# COMPANY PROFILE

**ECO GLOBAL SALES CORP** is a vertically integrated, end to end alternate energy services provider. We are registered CLASS 1 channel partner with state govt nodal agency.

- PEDA (Punjab Energy Development Agency)
- MNRE (Ministry of New & Renewable Energy) Govt. of INDIA.
- PSPCL (Punjab State Power Corporation Limited)

In last 4 years we have installed more than 6MW of Solar Plants consisting of 2KWp to 500KWp Capacities. Eco Global Sales Corp was founded on the principle of a sustainable future. Our goal is to educate our customers in solar and its implementation and provide them the opportunity to contribute to reduce greenhouse gas emissions and help reverse global climate change. We believe that an educated customer is an asset to the society. Also we believe in delivering top quality products to its customers. Our products consist of top quality raw materials and are crafted with excellent workmanship to deliver top notch performance in extreme conditions. As a company with our network of alliances enables us to procure the best equipment at low prices for our customers.

Eco Global Sales Corp also Distributor of **Vikram Solar** for Punjab (Except Rupnagar, Patiala, Fatehgarh Sahib). You can also find us at Vikram Solar Official Website under "Find a Dealer" Tab for Entire Punjab (Except Rupnagar, Patiala, Fatehgarh Sahib)

**Why you should choose us:**

- ✓ We are empanelled with PSPCL for installing Solar under 1KW to 500KW
- ✓ We are also empanelled with PEDA for installing Solar on Govt Buildings under all Categories (i.e. 1KW to 500KW).
- ✓ We exist at your local level and also got special expertise for solving PSPCL Billing Problems
- ✓ We got VIKRAM SOLAR (One of the few TIER 1 Companies in India also the first one to get the Tier 1 Tag)
- ✓ Vikram Solar gives 27yrs Warranty not 25yrs like other companies
- ✓ We ECO GLOBAL SALES CORP as Punjab distributor for Vikram Solar can give faster delivery than others
- ✓ Tie up with the world class companies for Inverters and other BOS.
- ✓ Use of High Efficiency Cells delivering high performing PV panels
- ✓ Prompt Delivery & Gold standard customer service.
- ✓ More than 1500 customers all over the Punjab.

# Some of Our Esteemed Customers

**420KWp Solar Grid Tied Power Plant at GNA House, Jalandhar**

**300KWp Solar Grid Tied Power Plant at GNA University, Phagwara**

**150KWp Solar Grid Tied Power Plant at Civil Hospital, Sultanpur Lodhi**
**( Under Smart City Sultanpur Lodhi Project )**

**150KWp Solar Grid Tied Power Plant at AVON Cycles Ltd, Ludhiana**

**380KWp Solar Grid Tied Power Plant at Guru Nanak Cold Store**

**150KWp Solar Grid Tied Power Plant at Sahi Poultries, Batala**

**50KWp Solar Grid Tied Power Plant at Prabhakar Marbles, Phagwara**

**70KWp Solar Grid Tied Power Plant at Poonam Hotel, Phagwara**

**30KWp Solar Grid Tied Power Plant at JD Restaurant, Hoshiarpur**

**80KWp Solar Grid Tied Power Plant at Khanna Educational Society**

**50KWp Solar Grid Tied Power Plant at Gurudwara Nanaksar Sahib, Jagraon**

**20KWp Solar Grid Tied Power Plant at NBSD School, Sangrur**

**55KWp Solar Grid Tied Power Plant at Hari Singh Public School, Chella**

**20KWp Solar Grid Tied Power Plant at Bhai Ghanaiya Ji Sewa Kender, Phagwara**


**30KWp Solar Grid Tied Power Plant at GNA Aviation Wing, Phagwara**

**20KWp Solar Grid Tied Power Plant at Khehra Finance, Sarchur**

# Environmental Benefits of Grid-Tie System

Carbon dioxide is responsible for more than 50% of the man-made greenhouse effect, making it the most important contributor to climate change. It is produced mainly by the burning of fossil fuels.

The most important feature of solar PV systems is that there are no emissions of carbon dioxide - the main gas responsible for global climate change - during their operation. Although indirect emissions of CO2 occur at other stages of the lifecycle, these are significantly lower than the avoided emissions.

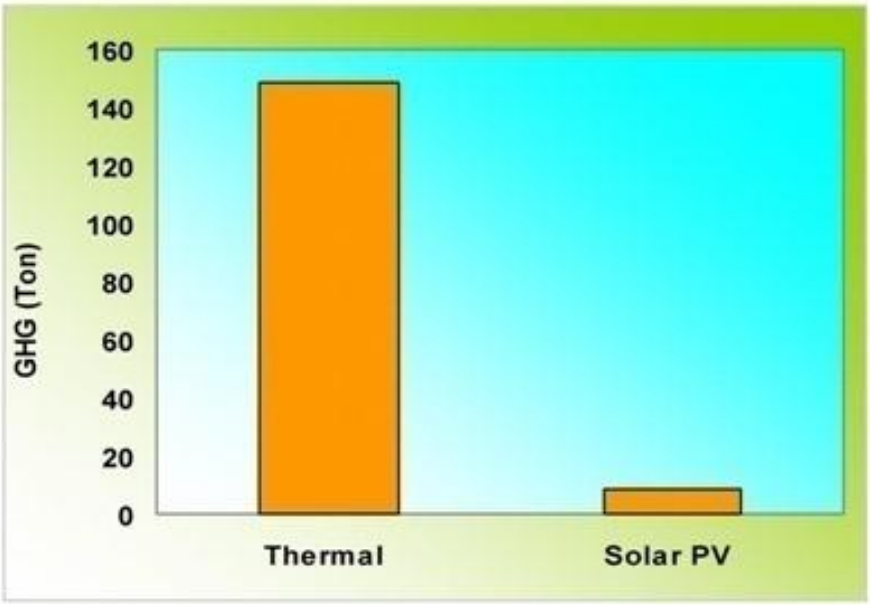
PV does not involve any other polluting emissions or the type of environmental safety concerns associated with conventional generation technologies. There is no pollution in the form of exhaust fumes or noise. Decommissioning a system is unproblematic.

| | Thermal Power Plant | Solar Power Plant | Saving | Saving In % |
|---|---|---|---|---|
| Green House Gas (KG) | 148428 | 8246 | 140182 | 94.4% |
| Water Usage (Ltrs) | 412300 | 2650 | 409650 | 99.4% |

# Carbon Emission Reduction:

Approximately, 140 Ton Carbon emission is reduced when a 100 kWp solar power plant is used for electricity generation instead of thermal power.

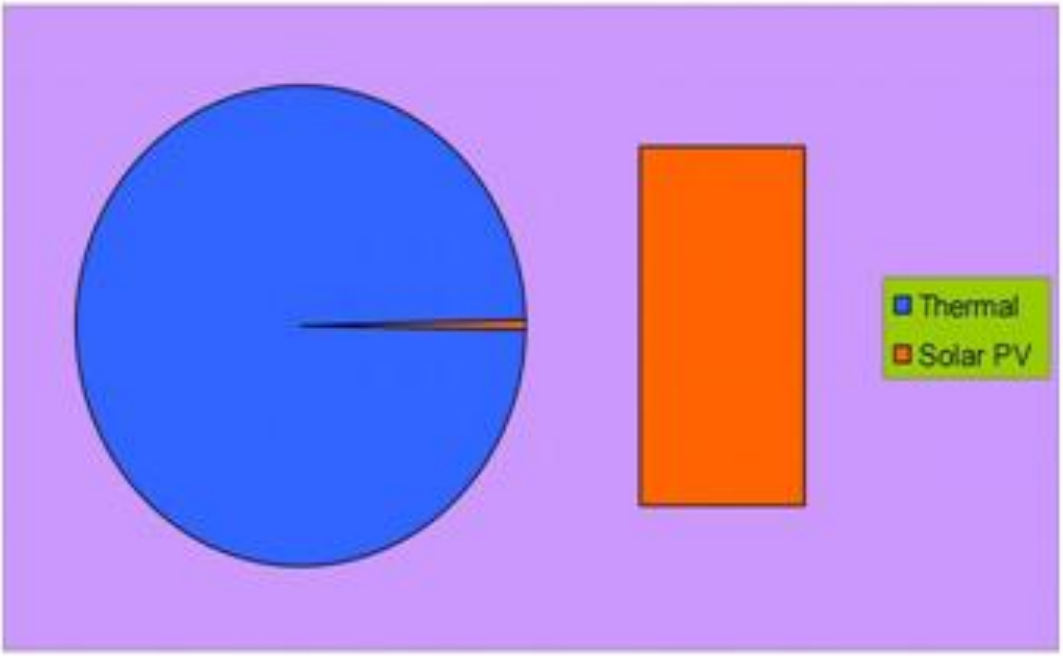
Green House Gas emission is reduced by 94% by using Solar Power plant for generating electricity.




The carbon emission thus reduced by 100 kWp solar power system is equal to that reduced by 10357 trees in 25 year.

# Water Consumption:

Thermal power plant uses 2.5 litres of water for generating 1 kWh power. Hence its annual consumption of water will be 412,300 when compared to a 77 KW solar PV system.

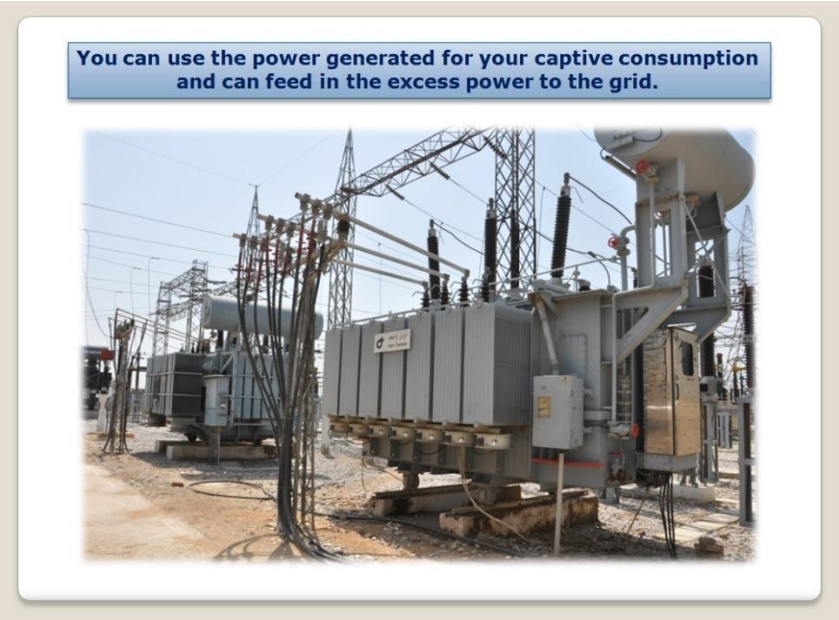



Whereas the water consumption for solar PV system is only 2650 litres annually, this helps to reduce 99.4% water consumption.

# Advantages of Installing Solar

The benefit of crystalline technology as compared to other existing technologies is as follows:

- It occupies less area when compared to other thin film technologies.
- Proven technology over years.
- Abundant semiconductor materials to support high volume production and demand.
- High volumes of production facilities throughout world.
- You can use the power generated for your captive consumption and can feed in the excess power to the grid.



## Save Tax


Get **80%** Income Tax depreciation for first year and **20%** for next year

## Produces Green Energy

# Net Metering Policy

Net Metering means an arrangement under which rooftop solar system installed at eligible consumer premises delivers surplus electricity, if any, to the Distribution Licensee for off-setting the electricity supplied by distribution licensee during the applicable or subsequent Billing Period but within the Settlement Period.

On commissioning of the solar roof top system and at the end of each of the billing cycle/settlement period, PSPCL will take energy meter readings for import/drawl and export/injection of power and work out the net energy flow quantum from or to the consumer. In case the net flow is towards the PSPCL i.e. the consumer has injected/exported the net surplus energy to the PSPCL system, such quantum will be treated as energy banked by the consumer with PSPCL in the current billing cycle. In such scenario, the consumer will be issued Energy Account Statement along with the bill for charges like meter rentals, service charges etc., and banked energy will be carried forward for accounting in the next billing cycle. If the net energy flow is from the PSPCL, then the consumer will be issued the Energy Account Statement and Energy Bill for the net power drawn in the billing cycle plus other charges.

The Energy Account Statement to be issued to consumer by PSPCL for each billing cycle shall show the quantum of export/injected energy from roof-top Solar PV System, import/drawl of energy from PSPCL in the billing period, banked energy of the previous billing cycle, net billed energy for payment by the consumer for that

billing period or net banked energy carried forward to the next billing period separately. The Energy Bill for import will be prepared as per the retail supply tariff as approved by the PSERC for the category to which the consumer belongs. The energy exported to PSPCL from the rooftop Solar PV system shall be set-off against the energy imported from the PSPCL grid at the PSERC approved retail supply tariff applicable to the particular consumer category.

At the end of the next and subsequent billing cycles/end of settlement period, PSPCL will take the energy meter reading and work out the net flow taking into consideration the energy banked in the previous billing cycle if any, along with the readings of import and export of power for current billing cycle and work out the net energy account bill, as the case may be. The procedure will be repeated at the end of every billing cycle. The settlement of net energy including any banked energy shall be done at the end of each settlement period based on 90% of the consumption. At the beginning of each settlement period, cumulative carried over injected energy shall be reset to zero.

All Rules and regulations including tariff will be governed by the orders of PSERC and terms and conditions prescribed in Application & Agreement (A&A) form. An additional form/ MOU shall be signed between the licensee and seller of such roof-top Solar PV sources and shall include necessary terms and conditions of meter reading, meter-rent, billing, payment, payment security arrangements, rate of delayed payment surcharge etc. and will become the part of A&A Form.
All the instructions, rules and regulations applicable to the consumers of the PSPCL for the applicable class/category including but not limited to the Tariff rates, Payment Schedule, Late payment surcharge, connected load/ contract demand, Load Surcharge, peak load restrictions, Advance Consumption Deposit etc., shall also be applicable to the Roof Top Solar plant owner as a consumer of PSPCL. Electricity duty shall be levied as per GOP instructions amended from time to time and at present ED is applicable on the net power drawn by the Consumer from PSPCL.

As long as the consumer having set-up the solar power plant consumes power from PSPCL and/or generated from solar plant or banked solar energy up to or more than the MMC level in any billing period, Monthly Minimum Charges (MMC) will not be leviable.