

Generic Levellised Tariffs and Associated terms and Conditions for category-I of SHPs (i.e. above 100 kW to 2MW) as per HPERC (Promotion of Generation from the Renewable Energy Sources and Terms and Conditions for Tariff Determination) Regulations, 2012:

1. The generic levellised tariff for the SHP's under this category (i.e. above 100 kW to 2 MW Capacity) shall be as under:

- | | | |
|-----|----------------------------------|-----------------------------|
| i) | Without accelerated Depreciation | Rs. 3.34/kWh |
| ii) | With accelerated Depreciation | Rs. 3.04/kWh ^(#) |

^(#) The generic levellised tariff with Accelerated Depreciation shall be applicable unless the renewable energy generator establishes, to the satisfaction of the distribution licensee that he has not availed or is not entitled to such a benefit. However, the above mentioned rate of Rs.3.04/kWh is otherwise subject to review in view of position explained in sub-para (i) of para 24.3, para 43.3 and para 45.2 of the main order.

2. The above generic levellised tariff shall be subject to adjustments in accordance with the following sub-paragraphs (a) to (c):-

(a) Adjustment on account of differential rate of capital subsidy and grants, budgetary support and Generation based Incentives.

Sr. No.	Description	Increase in Paise/kWh on account of differential rate of capital subsidy
(i)	If the capacity is more than 100 kW but does not exceed 1000kW.	No Increase
(ii)	If the capacity is more than 1000 kW but does not exceed 2000 kW.	$=16/76.50 * (180 - "Y") \text{Paise/kWh}$

Where "Y" = 90% of the capital subsidy/MW (in lac Rs.) as per Col-4 of Appendix-D for the project for which Generic Levellised Tariff is to be determined.

The adjustments on account of grant or budgetary support and the generation based incentive if any, shall be made separately on case to case basis in accordance with the Regulation 21 of the RE Tariff Regulations, 2012. Similarly, the adjustments on account of additional MNRE subsidy to Government Sector Projects shall also be made separately on case to case basis. The above formulae shall not be applicable in any of such cases.

(b) Variation in free power structure:

The tariffs as mentioned above account for free power (energy) @ 7 % for the first 12 years and @13% for the balance tariff period of 28 years. The levellised net saleable energy for this structure of free power has been worked out as 4.326 MU per annum per MW.

In case the structure of free power(energy) applicable for SHP for which the PPA is to be approved by the Commission is different from that considered in the tariff computation, the adjustment shall be carried out in accordance with the para 41.4 of the main order. However, it shall be ensured that free power (energy) to be accounted for in the tariff does not exceed the permissible limits, as specified in sub-regulation (2) and (3) of Regulation 35 of the RE Tariff Regulations, 2012 during any part of the tariff period. The adjustment on this account, if required, shall be carried out after carrying out the adjustment(s), if any, under sub-para 2(a) above.

(c) Rounding:

The tariff worked out after carrying out the adjustments on the above lines shall be rounded to the nearest Paisa. The fraction of 0.5 and above shall be rounded to the next higher value and the fraction of less than 0.5 shall be ignored.

3. The tariff shall be subject to the RE Tariff Regulations, 2012 and the order(s) as may be issued by the Commission thereunder.

ILLUSTRATIONS**Basic Data of the SHP for which Generic levelled tariff is to be computed**

1.	Capacity of the Project	1.9 MW (1900 kW)
2.	Free Power Structure	1% for first 12 years and 13% for remaining 28 years.
3.	Accelerated depreciation	To be availed.

Calculations:

4.	Category under which the SHP falls	I (Above 100kW to 2 MW)
5.	Generic levelled tariff with Accelerated Depreciation.	₹ 3.04/kWh ^(#)
6.	Adjustment under sub-para 2(a) of sheet-VI	
	(i) for the capacity of 1900 kW	=16/76.50* (180- 'Y') Paise/kWh
	Where 'Y'=90% capital subsidy/MW (in lac Rs.) as per Column 4 of Appendix-D i.e. for 1.9 MW (1900kW) =107.526 lakhs	
	(ii)	=16/76.50*(180-107.526) =15.1579 Paise/kWh =₹ 0.1515/ kWh
7.	Tariff after adjustment under sub-para 2(a) of sheet-VI (5+6)	₹ 3.1915 per kWh
8.	Adjustment under sub-para 2 (b) of sheet-VI	
	Levelled net saleable energy per annum per MW as per the generic tariff as per sheet-II	4.326 MU
	Levelled net saleable energy per annum per MW as per the permissible free power structure applicable to the project for which tariff is to be calculated (with discount factor 10.58% per annum)	4.529 MU
9.	Tariff after adjustment under sub-para 2(b) of sheet-VI	₹ 3.1915*4.326/4.529 =₹ 3.0484 /kWh
10.	Tariff applicable after rounding item 9.	=₹ 3.05/kWh of net saleable energy

^(#) Subject to review in view of the position explained in sub-para (i) of para 24.3, para 43.3, & para 45.2 of the main order.