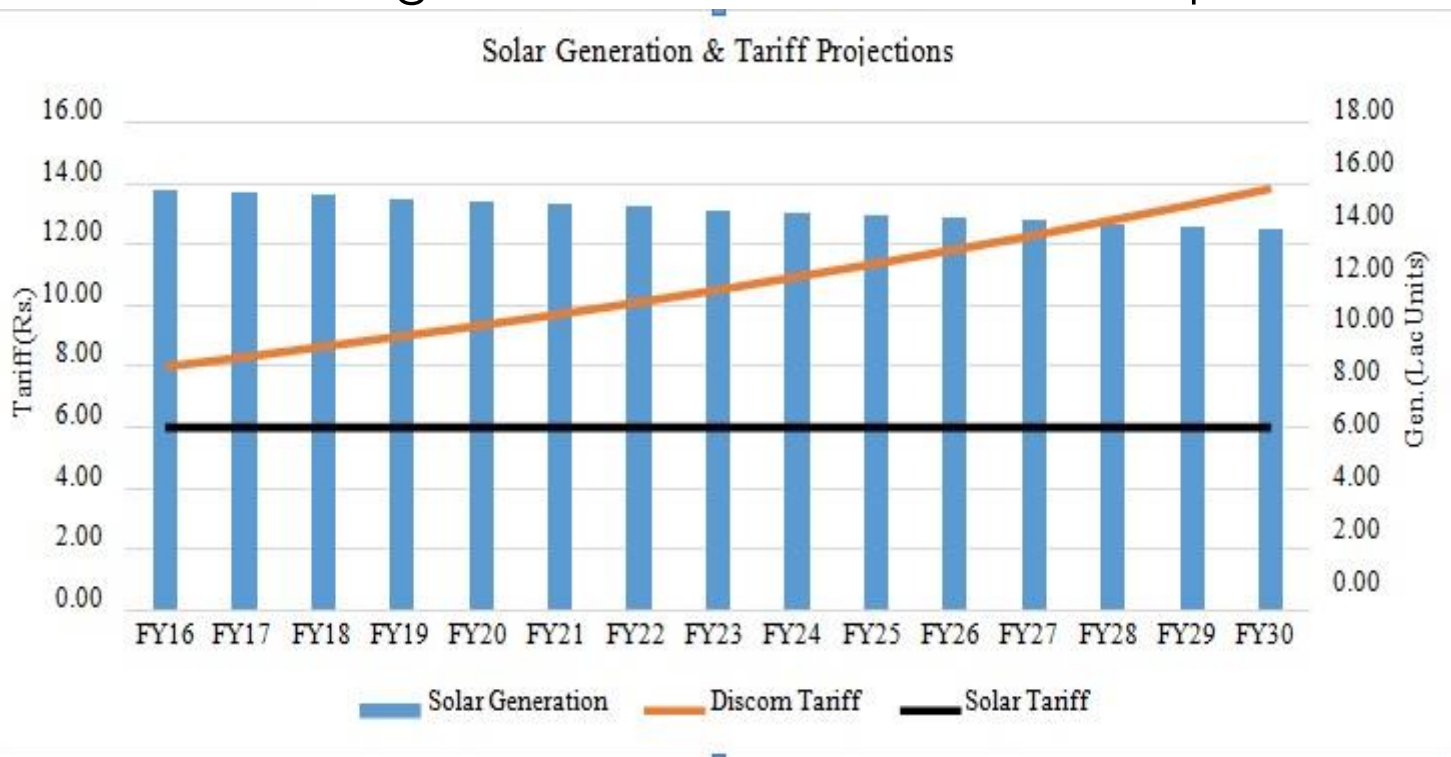
Parameters	NET METERED SOLAR ROOF-TOP	ABT METERED SOLAR PLANT CAPTIVE / OPEN ACCESS
Capacity Capping	1KW Up to 500 KW	$\geq 1 \text{ MW} \leq \text{Consumer Contract Demand}$
Location	Within Consumer premises	Outside consumer premises
Benefits	Utility consumption reduces by the generation of units without any additional charges by Utility	Lower as compare to Net Metering since Utility losses and charges are applicable
Model	Capex / Opex	Capex / Opex

OPEX Model: Savings*



- ✚ Assuming DISCOM Tariff at Rs. 8.0/kwh, escalating @ 4% and Solar tariff at Rs. 6.0/kwh; @ no escalation.
- ✚ The present value of Savings (discounted @10%) from a 1MW in 25 Years comes out be over Rs. 6.6 Crores /MW. (or Rs. 1.9/kWh)

This saving comes with no investment/expense from



****Saving model is indicative for understanding; assumption may vary depending on state regulations, project site, technology, etc.***



PROJECTS

We have completed numerous projects while working with our esteemed clients. The projects were for Roof-Top and are of ground mounted incase of larger capacities. For your information we are providing list of solar projects we worked on as per the next slide while delivering services of Consultancy and ABT / Net Metering.

SOLAR PROJECTS COMPLETED WITH REPUTED COMPANIES



Client Name	End Client Name	Capacity of Plant	Nature / Scope of work
U-Solar Clean Energy Solutions Pvt. Ltd	WHIRPOOL India Pvt Ltd	1.000	CEIG approval & MSEDCL NOC for 1MW solar plant
Mahindra EPC Services Private Limited - Chakan	Mahindra Vehicle Manufacturing Ltd	0.350	Professional fees towards obtaining drawing approval from CEIG for 350.3 kW solar rooftop project MVML, Chakan
Mahindra EPC Services Private Limited - Chakan	Mahindra & Mahindra Limited	0.200	Professional fees towards obtaining drawing approval from CEIG for 200.32 kW solar rooftop project M&M, Kandivali
Mahindra Susten Private Limited	Mahindra Susten Private Limited	0.250	obtaining NOC from MSEDCL for Solar Rooftop Project of 250KW Tech Mahindra Ltd. MIDC III, Main Road, Hinjewadi, Pune.
Mahindra Susten Private Limited	Mahindra Susten Private Limited	0.650	Professional fees towards of CEIG approval for Solar Rooftop project 650KW Mahindra Steel Project Pune
Mahindra Susten Private Limited	Mahindra Susten Private Limited	0.650	Installation of NET Meter and professional fees for approval from MSEDCL at 650KW Mahindra Steel Project Pune
WHIRPOOL India Pvt Ltd	WHIRPOOL India Pvt Ltd	1.000	Consultancy charges for service charges for net metering work
Span Pumps Pvt Ltd	Span Pumps Pvt Ltd	0.310	MSEDCL Consultancy Charges for Akar Foundry
Span Pumps Pvt Ltd	Span Pumps Pvt Ltd	0.087	MSEDCL Consultancy Charges for Kothari Bavdhan, Kharadi, Chinchwad
Nimoto Solar Pvt Ltd	Nimoto Solar Pvt Ltd	0.500	Net Metering Approval for 500 Kwp rooftop Solar PV
Clean Max Enviro Energy Solutions Pvt Ltd	Clean Max Enviro Energy Solutions Pvt Ltd	0.200	Drawing Approval & Final Charging Permission USL, Baramati for 200 Kwp
Mahindra Susten Private Limited	Mahindra Susten Private Limited	0.350	Prof. fee of CEIG approval for MVML Chakan Project
Enrich Solar Services Pvt Ltd	Enrich Solar Services Pvt Ltd	50.000	Consultancy charges for 19 Location
M/s Black & Veatch Management Consulting, LLC	MICROSOFT	100.000	Submission of Preliminary Evolution, Draft Report & Section Criteria, Submission and Acceptanc eof Final report
Olon Active Pharmaceutical Ingredients India Pvt. Ltd.	Olon Active Pharmaceutical Ingredients India Pvt. Ltd.	10.500	Part 'A' To evaluate techno-commercial aspect of 10.5 MW Solar Captive Power Plant Evaluation Procedure: 1. Technical Viability: <u>Part 'B'</u> i.e., vetting of PPA in line with the existing government guidelines.

ADVANTAGES OF

P I N N A C L E



- Rich experience & knowledge gained while working on Open Access & ABT Metering in Maharashtra since 2010.
- Excellent Team of Professionals having rich experience of the Industry.
- Consultancy to Commissioning & little Beyond (Post Open Access) Services under one roof.

HUMBLY SERVING

 MAHATRANSCO <small>Maharashtra State Electricity Transmission Co. Ltd.</small> Maharashtra State Electricity Transmission Co. Ltd.	 MAHAVITARAN <small>Maharashtra State Electricity Distribution Co. Ltd.</small>	 कर्मचारी राज्य बीमा निगम Employees' State Insurance Corporation <small>(Ministry of Labour & Employment, Government of India)</small>	 ARAI [®] <i>Progress through Research</i>	 मध्य रेल	 PTC India
	 OWENS CORNING	 TATA COMMUNICATIONS	 GOODYEAR	 Idea	 CEAT
 susten <small>By Mahindra</small>	 ThyssenKrupp	 Whirlpool	 Sterlite [™]	 TATA MOTORS	 Fortum
 ACC ACC LIMITED	 ORIENT CEMENT	 UltraTech CEMENT <i>The Engineer's Choice</i>	 INOXWIND <i>Energizing INDIA</i>	 FIAT	 Cargill [™]
 WOCKHARDT LIFE WINS	 PEPSICO	 RELIANCE	 GAR	 SKF	 KALYANI
 Supreme <small>People who know plastics best</small>	 JSW Energy	 WESTIN HOTELS & RESORTS	 Sun-n-Sand	 STTelemedia <small>Global Data Centres</small>	 Enrich [™] <small>The Solar People</small>

CONTACT

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 **THANK YOU!** 