



PHOTON SOLAR ROOFTOPS



Why Solar Rooftops ?



- Convert unused rooftop space into productive solar rooftop power plant & generate solar power
- Connect to your existing electricity bus, no internal wiring changes required
- Consume all solar power generated instantly, no battery back-up required
- Will work even during diesel generator usage
- Save and reduce your electricity bill every month with the amount of solar power generated set-off
- Continuous savings from present high utility and diesel power prices
- Future savings from year-on-year increases in utility and diesel power prices

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Why Solar Rooftops ?



Increase Bottom Line: Invest in Solar Rooftops, profit from clean energy, save tax & get superior returns than any other investment option

Improve Building Life: Reduce HVAC costs (solar rooftops reduce indoor temperatures by up to 5 °C), Solar panels add a protective layer to your roof

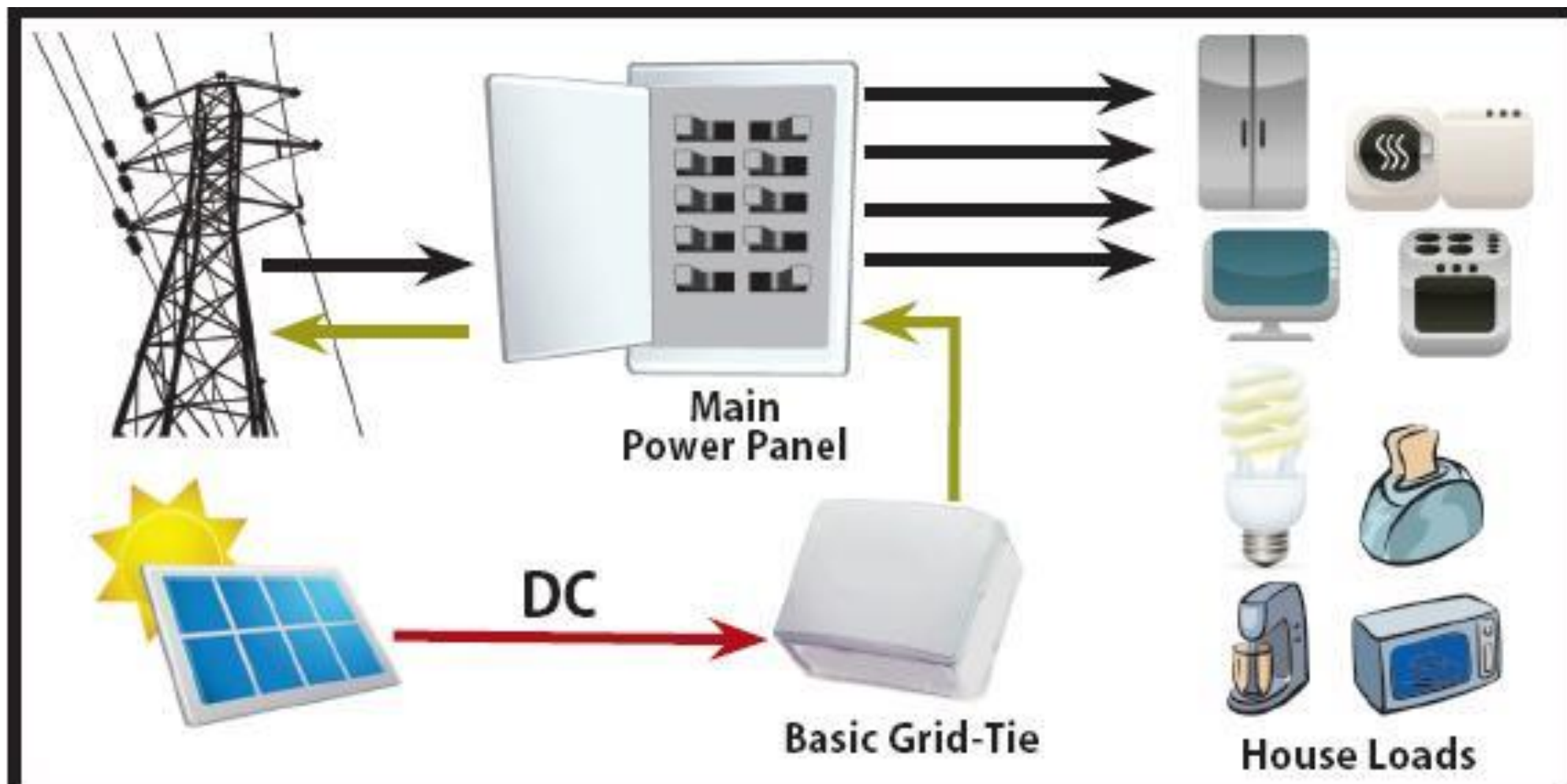
Profit from Clean Energy: Solar panels generate clean & green power from the planet's most reliable and safest energy source—the sun

Tariff Lock in: Solar power unit tariff lock-in for plant life of 20 years, Grid tariff will always continue to increase as fossil fuel costs increase

Save Income tax: – Solar rooftop investments are eligible for accelerated depreciation and a payback of less than 5 years after which solar power is free for the lifetime of the plant – 20 years

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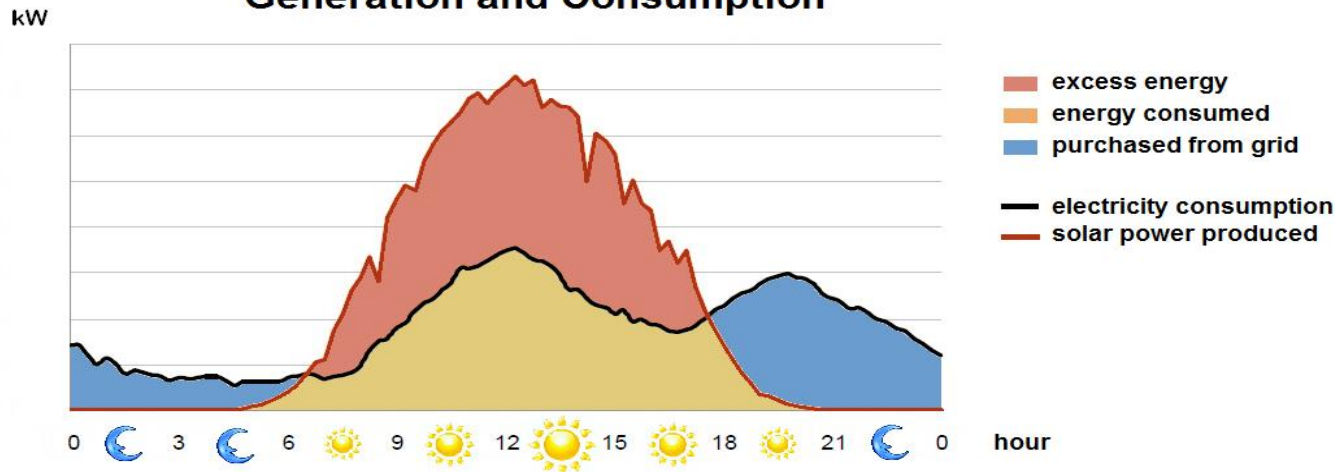
Technical Overview



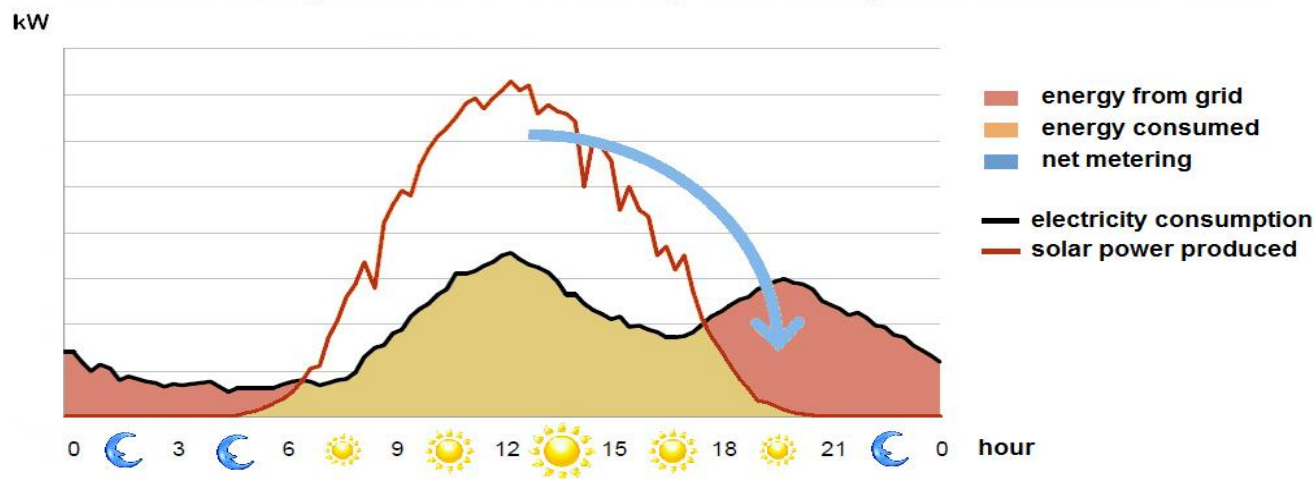
SOLAR ROOFTOPS net metering



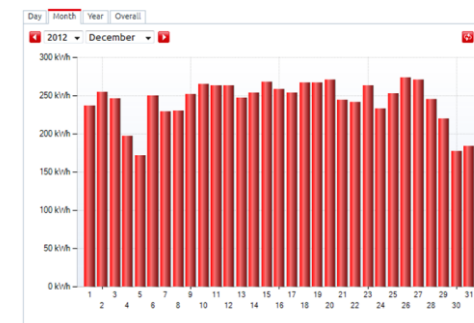
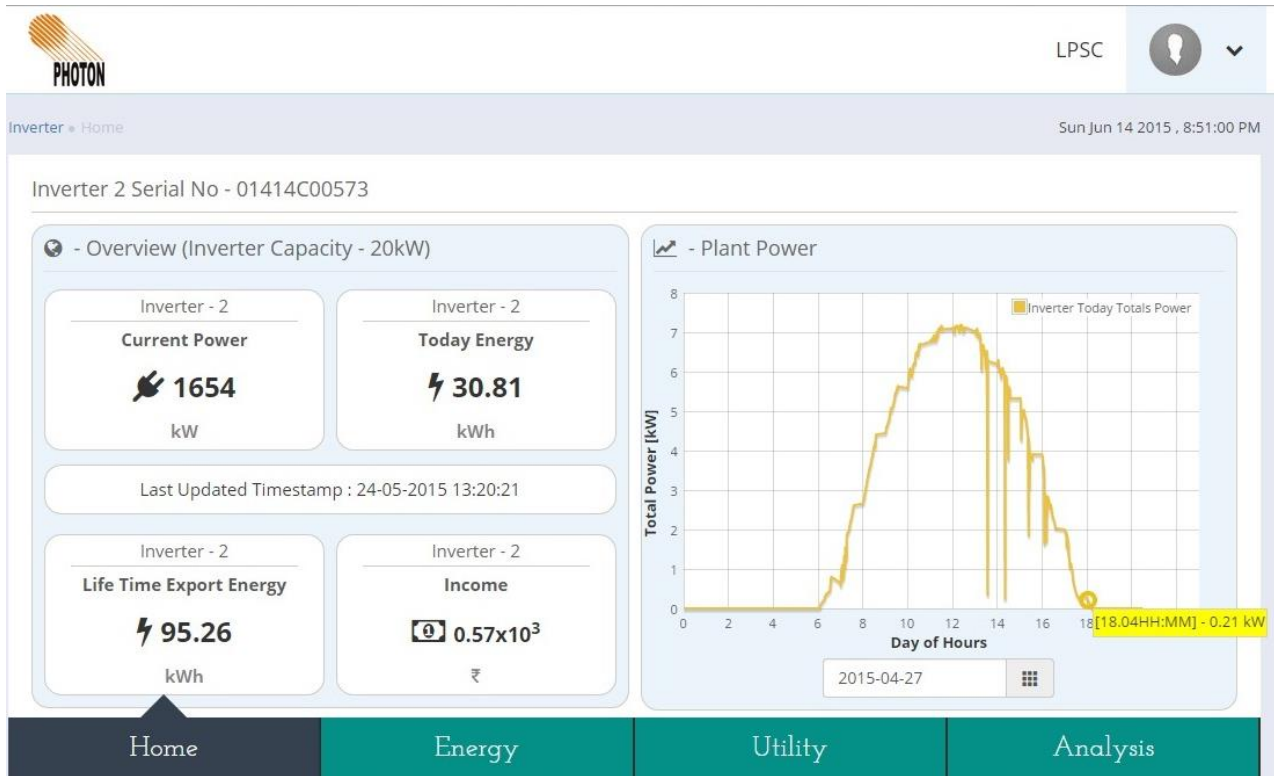
Generation and Consumption



Net Metering Allows Electricity Consumption When Needed



Smart Monitoring, Sensing and Load Control



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COMPANY PROFILE



- Photon Energy Systems Limited since 1995 is India's leading solar company, providing a wide range of Solar Solutions – Solar PV Modules, Solar Power plants (Megawatt & Rooftop) and Solar Thermal (Water Heating) Solutions.
- The module manufacturing unit located at Hyderabad is ISO9001:2008 & ISO14001:2004 certified by TUV and equipped with state-of-the-art facilities. This division presently has a production capacity of 50 MWp producing crystalline modules
- Thermal Division is the first Indian company to have a manufacturing facility for ETC based Solar heating systems with state-of-the-art machinery for manufacturing tanks & flat plate collectors
- Solar Power Solutions (EPC) division is among India's major EPC companies have installed over 125MWp capacity



Company Highlights



One of India's oldest Solar PV & SWHS Brands since 1995

125 MWp Utility Scale Solar Power Plants & Solar Rooftop Plants Installed & commissioned. 25MWp under execution

Over 300 million units of Solar Power generated

First Utility Scale 3MWp Solar Power installed in India, first & largest Solar Power Plant with single-axis tracking in India

Marquee Customer base – NTPC, NLC, ISRO, Tata Power, APGenco, Karnataka Power, Eenadu Group, Dr. Reddy Labs, E.I Dupont

Installed and commissioned India's first Solar Seawater Desalination plant

SOLAR ROOFTOPS - ISRO



ISRO - 3060 KW SOLAR ROOFTOP INSTALLATION

SOLAR ROOFTOPS – KISS University



KALINGA INSTITUTE OF SOCIAL SCIENCES
500 KW SOLAR ROOFTOP INSTALLATION

SOLAR ROOFTOPS – Corporate Buildings



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SOLAR ROOFTOPS – Corporate Buildings



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Car Parking Lots & Bluescope Installations



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Thank You

Solar Energy for today & tomorrow

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