

No. 318/38/2018-GCRT  
Government of India  
Ministry of New & Renewable Energy

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Block No. 14, CGO Complex  
Lodhi Road, New Delhi  
Date: 15 June 2018

**OFFICE MEMORANDUM**

Subject: Benchmark costs for Off-grid Solar PV Systems and Grid Connected Rooftop Solar Power Plants for the Year 2018-19 –reg.

I am directed to convey the approval of competent authority for issuing of the benchmark costs for Off-grid Solar PV Systems and Grid Connected Rooftop Solar Power Plants for the Year 2018-19. System-wise benchmark costs are as under:

(i) **Solar Pumps**

| Pump Capacity (HP) | Benchmark Costs (Rs./HP) |  |
|--------------------|--------------------------|--|
|                    | General Category States  | North Eastern States/Hill States/ Island UTs |
| Up to 3 HP DC      | 85000                    | 93500  |
| > 3 HP - 5 HP DC   | 77000                    | 84700  |
| Up to 3 HP AC      | 80000                    | 88000  |
| > 3 HP - 5 HP AC   | 65000                    | 71500  |

(ii) **Solar Lighting Systems**

| System                    | Benchmark Costs (Rs./Wp) |  |
|---------------------------|--------------------------|--|
|                           | General Category States  | North Eastern States/Hill States/ Island UTs |
| Solar Lamps               | 250                      | 275  |
| Solar Street Lights       |                          |  |
| i. With Lead Acid battery | 300                      | 330  |
| ii. With Li-Ion battery   | 435                      | 475  |

(iii) **Standalone Solar Power Plants/Packs**

| Capacity (kW)         | Battery back-up (hrs) | Benchmark Costs (Rs./Wp) |  |
|-----------------------|-----------------------|--------------------------|--|
|                       |                       | General Category States  | North Eastern States/Hill States/ Island UTs |
| Up to 10              | 6                     | 100                      | 110  |
|                       | 3                     | 80                       | 88   |
|                       | 1                     | 68                       | 75   |
| Above 10 and up to 25 | 6                     | 90                       | 99   |
|                       | 3                     | 72                       | 79   |
|                       | 1                     | 61                       | 67   |

(iv) **Grid Connected Rooftop Solar Power Plants**

| Capacity                      | Benchmark Costs (Rs./Wp) |
|-------------------------------|--------------------------|
| Above 1 kW and up to 10 kW    | 60                       |
| Above 10 and up to 100 kW     | 55                       |
| Above 100 kW and up to 500 kW | 53                       |

2. The above benchmark costs are inclusive of total system cost and its installation, commissioning, transportation, insurance, five year AMC/CMC, and applicable fees and taxes.



(Shobhit Srivastava)  
Scientist-C

To

All Concern

Copy to Dir. (NIC) to upload this on the Ministry's website.