Abstract

The main purpose of this study is to give support irrigation in dry season and reduce the gap between electric power demand and generation by using renewable energy source solar pump. Every year water level is going down 2m/year. As a result scarcity of ground water is increasing, which has a harmful effect on economy. On the other side, electric power demand is growing up for commercial, industrial, domestic, agriculture purpose. To cope up with the demand, dependency on fuel is increasing. If this scenario going on, very soon fuel resource will be finished. And green house gas emission is in dangerous level. Small hybrid system which uses renewable sources as a plant material might be an effective solution of this power crisis and polluted environment. It is high time to give emphasis on using solar energy (pump) in a large scale.

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Index Terms

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Keywords

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