



Solar + Wind: Hybrid Power Plant

Are you interested to cut down your
Electricity Bills for more than
50% without any Power Cuts
for 25 Years ?

**We are offering you - One of the Advanced Technologies Available on this planet.
Contact Us - We will help you to Freeze your Commercial / Industrial / Residential
Electricity Bills at less than Rs.4.7 / Unit for 25 Years.**

BENEFITS

- Hybrid Power Plant can be shifted to a different location / building multiple times if required in 25 Years [Eg.: Buildings on Lease]
- Generates Electricity even during Heavy Rains / Cloudy weather, if there is minimum Wind Speed of 2.5 m/s.
- Hybrid Power Plant generates 24 X 7 & 365 days a Year.
- Easy to mount on any rooftop; No complicated masts, Guy wires, or Towers.
- Simple ballasted installation that avoids roof penetration.
- Visually engaging design complementing building façade.
- Environment-Friendly, Silent operation, No Vibrations
- Extended Battery Life due to 24 hrs power generation.

Performance Advantages

- Roof-Top Solar & Wind Hybrid Energy System.
- Stable 24-hour power production capability.
- Higher power density per square foot. 50% Less space required than Only Solar Power Plant.
- Scalable power generation.
- Automatic Mechanical brakes are applied at high-speed winds beyond 18.5 m/s.
- Appropriate for ON-GRID / OFF -GRID applications.
- Minimizes backup battery storage requirements.
- Online tool for power generation monitoring available for Large Scale Projects.

FEATURES

- Minimum Building Height required for Installation: 20 + Feet.
- Cut-in wind speed – 2.5 m/s & Cut-out wind speed – 18.5 m/s.
- Integrated Maximum Power Point Tracking (MPPT) with “smart” bus logic control technology – 48vDC.
- Simple mounting process.
- Easy Assembly & Minimal running maintenance required for 25 Years.
- Customized colours available.
- Temperature sensing electronics for thermal protection.
- Able to withstand temperature ranges from -30°C to 50°C.
- Total Weight with panel – under 105 kg/ KW.



**CRISIL
RATED
COMPANY**

**MNRE APPROVED
CHANNEL
PARTNER**

**India Ratings
& Research**
A Fitch Group Company

**FITCH GROUP
RATED
COMPANY**

Innovative Daylight Harvesting

Product designed to invite Sunlight into dark space of your building without heat.
Return on Investment in less than 2.5 years for a 25 Year Product.

NooriKool: Advanced Daylighting System



FEATURES

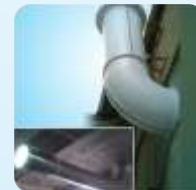
- Manufactured with high impact strength, UV Resistant, Prismatic Polycarbonate Lens
- More than 1500 Sqft of Area coverage with High Light Transmission
- Lumens Output : 60,000 lumens

Advantages

- Less than 2% of roof occupancy for Daylighting
- Qualifies for IGBC + GRIHA + LEED Credit Ratings

Solar Light Pipe

Light Pipe Size	Equal Wattage of Electrical Lighting [Metal Halide Lamp]	Lumen Output	Energy Savings	Area Coverage
750mm [30"]	475 Watts	22,000 Lumens	1800 Kwhs	1000 Sqft
530mm [21"]	300 Watts	12,000 Lumens	1100 Kwhs	500 Sqft
400mm [16"]	180 Watts	8,000 Lumens	650 Kwhs	350 Sqft
300mm [12"]	90 Watts	4,000 Lumens	320 Kwhs	150 Sqft



BENEFITS

- Maintenance free product designed for 25 + Years
- Save on Lighting bills from Sunrise to Sunset
- Uniform diffused Lighting across the floor area
- Rejects Heat upto 95 % & UV Radiation.
- Daylighting Integration with Electrical Lights.
- Co2 Emission Reduction

Ventilight – Daylight + Air Ventilator

- Integrated System with Natural Daylight + Air Ventilator
- Exclusively designed for Industries / Warehouses / Commercial Spaces.



Useful in Various Spaces

- Industries / Warehouses / Manufacturing Units / Commercial Buildings / Shopping Malls / Schools / Colleges / Kalyan Mantaps / Government Buildings / PEB Roof Industries / Hyper Retail Stores
- Roof Type: Metal Roof / RCC Roof / Asbestos Roof Buildings

**WARRANTY
5 YEARS**



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