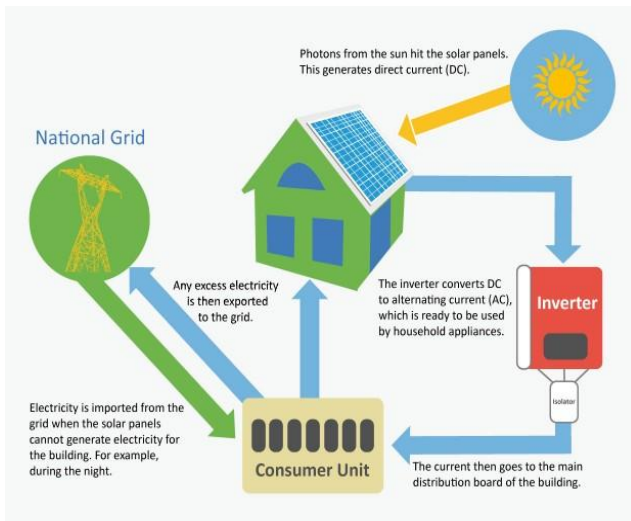


Installation of Solar panel to help produce electricity for the schools in Chandigarh

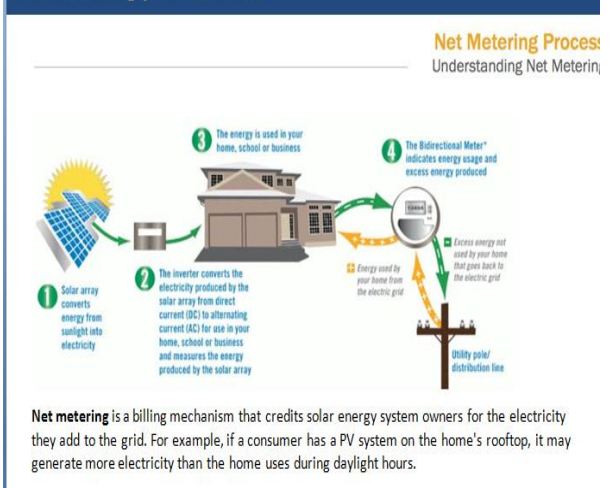
What is Solar PV ?

- Solar Electricity System captures the sun's energy using photovoltaic (PV) cells.
- The cells convert the sunlight into electricity, which can be used to run household appliances and lightning.
- PV cells don't need direct sunlight to work. It can generate some electricity on a cloudy day.

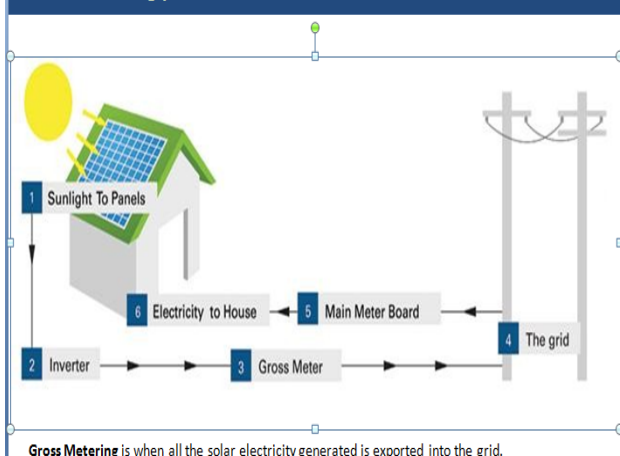
Solar PV | How it works



Net-Metering | How It Works



Gross-Metering | How It Works



Benefits of Rooftop solar are as follows:

Save money:

Installing solar panels have reduced the school's electricity bill significantly. In many places, the cost of solar electricity is the same or lower than what the schools are currently paying. By going solar, the schools are also protected against rising electricity costs.

Create Educational Opportunities

Schools of UT Chandigarh, have enormous incentive to go solar, not just to save money, but to make students aware of the huge environmental challenges we are facing and thus make them stewards of sustainability that benefit their community. With Solar systems, students are able to see first-hand how the sunlight is converted into electricity and solar installations have been integrated into a school' math, science and technologies programs to improve test scores in those fields. The solar panel provides them with the practical knowledge of solar energy.

Help Our Planet

Solar power is a renewable substitute for fossil-fuel-burning power plants, which emit greenhouse gases that lead to global warming. And solar energy is free and never runs out. Switching to solar energy is one of the biggest changes we can make in our communities to curb global warming. With rising concerns about our carbon footprint and the mounting cost of energy, solar is a wise investment for the health of the environment and generations to come.

There are 112 Govt. Schools in UT Chandigarh, Out of these Solar plants have been set up 59 schools.

Sr. No.	Project Name	Capacity (kWp)	Status of Projects
	Govt. Schools		
1.	GMSSS, Sector-46, Chandigarh.	50kWp	Commissioned
2.	GMS, Sector-46, Chandigarh.	15kWp	Commissioned
3.	GMSSS, Sector-37C, Chandigarh.	70kWp	Commissioned
4.	GSSS, Sector-38(west), Chandigarh.	70kWp	Commissioned
5.	GMSSS, Sector-40B, Chandigarh.	70kWp	Commissioned
6.	GMSSS, Sector-33D, Chandigarh.	60kWp	Commissioned
7.	GSSS, Dhanas, Chandigarh.	60kWp	Commissioned
8.	GMSSS, Sector-47D, Chandigarh.	50kWp	Commissioned
9.	GMSSS, Sector-37B, Chandigarh.	50kWp	Commissioned
10.	GMSSS, Manimajra, Chandigarh.	50kWp	Commissioned

Sr. No.	Project Name	Capacity (kWp)	Status of Projects
11.	GHS, SMART, Sector-53, Chandigarh.	40kWp	Commissioned
12.	GHS, SMART, Sector-50, Chandigarh.	40kWp	Commissioned
13.	GMSSS, Sector-20D, Chandigarh	30kWp	Commissioned
14.	GGSSS, Sector-20B, Chandigarh.	30kWp	Commissioned
15.	GMSSS, Sector-10, Chandigarh.	70kWp	Commissioned
16.	GMSSS, Sector-16, Chandigarh.	60kWp	Commissioned
17.	GMSSS, Sector-19C, Chandigarh.	60kWp	Commissioned
18.	GGMSSS, Sector-18, Chandigarh.	50kWp	Commissioned
19.	GSSS, Sector-23A, Chandigarh.	25kWp	Commissioned
20.	GMSSS, Sector-22C, Chandigarh.	70kWp	Commissioned
21.	GMSSS, Manimajra Town, Chandigarh.	70kWp	Commissioned
22.	GMHS, Sector-42, Chandigarh.	45kWp	Commissioned
23.	GSSS, Sector-45, Chandigarh.	35kWp	Commissioned
24.	GMHS, Sector-28, Chandigarh.	30kWp	Commissioned
25.	GMHS, Sector-38, Chandigarh.	30kWp	Commissioned
26.	GHS, Sector-38, Chandigarh.	30kWp	Commissioned
27.	GMHS, Vikasnagar, Chandigarh.	30kWp	Commissioned
28.	GHS, Daria, Chandigarh.	30kWp	Commissioned
29.	GHS, Mouli Colony, Chandigarh.	30kWp	Commissioned
30.	GMSSS, Sector-44, Chandigarh.	25kWp	Commissioned
31.	GMHS, Manimajra, Chandigarh.	20kWp	Commissioned
32.	GHS, Sector-24, Chandigarh.	10kWp	Commissioned
33.	GMHS, Sector-25, Chandigarh.	10kWp	Commissioned
34.	GMHS, Sector-26 (P), Chandigarh.	10kWp	Commissioned
35.	GMSSS, Sarangpur, Chandigarh.	50kWp	Commissioned

Sr. No.	Project Name	Capacity (kWp)	Status of Projects
36.	GMHS, Sector-41D, Badheri, Chandigarh.	40kWp	Commissioned
37.	GHS, Sector-41A, Chandigarh.	30kWp	Commissioned
38.	GMSSS, Sector-35D, Chandigarh	60kWp	Commissioned
39.	GMSSS, Sector-56, Chandigarh	50kWp	Commissioned
40.	GMSSS, Sector-15C, Chandigarh	50kWp	Commissioned
41.	GMSSS, Karsan, Ramdarbar, Chandigarh	50kWp	Commissioned
42.	GMSSS, Sector-27C, Chandigarh	30kWp	Commissioned
43.	GMHS, Sector-39C, Chandigarh	30kWp	Commissioned
44.	GMHS, Sector-22C, Chandigarh	25kWp	Commissioned
45.	GMHS, Sector-37C, Chandigarh	20kWp	Commissioned
46.	GHS, Sector-47A, Chandigarh	20kWp	Commissioned
47.	GMS, Pocket-6, Manimajra, Chandigarh	20kWp	Commissioned
48.	GHS, Sarangpur, Chandigarh.	10kWp	Commissioned
49.	GMSSS, Sector-32C, Chandigarh.	50kWp	Commissioned
50.	GMHS, Sector-29A, Chandigarh.	50kWp	Commissioned
51.	GMS, Sector-52, Chandigarh.	40kWp	Commissioned
52.	GMSSS, Sector-8B, Chandigarh.	50kWp	Commissioned
53.	GMSSS, Sector-21A, Chandigarh.	30kWp	Commissioned
54.	GMSSS, Sector-28D, Chandigarh.	25kWp	Commissioned
55.	GHS, Sector-35D, Chandigarh.	25kWp	Commissioned
56.	GMSSS (Girls), Sector-23A, Chandigarh.	20kWp	Commissioned
57.	GHS, Sector-46C, Chandigarh.	30kWp	Commissioned
58.	GHS, Karsan, Ramdarbar, Chandigarh	30kWp	Commissioned
59.	GMS, Pocket-10, Manimajra, Chandigarh.	30kWp	Commissioned
	Total	2290kWp	

