

Before

UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

Petition No. 15 of 2018 (Suo-Motu)

In the matter of:

Suo-moto proceedings in the matter of applicability of tariff for the purpose of incentive on account of revised O&M norms in UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2013 and UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations), 2010.

CORAM

Shri Subhash Kumar Chairman

Date of Order: May 29, 2018

The Order relates to the suo-moto proceedings initiated by the Commission in the matter of applicability of generic Tariff for the purpose of incentive on account of revision of norms of O&M expenses vide third amendment to UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations), Regulations, 2010 (hereinafter referred to as "RE Regulations, 2010") and sixth amendment to UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2013 (hereinafter referred to as "RE Regulations, 2013").

1. Background

- 1.1 The Commission vide notification dated 08.09.2017 issued sixth amendment to Principal RE Regulations, 2013 and third amendment to Principal RE Regulations, 2010. Through the said amendments the Commission revised the normative O&M expenses for Small Hydro Plants and issued revised generic tariff based on the CUF of 40%.
- 1.2 The Commission received representations from the SHP generators regarding difficulties in recovery of additional tariff and incentive on the excess generation over and above the

normative CUF of 40%.

- 1.3 With regard to recovery of the tariff, Regulation 27 of RE Regulations, 2010 specifies as under:

“27. Applicability of Tariff

The tariff shall be allowed to be recovered in the following manner:

- (i) Till the actual CUF is less than or equal to annual CUF of 40%, tariffs would be payable at the levelised generic rates specified in this Amended Regulations arrived at based on the normative CUF of 40%.*
- (ii) For generation beyond annual CUF of 40%, following will apply:*
- (iii) For generation beyond annual CUF of 40% but upto annual CUF of 45%, tariff shall be Rs. 1.50/kWh.*
 - a. For generation beyond annual CUF of 45%, incentive shall be equal to the levelised generic rates specified in the Principal Regulations at CUF of 45% reduced by Rs. 0.75 per kWh. Such reduction of Rs. 0.75/kWh shall be made from the subsequent monthly bills only till the actual annual CUF reaches 55%. Provided further that for generation beyond actual annual CUF of 55%, incentive shall be equal to the levelised generic rates specified in the Principal Regulations at CUF of 45%.*
 - b. The annual CUF shall be calculated in accordance with the principles specified in Regulation 3(1)(e) of the Principal Regulations.”*

Further, Regulation 26 of RE Regulations, 2013 specifies as follows:

“26. Applicability of Tariff

The tariff shall be allowed to be recovered in the following manner:

- (1) For generators opting generic tariff:*
 - i. Till the actual CUF is less than or equal to annual CUF of 40%, tariffs would be payable at the levelised generic rates specified in this Amended Regulations arrived at based on the normative CUF of 40%.*
 - ii. For generation beyond annual CUF of 40%, following will apply:*
 - a. For generation beyond annual CUF of 40% but upto annual CUF of 45%, tariff shall be Rs. 1.50/kWh.*

b. *For generation beyond annual CUF of 45%, incentive shall be equal to the levelised generic rates specified in the Principal Regulations at CUF of 45% reduced by Rs. 0.75 per kWh. Such reduction of Rs. 0.75/kWh shall be made from the subsequent monthly bills only till the actual annual CUF reaches 55%.*

Provided further that for generation beyond actual annual CUF of 55%, incentive shall be equal to the levelised generic rates specified in the Principal Regulations at CUF of 45%.

(2) *For generators opting for project specific tariffs, the tariff for generation beyond the applicable CUF (i.e. the CUF envisaged in the approved DPR or the normative CUF specified for the relevant technology under Chapter 5, whichever is higher), when entire fixed cost has been recovered, shall be allowed to be recovered at the generic tariff specified by the Commission in the Principal Regulations.*

(3) *The annual CUF shall be calculated in accordance with the principles specified in Regulation 3(1)(f) of the Principal Regulations."*

1.4 As per the aforesaid regulations, for the purpose of recovery of incentive where actual annual CUF exceeds the annual CUF as specified for SHP generators adopting generic tariff or project specific tariff, as the case may be, generic tariff is to be determined at CUF of 45%. Accordingly the Commission in exercise of powers conferred on it by Regulation 49 of RE Regulations, 2013 and Regulation 46 of RE Regulations, 2010 has decided to specify generic tariff at an annual CUF of 45% in this Order. Hence, based on the normative parameters specified in RE Regulations, 2010 generic tariff applicable upto annual CUF of 45% for SHPs commissioned till 31.03.2013 are given in Annexure-I. Further, based on the normative parameters as specified in RE Regulations, 2013 and CUF of 45%, generic tariff applicable for the purpose of incentive for SHPs commissioned on and after 01.04.2013 is given in Annexure-II.

2. Ordered accordingly.

(Subhash Kumar)
Chairman

Levelised rate of Fixed Charges in Rs./kWh for SHPs (upto 25 MW) applicable upto annual CUF of 45% from 01.10.2017

Particular		SHPs commissioned during 01.01.2002 upto 31.03.2007														
		Upto 5 MW			Above 5 and upto 10 MW			Above 10 and upto 15 MW			Above 15 and upto 20 MW			Above 20 and upto 25 MW		
		Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff
1. Levellised (35 yrs)		3.05	0.20	2.85	3.05	0.20	2.85	3.00	0.20	2.80	2.95	0.20	2.75	2.90	0.20	2.70
2. Levellised	1st 10 yrs	3.00	0.25	2.75	3.00	0.25	2.75	3.00	0.25	2.75	2.95	0.25	2.70	2.95	0.25	2.70
	Balance life	3.15	-	3.15	3.05	-	3.05	2.95	-	2.95	2.85	-	2.85	2.75	-	2.75
3. Annual Tariffs	Year															
	1	3.35	0.95	2.40	3.35	0.95	2.40	3.35	0.95	2.40	3.30	0.95	2.35	3.30	0.95	2.35
	2	3.20	1.05	2.15	3.25	1.05	2.20	3.20	1.05	2.15	3.20	1.05	2.15	3.15	1.05	2.10
	3	3.10	0.05	3.05	3.15	0.05	3.10	3.10	0.05	3.05	3.10	0.05	3.05	3.05	0.05	3.00
	4	3.00	-0.10	3.10	3.00	-0.10	3.10	3.00	-0.10	3.10	2.95	-0.10	3.05	2.95	-0.10	3.05
	5	2.90	-0.10	3.00	2.90	-0.10	3.00	2.90	-0.10	3.00	2.85	-0.10	2.95	2.85	-0.10	2.95
	6	2.80	-0.10	2.90	2.80	-0.10	2.90	2.80	-0.10	2.90	2.75	-0.10	2.85	2.70	-0.10	2.80
	7	2.70	-0.10	2.80	2.70	-0.10	2.80	2.70	-0.10	2.80	2.65	-0.10	2.75	2.60	-0.10	2.70
	8	2.60	-0.10	2.70	2.60	-0.10	2.70	2.55	-0.10	2.65	2.55	-0.10	2.65	2.50	-0.10	2.60
	9	2.85	-0.05	2.90	2.80	-0.05	2.85	2.75	-0.05	2.80	2.70	-0.05	2.75	2.60	-0.05	2.65
	10	2.90	-0.05	2.95	2.80	-0.05	2.85	2.75	-0.05	2.80	2.65	-0.05	2.70	2.60	-0.05	2.65
	11	2.25	0.00	2.25	2.15	0.00	2.15	2.10	0.00	2.10	2.05	0.00	2.05	2.00	0.00	2.00
	12	2.40	0.00	2.40	2.30	0.00	2.30	2.25	0.00	2.25	2.20	0.00	2.20	2.10	0.00	2.10
	13	2.45	0.00	2.45	2.40	0.00	2.40	2.30	0.00	2.30	2.25	0.00	2.25	2.15	0.00	2.15
	14	2.55	0.00	2.55	2.45	0.00	2.45	2.35	0.00	2.35	2.30	0.00	2.30	2.20	0.00	2.20
	15	2.60	0.00	2.60	2.50	0.00	2.50	2.45	0.00	2.45	2.35	0.00	2.35	2.30	0.00	2.30
	16	3.30	0.00	3.30	3.15	0.00	3.15	3.05	0.00	3.05	2.95	0.00	2.95	2.85	0.00	2.85
	17	3.40	0.00	3.40	3.30	0.00	3.30	3.15	0.00	3.15	3.05	0.00	3.05	2.95	0.00	2.95
	18	3.50	0.00	3.50	3.40	0.00	3.40	3.25	0.00	3.25	3.15	0.00	3.15	3.05	0.00	3.05
	19	3.60	0.00	3.60	3.50	0.00	3.50	3.35	0.00	3.35	3.25	0.00	3.25	3.15	0.00	3.15
	20	3.75	0.00	3.75	3.60	0.00	3.60	3.50	0.00	3.50	3.35	0.00	3.35	3.25	0.00	3.25
	21	3.90	0.00	3.90	3.75	0.00	3.75	3.60	0.00	3.60	3.45	0.00	3.45	3.35	0.00	3.35
	22	4.00	0.00	4.00	3.90	0.00	3.90	3.75	0.00	3.75	3.60	0.00	3.60	3.45	0.00	3.45
	23	4.15	0.00	4.15	4.00	0.00	4.00	3.85	0.00	3.85	3.70	0.00	3.70	3.55	0.00	3.55
	24	4.35	0.00	4.35	4.15	0.00	4.15	4.00	0.00	4.00	3.85	0.00	3.85	3.70	0.00	3.70
	25	4.50	0.00	4.50	4.35	0.00	4.35	4.15	0.00	4.15	4.00	0.00	4.00	3.80	0.00	3.80
	26	4.65	0.00	4.65	4.50	0.00	4.50	4.30	0.00	4.30	4.15	0.00	4.15	3.95	0.00	3.95
	27	4.85	0.00	4.85	4.65	0.00	4.65	4.50	0.00	4.50	4.30	0.00	4.30	4.10	0.00	4.10
	28	5.05	0.00	5.05	4.85	0.00	4.85	4.65	0.00	4.65	4.45	0.00	4.45	4.25	0.00	4.25
	29	5.25	0.00	5.25	5.05	0.00	5.05	4.85	0.00	4.85	4.60	0.00	4.60	4.40	0.00	4.40
	30	5.50	0.00	5.50	5.25	0.00	5.25	5.05	0.00	5.05	4.80	0.00	4.80	4.60	0.00	4.60
	31	5.70	0.00	5.70	5.50	0.00	5.50	5.25	0.00	5.25	5.00	0.00	5.00	4.75	0.00	4.75
	32	5.95	0.00	5.95	5.70	0.00	5.70	5.45	0.00	5.45	5.20	0.00	5.20	4.95	0.00	4.95
	33	6.25	0.00	6.25	5.95	0.00	5.95	5.70	0.00	5.70	5.45	0.00	5.45	5.15	0.00	5.15
	34	6.50	0.00	6.50	6.20	0.00	6.20	5.95	0.00	5.95	5.65	0.00	5.65	5.35	0.00	5.35
35	6.80	0.00	6.80	6.50	0.00	6.50	6.20	0.00	6.20	5.90	0.00	5.90	5.60	0.00	5.60	

Particulars	SHPs commissioned during FY 2007-08 and FY 2008-09															
	Upto 5 MW			Above 5 and upto 10 MW			Above 10 and upto 15 MW			Above 15 and upto 20 MW			Above 20 and upto 25 MW			
	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	
1. Levellised (35 yrs)	3.40	0.20	3.20	3.35	0.20	3.15	3.30	0.20	3.10	3.25	0.20	3.05	3.20	0.20	3.00	
2. Levellised	1st 10 yrs	3.35	0.30	3.05	3.35	0.30	3.05	3.30	0.30	3.00	3.30	0.30	3.00	3.25	0.30	2.95
	Balance life	3.45	-	3.45	3.35	-	3.35	3.20	-	3.20	3.10	-	3.10	3.00	-	3.00
3. Annual Tariffs	Year															
	1	3.70	1.05	2.65	3.70	1.05	2.65	3.70	1.05	2.65	3.65	1.05	2.60	3.60	1.05	2.55
	2	3.55	1.15	2.40	3.60	1.15	2.45	3.55	1.15	2.40	3.55	1.15	2.40	3.50	1.15	2.35
	3	3.45	0.05	3.40	3.45	0.05	3.40	3.45	0.05	3.40	3.40	0.05	3.35	3.35	0.05	3.30
	4	3.35	-0.10	3.45	3.35	-0.10	3.45	3.30	-0.10	3.40	3.30	-0.10	3.40	3.25	-0.10	3.35
	5	3.25	-0.10	3.35	3.25	-0.10	3.35	3.20	-0.10	3.30	3.15	-0.10	3.25	3.15	-0.10	3.25
	6	3.10	-0.10	3.20	3.15	-0.10	3.25	3.10	-0.10	3.20	3.05	-0.10	3.15	3.00	-0.10	3.10
	7	3.00	-0.10	3.10	3.00	-0.10	3.10	3.00	-0.10	3.10	2.95	-0.10	3.05	2.90	-0.10	3.00
	8	2.90	-0.10	3.00	2.90	-0.10	3.00	2.85	-0.10	2.95	2.80	-0.10	2.90	2.80	-0.10	2.90
	9	3.25	-0.10	3.35	3.15	-0.10	3.25	3.10	-0.10	3.20	3.00	-0.10	3.10	2.95	-0.10	3.05
	10	3.25	-0.05	3.30	3.15	-0.05	3.20	3.05	-0.05	3.10	3.00	-0.05	3.05	2.90	-0.05	2.95
	11	2.55	0.00	2.55	2.45	0.00	2.45	2.40	0.00	2.40	2.30	0.00	2.30	2.25	0.00	2.25
	12	2.60	0.00	2.60	2.50	0.00	2.50	2.45	0.00	2.45	2.40	0.00	2.40	2.30	0.00	2.30
	13	2.70	0.00	2.70	2.60	0.00	2.60	2.50	0.00	2.50	2.45	0.00	2.45	2.35	0.00	2.35
	14	2.75	0.00	2.75	2.65	0.00	2.65	2.60	0.00	2.60	2.50	0.00	2.50	2.40	0.00	2.40
	15	2.85	0.00	2.85	2.75	0.00	2.75	2.65	0.00	2.65	2.60	0.00	2.60	2.50	0.00	2.50
	16	3.60	0.00	3.60	3.45	0.00	3.45	3.35	0.00	3.35	3.25	0.00	3.25	3.10	0.00	3.10
	17	3.70	0.00	3.70	3.55	0.00	3.55	3.45	0.00	3.45	3.35	0.00	3.35	3.20	0.00	3.20
	18	3.80	0.00	3.80	3.70	0.00	3.70	3.55	0.00	3.55	3.45	0.00	3.45	3.30	0.00	3.30
	19	3.95	0.00	3.95	3.80	0.00	3.80	3.70	0.00	3.70	3.55	0.00	3.55	3.40	0.00	3.40
	20	4.10	0.00	4.10	3.95	0.00	3.95	3.80	0.00	3.80	3.65	0.00	3.65	3.50	0.00	3.50
	21	4.25	0.00	4.25	4.10	0.00	4.10	3.95	0.00	3.95	3.80	0.00	3.80	3.65	0.00	3.65
	22	4.40	0.00	4.40	4.25	0.00	4.25	4.05	0.00	4.05	3.90	0.00	3.90	3.75	0.00	3.75
	23	4.55	0.00	4.55	4.40	0.00	4.40	4.20	0.00	4.20	4.05	0.00	4.05	3.90	0.00	3.90
	24	4.70	0.00	4.70	4.55	0.00	4.55	4.35	0.00	4.35	4.20	0.00	4.20	4.00	0.00	4.00
	25	4.90	0.00	4.90	4.70	0.00	4.70	4.55	0.00	4.55	4.35	0.00	4.35	4.15	0.00	4.15
	26	5.10	0.00	5.10	4.90	0.00	4.90	4.70	0.00	4.70	4.50	0.00	4.50	4.30	0.00	4.30
	27	5.30	0.00	5.30	5.10	0.00	5.10	4.90	0.00	4.90	4.65	0.00	4.65	4.45	0.00	4.45
	28	5.50	0.00	5.50	5.30	0.00	5.30	5.10	0.00	5.10	4.85	0.00	4.85	4.65	0.00	4.65
	29	5.75	0.00	5.75	5.50	0.00	5.50	5.30	0.00	5.30	5.05	0.00	5.05	4.80	0.00	4.80
	30	6.00	0.00	6.00	5.75	0.00	5.75	5.50	0.00	5.50	5.25	0.00	5.25	5.00	0.00	5.00
	31	6.25	0.00	6.25	6.00	0.00	6.00	5.70	0.00	5.70	5.45	0.00	5.45	5.20	0.00	5.20
	32	6.50	0.00	6.50	6.25	0.00	6.25	5.95	0.00	5.95	5.70	0.00	5.70	5.40	0.00	5.40
	33	6.80	0.00	6.80	6.50	0.00	6.50	6.20	0.00	6.20	5.90	0.00	5.90	5.65	0.00	5.65
	34	7.10	0.00	7.10	6.80	0.00	6.80	6.50	0.00	6.50	6.15	0.00	6.15	5.85	0.00	5.85
35	7.40	0.00	7.40	7.10	0.00	7.10	6.75	0.00	6.75	6.45	0.00	6.45	6.10	0.00	6.10	

Particulars	SHPs commissioned on and after 01.04.2009														
	Upto 5 MW			Above 5 and upto 10 MW			Above 10 and upto 15 MW			Above 15 and upto 20 MW			Above 20 and upto 25 MW		
	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff
1. Levellised (35 yrs)	3.95	0.25	3.70	3.85	0.25	3.60	3.70	0.25	3.45	3.55	0.25	3.30	3.40	0.25	3.15
2. Levellised															
1st 10 yrs	3.95	0.35	3.60	3.85	0.35	3.50	3.75	0.35	3.40	3.60	0.30	3.30	3.45	0.30	3.15
Balance life	4.05	-	4.05	3.80	-	3.80	3.60	-	3.60	3.35	-	3.35	3.15	-	3.15
3. Annual Tariffs															
Year															
1	4.35	1.20	3.15	4.25	1.20	3.05	4.15	1.15	3.00	4.00	1.10	2.90	3.85	1.10	2.75
2	4.20	1.30	2.90	4.10	1.30	2.80	4.00	1.25	2.75	3.85	1.20	2.65	3.75	1.20	2.55
3	4.05	0.05	4.00	4.00	0.05	3.95	3.90	0.05	3.85	3.75	0.05	3.70	3.60	0.05	3.55
4	3.95	-0.15	4.10	3.85	-0.10	3.95	3.75	-0.10	3.85	3.60	-0.10	3.70	3.45	-0.10	3.55
5	3.80	-0.15	3.95	3.75	-0.15	3.90	3.60	-0.15	3.75	3.50	-0.15	3.65	3.35	-0.15	3.50
6	3.65	-0.15	3.80	3.60	-0.15	3.75	3.50	-0.15	3.65	3.35	-0.10	3.45	3.20	-0.10	3.30
7	3.55	-0.10	3.65	3.45	-0.10	3.55	3.35	-0.10	3.45	3.25	-0.10	3.35	3.10	-0.10	3.20
8	3.40	-0.10	3.50	3.35	-0.10	3.45	3.25	-0.10	3.35	3.10	-0.10	3.20	3.00	-0.10	3.10
9	3.75	-0.10	3.85	3.65	-0.10	3.75	3.50	-0.10	3.60	3.30	-0.10	3.40	3.15	-0.10	3.25
10	3.75	-0.10	3.85	3.60	-0.05	3.65	3.45	-0.05	3.50	3.25	-0.05	3.30	3.10	-0.05	3.15
11	2.95	0.00	2.95	2.80	0.00	2.80	2.65	0.00	2.65	2.50	0.00	2.50	2.35	0.00	2.35
12	3.05	0.00	3.05	2.90	0.00	2.90	2.75	0.00	2.75	2.55	0.00	2.55	2.40	0.00	2.40
13	3.10	0.00	3.10	2.95	0.00	2.95	2.80	0.00	2.80	2.65	0.00	2.65	2.50	0.00	2.50
14	3.20	0.00	3.20	3.05	0.00	3.05	2.90	0.00	2.90	2.70	0.00	2.70	2.55	0.00	2.55
15	3.30	0.00	3.30	3.15	0.00	3.15	3.00	0.00	3.00	2.80	0.00	2.80	2.60	0.00	2.60
16	4.15	0.00	4.15	3.95	0.00	3.95	3.75	0.00	3.75	3.50	0.00	3.50	3.30	0.00	3.30
17	4.30	0.00	4.30	4.10	0.00	4.10	3.85	0.00	3.85	3.60	0.00	3.60	3.35	0.00	3.35
18	4.45	0.00	4.45	4.20	0.00	4.20	4.00	0.00	4.00	3.70	0.00	3.70	3.50	0.00	3.50
19	4.60	0.00	4.60	4.35	0.00	4.35	4.10	0.00	4.10	3.85	0.00	3.85	3.60	0.00	3.60
20	4.75	0.00	4.75	4.50	0.00	4.50	4.25	0.00	4.25	3.95	0.00	3.95	3.70	0.00	3.70
21	4.95	0.00	4.95	4.65	0.00	4.65	4.40	0.00	4.40	4.10	0.00	4.10	3.80	0.00	3.80
22	5.10	0.00	5.10	4.85	0.00	4.85	4.55	0.00	4.55	4.25	0.00	4.25	3.95	0.00	3.95
23	5.30	0.00	5.30	5.00	0.00	5.00	4.70	0.00	4.70	4.40	0.00	4.40	4.05	0.00	4.05
24	5.50	0.00	5.50	5.20	0.00	5.20	4.90	0.00	4.90	4.55	0.00	4.55	4.20	0.00	4.20
25	5.70	0.00	5.70	5.40	0.00	5.40	5.05	0.00	5.05	4.70	0.00	4.70	4.35	0.00	4.35
26	5.95	0.00	5.95	5.60	0.00	5.60	5.25	0.00	5.25	4.90	0.00	4.90	4.50	0.00	4.50
27	6.20	0.00	6.20	5.80	0.00	5.80	5.45	0.00	5.45	5.05	0.00	5.05	4.70	0.00	4.70
28	6.45	0.00	6.45	6.05	0.00	6.05	5.65	0.00	5.65	5.25	0.00	5.25	4.85	0.00	4.85
29	6.70	0.00	6.70	6.30	0.00	6.30	5.90	0.00	5.90	5.45	0.00	5.45	5.05	0.00	5.05
30	7.00	0.00	7.00	6.55	0.00	6.55	6.15	0.00	6.15	5.70	0.00	5.70	5.25	0.00	5.25
31	7.30	0.00	7.30	6.85	0.00	6.85	6.40	0.00	6.40	5.90	0.00	5.90	5.45	0.00	5.45
32	7.60	0.00	7.60	7.10	0.00	7.10	6.65	0.00	6.65	6.15	0.00	6.15	5.70	0.00	5.70
33	7.95	0.00	7.95	7.45	0.00	7.45	6.95	0.00	6.95	6.40	0.00	6.40	5.90	0.00	5.90
34	8.30	0.00	8.30	7.75	0.00	7.75	7.25	0.00	7.25	6.70	0.00	6.70	6.15	0.00	6.15
35	8.65	0.00	8.65	8.10	0.00	8.10	7.55	0.00	7.55	6.95	0.00	6.95	6.40	0.00	6.40

Levelised rate of Fixed Charges in Rs./kWh for SHPs (upto 25 MW) applicable upto annual CUF of 45% from 01.10.2017

Particulars	SHPs commissioned on and after 01.04.2013									
	Upto 5 MW			Above 5 and upto 15 MW			Above 15 and upto 25 MW			
	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	Gross Tariff	Less: Accelerated Depreciation	Net Tariff	
1. Levellised (35 yrs)	4.48	0.30	4.18	4.24	0.30	3.94	3.92	0.30	3.62	
3. Annual Tariffs	Year									
	1	4.71	1.39	3.32	4.50	1.32	3.18	4.23	1.26	2.97
	2	4.59	1.50	3.09	4.39	1.43	2.96	4.12	1.36	2.75
	3	4.48	0.13	4.35	4.28	0.12	4.16	4.01	0.11	3.89
	4	4.37	-0.10	4.46	4.17	-0.10	4.26	3.90	-0.09	3.99
	5	4.56	-0.12	4.68	4.30	-0.12	4.42	3.79	-0.11	3.90
	6	4.47	-0.11	4.58	4.21	-0.11	4.32	3.68	-0.10	3.79
	7	4.39	-0.10	4.49	4.13	-0.10	4.22	3.58	-0.09	3.67
	8	4.31	-0.09	4.40	4.04	-0.08	4.13	3.48	-0.08	3.56
	9	4.23	-0.07	4.31	3.96	-0.07	4.03	3.38	-0.07	3.45
	10	4.16	-0.06	4.23	3.88	-0.06	3.95	3.29	-0.06	3.35
	11	4.35	-0.05	4.40	4.05	-0.05	4.10	3.42	-0.05	3.47
	12	4.37	-0.05	4.42	4.03	-0.05	4.08	3.37	-0.04	3.42
	13	3.51	-0.01	3.52	3.16	-0.01	3.17	2.51	-0.01	2.52
	14	3.62	-0.01	3.63	3.25	-0.01	3.26	2.57	-0.01	2.57
	15	3.73	-0.01	3.74	3.35	-0.01	3.35	2.63	-0.01	2.63
	16	4.69	-0.01	4.70	4.20	-0.01	4.21	3.28	-0.01	3.29
	17	4.85	-0.01	4.85	4.33	-0.01	4.34	3.36	-0.01	3.37
	18	5.01	-0.01	5.02	4.47	-0.01	4.48	3.45	-0.01	3.46
	19	5.18	0.00	5.19	4.62	0.00	4.62	3.54	0.00	3.55
	20	5.36	0.00	5.37	4.77	0.00	4.78	3.64	0.00	3.65
	21	5.55	0.00	5.56	4.94	0.00	4.94	3.75	0.00	3.75
	22	5.76	0.00	5.76	5.11	0.00	5.11	3.85	0.00	3.86
	23	5.97	0.00	5.97	5.29	0.00	5.29	3.97	0.00	3.97
	24	6.20	0.00	6.20	5.48	0.00	5.48	4.09	0.00	4.09
	25	6.44	0.00	6.44	5.68	0.00	5.69	4.22	0.00	4.22
	26	6.69	0.00	6.69	5.90	0.00	5.90	4.36	0.00	4.36
	27	6.96	0.00	6.96	6.13	0.00	6.13	4.50	0.00	4.50
	28	7.24	0.00	7.24	6.37	0.00	6.37	4.65	0.00	4.66
	29	7.54	0.00	7.54	6.62	0.00	6.62	4.82	0.00	4.82
	30	7.86	0.00	7.86	6.89	0.00	6.89	4.99	0.00	4.99
	31	8.19	0.00	8.19	7.17	0.00	7.17	5.17	0.00	5.17
	32	8.54	0.00	8.55	7.47	0.00	7.47	5.36	0.00	5.36
	33	8.92	0.00	8.92	7.79	0.00	7.79	5.56	0.00	5.56
	34	9.31	0.00	9.31	8.13	0.00	8.13	5.77	0.00	5.77
	35	9.73	0.00	9.73	8.48	0.00	8.48	6.00	0.00	6.00