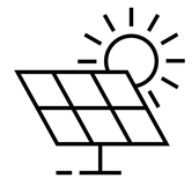


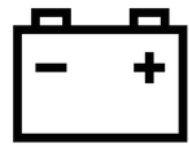
# Solar Powered Poultry Lighting at Shirur

- Manjunath Pujari a poultry farmer in Goliberu, Shirur, Udupi, Karnataka
- He was looking for a reliable lighting solution for his chicken farm as the area faced high power cut issues.
- He has installed solar lighting solution for 65 lights in his chicken farm under the GIZ Integrated Model Renewable Energy Village scheme.
- Chickens need min 12-16 hours of light for better feed and water intake and also has an effect on the egg yield.

## System Details:



Solar Panel  
300 Wp



Solar Battery  
100 Ah



Micro Inverter  
150 W



LED Light  
10 W  
65 nos

## Impact:

- Availability of light increases the feed and water intake which intern influences reproductive and egg production cycles and growth rate.
- Chickens will get sufficient **12-16 hours of light** for better feed and water intake and also has an effect on the egg yield.

