Progress Report of Renewable Energy Program up to January- 2024 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 (3030 nos X 30Wp; 1650 nos X 50Wp; 1037 nos X 75Wp)	5717	0.251
2	Rooftop Solar System at Consumer end for new Connection under On-Grid Area but not connected with net metering	120164	43.865
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 (30 kWp each) under On-Grid Area but not connected with net metering	15	0.45
5	Solar Irrigation Pump (5HP each) KOICA (20 nos X 5.16 kWp) & CCTF (20 nos X 6.72 kWp)	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. (a) Street light stand alone 2000 nos. with 2000 panal (each capacity 120 Wp) (b) Solar Mini Grid 50 nos. (each cxapacity-3.960 kWp) for 2000 street light; (c) Solar Nano Grid 100 nos (each capacity 5.94 kWp).	Total Street light-4000 Solar Mini Grid-50 Solar Nano Grid-100	1.032
8	Solar system at REB H/Q Training academy building with (176 Nos X 0.280 kWp) Net metering System under DESCO	1	0.049
9	Solar system at REB Executive Office building with (12 nos X 0.375 kWp) Net metering System under DESCO	1	0.0045
	Total (Solar System Capacity)		**46.236**

(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	49.159
3	Net Metering system at consumer end at FY 2023-2024	53 (Target-55)	15.302 (Target-9.0)
	Total	**429**	**64.571**

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

Sl. No	Description	Target		Installed	
		Nos	Capacity (MWp)	Nos	Capacity (MWp)
1	Solar Irrigation Pump	2000	19.3	282	2.582

(d) Solar Mini-Grid (On grid)

Sl.	Description	Installed (Nos.)	Max. Peak Capacity (MWp)
1	Solar Mini-Grid (On grid System)	6	1.2871

Grand Total : (a+b+c+d) = 114.676 MWp

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