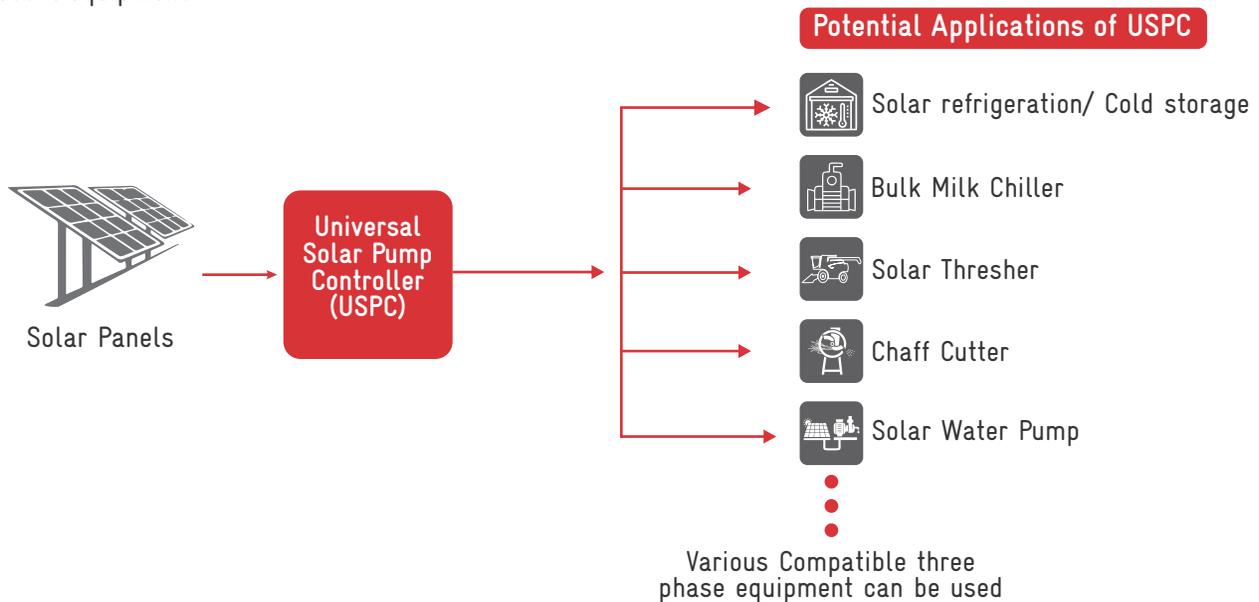


Universal Solar Pump Controller (USPC) | Key Benefits to Stakeholders

Under the component B of the PM KUSUM Scheme, the government of India and respective State Implementation Agencies (SIAs) are supporting farmers, to install solar water pumps by replacing their existing diesel pumps.

However, Standalone solar pumps under component B are used only for 100–150 days in a year and solar energy generated during balance period is not utilized.

With introduction of **Universal Solar Pump Controller (USPC)**, farmers can not only operate the water pump but can also operate other electric equipment



Key Benefits of USPC for various stakeholders

Stakeholders



Farmers



- Avoided Electricity and Diesel Cost
- Facility to power agrarian load
- Improved energy access
- Improving productivity (through timely storage and processing)



DISCOMs



- Reduced burden on electricity grid
- Reduction in distribution losses



Community



- Reduction in CO₂ Emission
- Job Creation
- Boosting relevant industry

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