

Solar Powered Irrigation Pump & Solar Home System

Project Summary

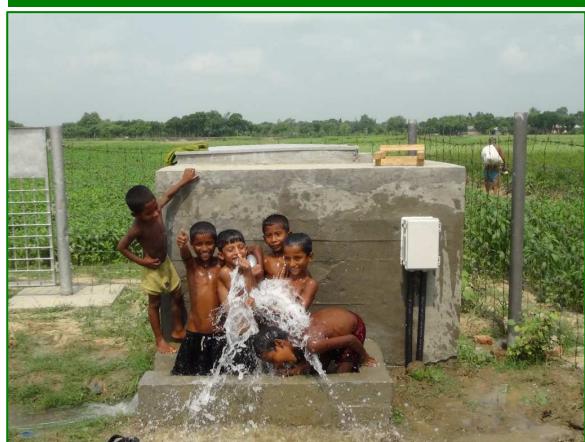
Administrative ministry/division	:	Ministry of Power, Energy & Mineral Resources, Power Division
Implementing Agency	:	Bangladesh Rural Electrification Board
Project's Source	:	Korea International Co-operation Agency (KOICA) and GOB
Project cost	:	

		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

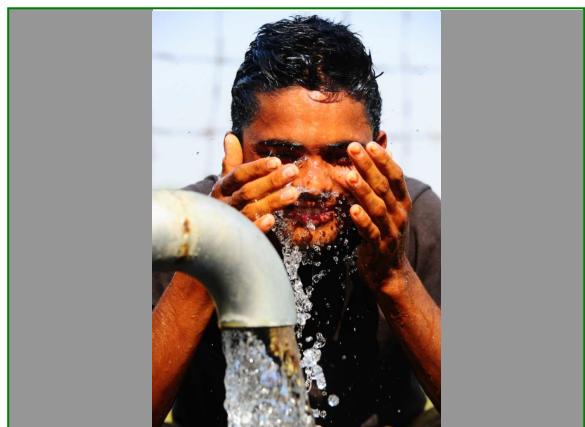
Project Period	:	July 2011 to June 2013
Project Target	:	Total 20 Solar Powered Irrigation Pump and 1250 SHS
Project's Source	:	Korea International Co-operation Agency (KOICA) and GOB
Total Power Generation Capacity	:	183.70 kWp
Cost/pump	:	Tk. 47.75 Lacs
Project Location/ PBS Name	:	Comilla PBS-1, Manikganj 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