



**APN Solar Energy Pvt. Ltd. Also known as (Alternative Power Network) are JV Manufacturer, Energy consultant and Engineering, Procurement, Construction (EPC) for residential, commercial and industrial power. We understand our customer's energy consumption patterns and work out economically viable upon for switching to renewable energy sources.**

**APN is a register business certified company with ISO 9001 & 2015, ISO 45001:2018, ISO 14001: 2015 & MSME / Startup India. We are committed to provide technically sound & economically viable solution to our customer.**

**OUR AREAS OF EXPERTISE**



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## STREET LIGHT

Conventional street lights as well as the all in one integrated street lights which work on 50% illumination and automatically work on 100% illumination when any human movement is detected.

These solar driven LED streetlights produce powerful illumination and come with easy installation with no hassles of digging, laying down cable wires, establishing transformer distribution points etc.

### BENEFITS

- Provides perfect LED brightness to cover the street with direct solar power without any grid and wiring.



## ON-GRID

On-Grid Systems are solar PV systems that only generate power when the utility power grid is available.

They must be connected to the grid to function. They can send excess power generated back to the grid when you are overproducing so you credit it for later use.

### BENEFITS

- These are simplest system and the most cost effective to install.
- These system will pay for themselves by offsetting utility bills in 3-5yrs.



## WATER PUMP

Replacing conventional Diesel and Electricity pumps with Solar Water Pumps.

The Solar Pumps provided by APN Solar Energy starts from 0.25HP up to 50HP that can pump water from the depth of up to 500M and discharge up to 500m<sup>3</sup> per day.

### BENEFITS

- One of the major advantages of a solar pump is that its energy comes straight from the sun, lowering operating costs and its environmental footprint.



## OFF-GRID

These systems allow you store your solar power in batteries for use when the power grid goes down or if you are not on the grid.

### BENEFITS

- Provides power for your critical loads when you are not on grid.

