

Progress Report of Renewable Energy Program up to September-2023 in REB

(a) Solar Panel Installation Capacity under REB System:

Sl. No	Description of the Solar System	Installation (Nos.)	Max. Peak Capacity (MWp)
1	Installation of Solar Home System under Off-Grid Area (30Wp X 3030; 50Wp X 1650; 75Wp X 1037)	5717	0.251
2	Rooftop Solar System at Consumer end for new Connection under On-Grid Area but not connected with net metering	108565	26.746
3	Rooftop Solar system at different PBS under On-Grid Area but not connected with net metering	21	0.044
4	Rooftop Solar system at Upazila Complex (30kWp each) under On-Grid Area but not connected with net metering	15	0.45
5	Solar Irrigation Pump (5HP each) KOICA (5.16 kWp X20) & CCTF (6.72 kWp X20)	40	0.237
6	Solar Charging Station (01 no 30 kWp & 13 nos each 21 kWp)	14	0.303
7	Emergency Assistance Project for Displaced Myanmar National at Cox'sbazar. Street light stand alone 2000 nos. each capacity-120Wp, Solar Mini Grid 50nos. Each capacity-0.960kWp for 2000 street light Solar Nano Grid 100nos each capacity 5.94 kWp	Street light-2000 Solar Mini Grid-50 Solar Nano Grid-100	1.032
8	Solar system at REB H/Q Training academy building with Net metering System under DESCO	1	0.049
9	Solar system at REB Executive Office building with Net metering System under DESCO	1	0.0045
Total (Solar System Capacity)			29.1165

(b) Net metering System at PBS & Consumer end:

Sl. No	Description of the System	Installed (Nos.)	Max. Peak Capacity (MWp)
1	On grid rooftop solar system at different PBS H/Q building	11	0.11
2	Net Metering system at consumer end till June-2023	365	49.1593
3	Net Metering system at consumer end at FY 2023-2024	19 (Target-55)	7.017 (Target-9.0)
Total Achievement up to September-2023		395	56.286

(C) On-going Project: Solar Photovoltaic Pumping for Agricultural Irrigation by ADB Fund.

Sl. No	Description	Target		Installed up to September-2023	
		Nos	Capacity (MWp)	Nos	Capacity (MWp)
1	Solar Irrigation Pump	2000	19.3	264	2.448

(d) Solar Mini-Grid (On grid)

Sl.	Description	Installed (Nos.)	Max. Peak Capacity (MWp)
1	Solar Mini-Grid (On grid System)	3	0.7402

Grand Total up to August-2023 : (a+b+c+d) = 88.59 MWp

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09-10-26

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09/10/23

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