

There are three types of solar energy systems namely On Grid, Off Grid and Hybrid Solar systems.

- ♦ On Grid (Grid-Tied) solar system works without battery backup.
- ♦ Off Grid solar system works with charge controller and batteries only
- ♦ Hybrid solar system combines the best from Grid-Tied and Off Grid solar systems. This can be described as “Off Grid Solar with Utility Back up power” or “Grid Tied solar with extra battery storage”

The advantage of Grid Tie connections is that it helps to save money with solar panels through better efficiency rates, net metering plus lower equipment and installation costs. Batteries and other stand-alone equipment are required for a fully functional Off - Grid solar system which adds to cost as well as maintenance. Grid - Tied solar system are therefore generally cheaper and simple to install.

Solar panels will usually generate more electricity than what you are capable of consuming. With NET METERING, the home owners can put this excess electricity onto the utility (EB) Grid instead of storing it themselves with batteries.

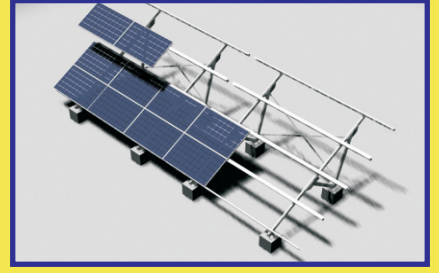
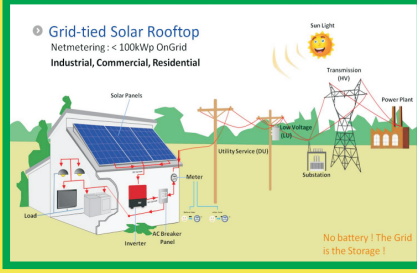
Many Utility (EB) Companies are committed to buy electricity from home owners at the same rate as they sell it themselves.

There is a scheme under which Net meters can be availed from EB department and replace the traditional meter. Net meters maintain the export and import of electricity and settlement is done once in a year.

1 KW Solar Panel produces 4 to 4.5 Units (KWH) per day for 300 Solar Days. To produce 1 KWH through thermal power plant we burn 700 grams of coal and boiling 3 Liters of water.

ADVANTAGES OF SOLAR POWER SYSTEM

- ✦ Solar energy is accessible as long as we have the omnipresent Sun
- ✦ The sun is a powerful energy source. The energy that the Sun provides to the earth for one hour, could meet the global energy needs for one year.
- ✦ Solar power will not only help to reduce the electricity bill but also makes electricity bill NIL
- ✦ Solar energy is called Green Energy which is pure & clean and helps the environment free from pollution and **Global Warming**
- ✦ Return on investment is achieved in 4 years or even less. Best investment at present with more benefits in future.
- ✦ With Solar power every sunray that hits your roof is a chance to lower your electricity bill and your carbon foot print.
- ✦ Solar power is useful in **EB** presence as well as absence.
- ✦ Installing solar power system is beneficial in the long run.



- ◇ சூரிய ஒளியிலிருந்து பெறப்படும் மின்சாரம் இம்மண்ணில் சூரியன் இருக்கும் வரை கிடைக்கக்கூடிய ஒன்று!
- ◇ ஒரு மணி நேரத்தில் சூரியனிடமிருந்து பெறும் சூரியசக்தி இந்த உலகத்திற்கு ஒரு வருடத்திற்கு தேவையான சக்திக்கு சமமானது!!
- ◇ நமது தற்போதைய மின்சாரச் செலவைக் குறைத்தோடு எதிர்காலத்தில் செலவே இல்லாமல் வழி செய்கிறது!!!
- ◇ சூரிய ஒளியிலிருந்து பெறப்படும் மின்சக்தி சுத்தமானது மட்டுமல்லாமல் நமது சுற்றுப்புறச் சூழலைக் காத்து உலக வெப்பமயமாதலிலிருந்து (Global Warming) நம்மைக் காக்கிறது!!!
- ◇ நிகழ்காலத்தின் சிறந்த முதலீடு!!!!
- ◇ நிகழ்கால மற்றும் எதிர்கால விலைமதிப்பற்ற பயன்பாடு

குறைந்த செலவில் உயர்ந்த தரம்!!!

மேலும் விவரங்களுக்கு உதவி செய்ய காத்திருக்கிறோம்.

Roof Top Residential & Commercial Grid Tie Solar Solutions



**Install Solar Power System and
protect the EARTH from Global Warming**



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