

## Solar Powered Irrigation Pump & Solar Home System

### Project Summary

Administrative ministry/division : Ministry of Power, Energy & Mineral Resources, Power Division  
 Implementing Agency : Bangladesh Rural Electrification Board  
 Project's Source : Korea International Co-operation Agency (KOICA) and GOB  
 Project cost :

		Total	GOB (F.E)	P.A.
Estimated Cost	In Lac BDT	2679.04	1005.24	1673.80
	In million US \$	3.83	1.44	2.39
Implementation Cost	In Lac BDT	2196.25	417.42	1778.83

Project Period : July 2011 to June 2013  
 Project Target : Total 20 Solar Powered Irrigation Pump and 1250 SHS  
 Project's Source : Korea International Co-operation Agency (KOICA) and GOB  
 Total Power Generation Capacity : 183.70 kWp

Cost/pump : Tk. 47.75 Lacs  
 Project Location/ PBS Name : Comilla PBS-1, Manikganj PBS, Mymensingh PBS-1, Pabna PBS-2, Rajshahi PBS, Sirajganj PBS, Moluvibazar PBS

Solar Pump Capacity : 5 HP

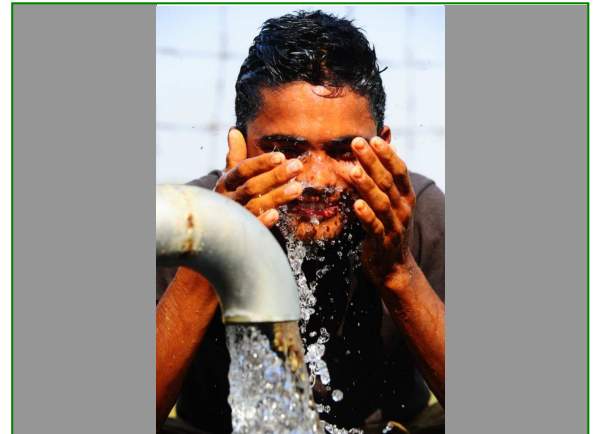
Type of Pump : Submersible Pump (3 Phase, AC)  
 Pump PV Module Capacity : 5.16 kWp  
 Water Discharge Capacity : 1-1.5 Lac Litre/Day  
 Pump Commanding Area : 3-5 Acre  
 SHS PV Module Capacity : 50Wp/ 60Wp/ 100Wp



Site Selection with KOICA Team



Cheerful kids playing with water



Fulfilling the need for drinkable water



Golden field – wonder of solar irrigation pump



Inauguration of Solar Pump