

RURAL ENERGY ACCESS – SOLAR PUMPS FOR IRRIGATION

Irrigation is an important component in our agricultural economy, due to scanty rainfall. Diesel pumps are the primary sources of energy for irrigation in rural areas. They are expensive and a non-renewable energy source. The other alternate used is electric pumps, which is unreliable due to the lack of access to the grid in these areas. Solar powered pumps will mitigate this usage. It will also bring reliability in water access.



IMPACT & BENEFITS



Replacement of diesel pumps with solar pumps would result in diesel use mitigation over the life cycle of solar pumps



Improved water and energy access



Reduced money burden on farmers and livelihood generation with better crop yield.

LOCATIONS



● Chattisgarh & Madhya Pradesh



Water withdrawal methods reduces the consumption of diesel & reduces GHG Emissions