

## Progress Report of Renewable Energy Program up to July-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  | 103793   | 19.7                     |
| 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.<br>Street light stand alone 2000 nos. each capacity-120Wp,<br>Solar Mini Grid 50nos. Each capacity- .960kWp for 2000 street light<br>Solar Nano Grid 100nos each capacity 5.94 kWp | Street light-2000<br>Solar Mini Grid-50<br>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                   |
| <b>Total ( Solar System Capacity)</b> |   |  | <b>22.0705</b>           |

### (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        | 5<br>(Target-55) | 4.793<br>(Target-9.0)    |
| <b>Total Achievement up to July-2023</b> |  | <b>381</b>       | <b>54.063</b>            |

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


| Sl. No | Description           | Target |                | Installed up to July-2023 |                |
|--------|-----------------------|--------|----------------|---------------------------|----------------|
|        |                       | Nos    | Capacity (MWp) | Nos                       | Capacity (MWp) |
| 1      | Solar Irrigation Pump | 2000   | 19.3           | 255                       | 2.374          |

### (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 July-2023 : (a+b+c+d) = 79.25 MWp

  
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