



clean energy
meeco India Pvt. Ltd.



EDUCATION NEEDS
ELECTRICITY



SOLAR FOR SCHOOL

MOVING TOWARDS SUSTAINABILITY

Willing to take a shift towards more sustainable patterns of energy consumption, an Indian school in Haryana called upon The meeco Group to implement a hybrid solar power plant. By providing schools with access to clean energy, meeco also encourages next generations to learn more about environmental conservation and to assimilate the value of sustainability, in order to make these young people become environmental guardians.

EDUCATION NEEDS ELECTRICITY

Connected
Load - 15 kW

Running
Load - 8 ~ 9 kW



Tubelights in
Classrooms



100+
Fans



10 Desktop
Computers



Water
Cooler

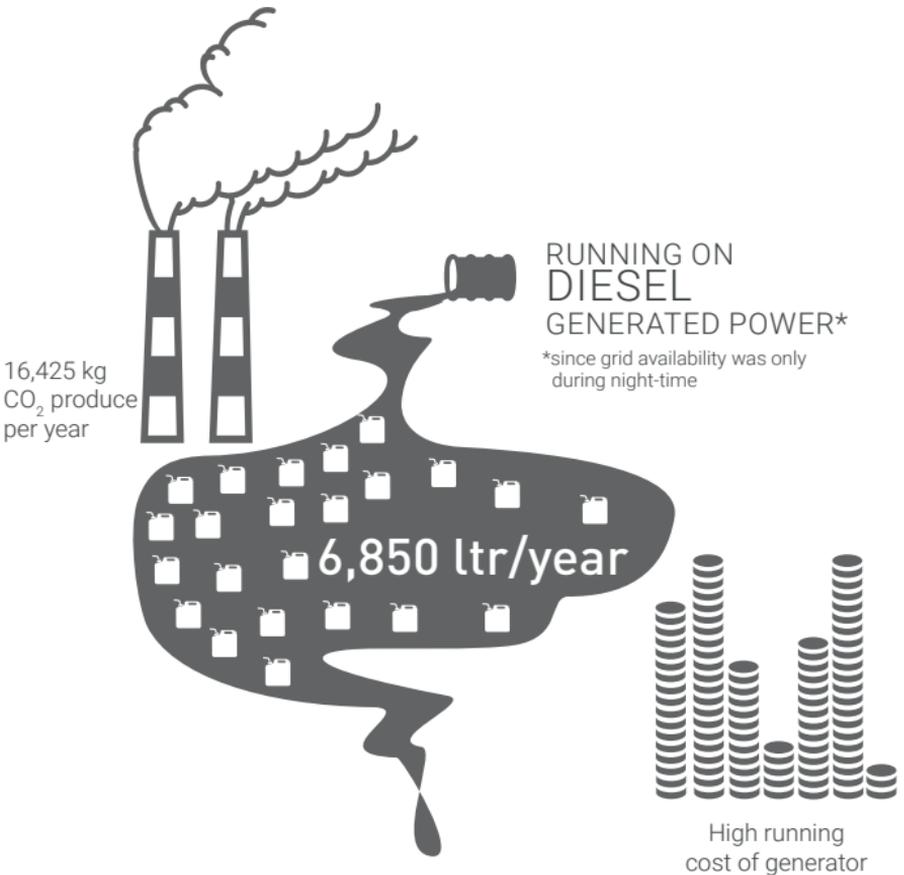




ELECTRICITY CRISIS

POWER GENERATION VIA DIESEL

For years, the Shiv Public School in Gurgaon has been severely affected by the electricity crisis, attributed to absence of reliable grid power in the semi-urban and rural parts of the country. Willing to circumvent the area's erratic and unreliable power supply, the Indian school, which was up to now completely running on diesel generated power, decided to switch to solar Energy.





POWER GENERATION

VIA SOLAR

A 13.4 kWp PV installation combined with a solar energy management system called sun2safe – designed and produced by the Swiss-based clean energy provider The meeco Group – has recently been installed at the school, which is now able to save up to 6,850 litres of diesel per year and avoid 13.4 tons of CO₂ emissions annually.

sun2safe

SOLAR POWER
GENERATION ONSITE



13,4 KW
PV PLANT
ON THE ROOFTOP



15 KVV
sun2safe
+ 24 KWH BATTERY BANK



RETROFIT
LED
REPLACING LIGHTING

TRANSFORMER BASED SOLUTION
TO TACKLE INDEPENDENT LOADS



GREEN INVESTMENT FOR OUR FUTURE



BENEFITS OF SOLAR ENERGY ENJOY SAVINGS TODAY

This solar initiative enables the educational facility to tackle rising electricity bills by reaching a new level of autarky through energy self-sufficiency and independence from the national grid.



Cost savings in the excess of
Rs. 8,5 Lakh/annun



CO2-Footprint
(Avoidance of 13,400 kg of
CO2 annually)



Independence
from future increases
in grid tariff



We are faced with an unreliable grid and have been dependent on generating power from Diesel Generators to run the school for the past several years. The meeco Group have come along and helped us in achieving the goal of independence from diesel and replace it with clean and green power from the sun. We are shaping young minds for tomorrow and we believe that we have set the right example in front of our pupils by installing the Solar Power Plant. The Solar Plant is taking care of complete needs of the school including Lighting, Fans, Water Coolers and Computers. The project has been completed in few weeks by meeco with quality and achieved this transformational result for us.

Mr. K.N. Gupta - Director of Schiv Public School





SHIFTING TO SOLAR USING THE SUN

ABOUT

meeco India Pvt. Ltd.

Already since 2010, the Swiss-based clean energy provider, The meeco Group, espouses a sustainable power supply by responding to the burgeoning energy demand challenges in India. Since then, more than 60 MWp of photovoltaic projects have been completed and a remarkable progress could be recognised. Concurrently, meeco's expansion, through its subsidiary, meeco India Pvt. Ltd., is actively contributing to the development of the whole country and pushes forward global sustainability.

Our services and solutions include:

- **clear advisory services:**
strategic consulting, project services, financial advisory and communications
- **oursun™ turnkey solutions:**
grid-connected and off-grid solutions, sun2go portable solutions and energy storage solutions
- **asset management services:**
on-going site services

The meeco Group delivers these services and solutions via regional offices located worldwide to ensure we address local requirements and community needs.



For more information, please email
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