

Progress Report of Renewable Energy Program up to June-2025 in BREB

(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 & 11 nos each 21 kWp) | 12 | 0.261 |
| 7 | Emergency Assistance Project for Displaced Myanmar National at Cox'sbazar. (a) Street light stand alone 2000 nos. with 2000 panel (each capacity 120 Wp) (b) Solar Mini Grid 50 nos. (each capacity-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) | | | 46.194 |

(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-2024 | 424 | 68.507 |
| 3 | Net Metering system at FY 2024-2025 | 886 (Target-200) | 54.869 (Target-10) |
| Total | | 1321 | 123.4852 |

(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 | 640 | 6.5 |

(d) Solar Mini-Grid (On grid)

| Sl. | Description | Installed (Nos.) | Max. Peak Capacity (MWp) |
|-----|----------------------------------|------------------|--------------------------|
| 1 | Solar Mini-Grid (On grid System) | 10 | 2.1103 |

Grand Total : (a+b+c+d) = 178.289 MWp

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পরিচালক
নবায়নযোগ্য জ্বালানি শারদাস্ত
বাংলাদেশ পলী বিদ্যাতায়ন বোর্ড