

# AND 24x7-PV Systems

**Problem** : PV systems are not used 24x7 due to low/no light conditions. Surplus generation investments with expensive storage or alternate generators and grid management are needed for reliable power. Expected to cost < 70% of PV-Battery or <50% of dual generators.

## **What is our Solution :**

AND Innovative Flexible Bi-facial PV generate from Sun on one side and from the backup light source when natural light is low/unavailable using clean burning fuels. Local 24x7 PV only generation.

## **AND 24x7-PV : Key Components from our team.**

Curved mounted High efficiency(20+%) Flex Bi-Facial PV Panels  
Clean-burning light sources with high energy wavelength light  
TEGs converting any excess heat to power at all times

## **Go to Market Plan**

- Immediate market for Outdoor/Residential emergencies (<2 Years)
- Residential off-grid power systems (2-4 Years)
- Utility power working with Gas and Utility vendors (~5 years)

24x7-PV! Renewable and Clean Burning Energy **through the same PV system**



**24x7-PV for camping  
(Functional prototype)**