



DLE EDGE

New Generation Workplaces

6th Edition

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Solar Power A New Shine on Sustainability



Solar Power – A New Shine on Sustainability

Do you wonder if development and urbanization in metros like Delhi, Mumbai, Bangalore, Gurgaon, and other cities can be sustainable in the long term?

Amit Grover, National Director (Offices) says, “Resources are scarce and fast depleting. In such a situation, countries and companies are eyeing at 'sustainable development'. Given the limitless and clean nature of renewable power sources like Solar, Hydel and Wind energy, India is now increasingly taking steps to exploit the potential of these sources in its journey of becoming a 'self-sustainable' country.

Moving Ahead in Our Goal – SUSTAINABILITY



“DLF is installing rooftop Solar PV Projects to the tune of 257 KW at office buildings in DLF Cybercity. The realty major has signed agreements with renowned solar power companies like the UK-based Aniron Solatricity and India-based Azure Power India to install Solar PV Projects on the rooftops of all DLF owned commercial complexes”.

C P Poonacha

Senior Executive Director



“This is a unique solar project that DLF is spearheading in its journey of building an environment friendly and sustainable infrastructure. We hope that our solar power generation will spur similar movement by others in the industry and beyond to look at

solar energy as a serious source and build a self-sustainable country.”

Gautam Dey

National Head,
Customer Assurance

Total 3000 KW of Solar PV projects to be installed on the rooftops of DLF Offices and Malls Pan India.

However, this is just the beginning for us. After detailed technical surveys done and analyzed for all DLF owned commercial complexes, the company will be installing a total of 3 MW of solar electricity capacity on existing sites with 4.22 Million units per year generation. This energy generated shall be added to the main power source of respective buildings. Currently about 130 kilo watts of the planned 3 MW has been already been commissioned in three buildings.

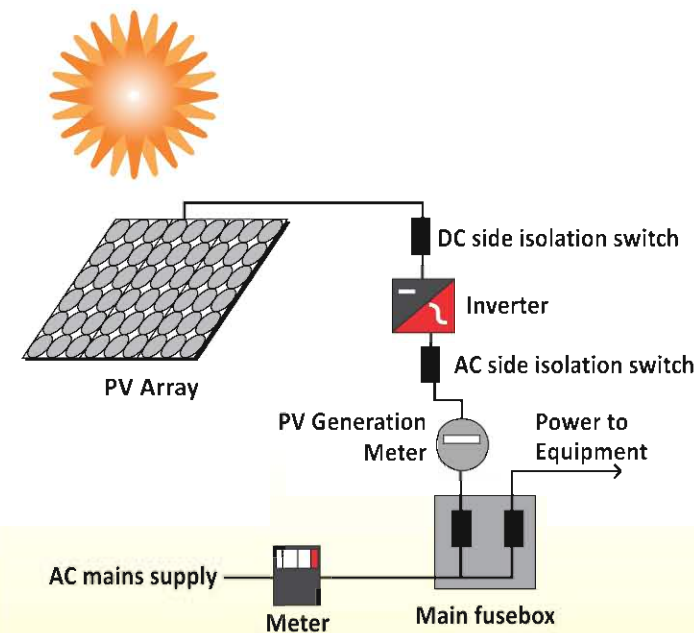
Why Solar?

- Solar power is a renewable and natural resource and hence reduces carbon emissions.
- Solar power is non-polluting.
- As cost of electricity generation from other sources is on the rise, it is now commercially viable to generate solar energy.
- Generation of peaking power (power is produced when needed most)
- Flexibility to design projects as per roof space availability and roof design.
- Simple to design and implement and less time required for installation. The total project from concept to commissioning takes a few months for completion.
- Light and energy from the sun costs nothing. Once you purchase the equipment to collect and convert energy from the sun, it costs you nothing to run.
- Low on maintenance cost, the solar power generation is a silent process and can last a lifetime



▲
257 KW of Solar PV projects has been commissioned on the above buildings.

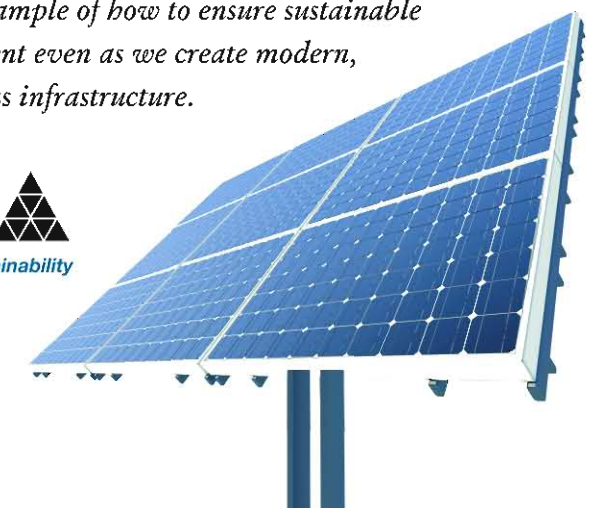
Technology in use: The photovoltaic (PV) converts sunlight into electric current as DC electricity. This is further converted to AC electricity through the inverter which can be then either exported to the grid or used directly.



Further to the installation of highly efficient and environmental friendly natural gas based co-generation plants for supply of electricity and chilled water(for air-conditioning), DLF has taken action for installation of roof top solar PV power generators with aggregate capacity of 3000 KW at the office buildings and malls, Pan India. This includes about 1000 KW solar generators on the roof tops of buildings in the Cyber City, Gurgaon. DLF has signed agreements with renowned solar power companies like UK based Aniron Solatricity and India based Azure Power Ltd to set up these solar plants and already plants of 257 KW have been commissioned and generating electricity.

DLF (RENTCO) has current leased portfolio of approx. 26 mn sq ft of “Grade A” commercial/IT workspace spread over key locations like New Delhi, Gurgaon, Noida, Chennai, Hyderabad, Kolkata, Pune and Chandigarh and premium & super luxury malls in NCR.

DLF's solar initiative is all set to become another shining example of how to ensure sustainable development even as we create modern, best-in-class infrastructure.



Cut here

DLF
Cybercity
 India's Largest Integrated Business District
Master Plan



- Open / Green Area
- Rapid Metro Line
- Skywalks (coming up)
- 16 Lalle Road (coming up)
- Surface Parking
- Rapid Metro Station
- Fire Station
- Multi-level Car Parking (coming up)
- Operational Bldg (Non SEZ)
- Operational Bldg. (SEZ)
- Residential
- Hotels and Recreation

Map not to scale

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With effect from 1st April, 2013, DLF has outsourced the general maintenance to "Jones Lang LaSalle" and "Cushman & Wakefield" for our leased office buildings portfolio pan India.