

UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

‘Vidyut Niyamak Bhawan’, Near I.S.B.T., P.O.-Majra, Dehradun-248171

Notification

September 8, 2017

No. F-9(21)(III)/RG/UERC/2017/990: In exercise of powers conferred under section 181(2)(zp) read with Section 86(1)(e) of the Electricity Act, 2003, and all other powers enabling it in this behalf, and after previous publication, the Uttarakhand Electricity Regulatory Commission hereby makes the following amendments in the UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2010 (Principal Regulations) and subsequent amendment made in the same, namely:

1. Short Title, Commencement and Interpretation:

- (1) These Regulations may be called the UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) (Third Amendment) Regulations, 2017.
- (2) These Regulations shall come into force from the date of notification.

2. Amendment in Regulation 29 of the Principal Regulations:

The amended Regulation shall be read as under:

“Small Hydro Generating Plant

The technology specific parameters for determination of generic tariffs for Small Hydro Generating Stations shall be as below:

Projects Commissioned after 01.01.2002 to 31.03.2007

Project Size	Capital Cost	O&M Expenses for the year of commissioning	Capacity Utilization Factor	Auxiliary Consumption
	(Rs. Lakh/MW)	(Rs. Lakh/MW)	(%)	(%)
Upto 5 MW	550	24.75	40%	1%
5 MW to 10 MW	550	23.38		
10 MW to 15 MW		22.00		
15 MW to 20 MW		20.63		
20 MW to 25 MW		19.25		

Projects Commissioned during FY 2007-08 to 2008-09

Project Size	Capital Cost	O&M Expenses for the year of commissioning	Capacity Utilization Factor	Auxiliary Consumption
	(Rs. Lakh/MW)	(Rs. Lakh/MW)	(%)	(%)
Upto 5 MW	600	27.00	40%	1%
5 MW to 10 MW	600	25.50		
10 MW to 15 MW		24.00		
15 MW to 20 MW		22.50		
20 MW to 25 MW		21.00		

Projects Commissioned on or after 01.04.2009

Project Size	Capital Cost	O&M Expenses for the year of commissioning	Capacity Utilization Factor	Auxiliary Consumption
	(Rs. Lakh/MW)	(Rs. Lakh/MW)	(%)	(%)
Upto 5 MW	700	31.50	40%	1%
5 MW to 10 MW	685	29.11		
10 MW to 15 MW	670	26.80		
15 MW to 20 MW	650	24.38		
20 MW to 25 MW	630	22.05		

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Levellised rate of Fixed Charges in Rs. /kWh for SHPs (upto 25MW) applicable upto annual CUF of 40% from 01.10.2017

Particulars		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)		3.45	0.25	3.20	3.40	0.25	3.15	3.35	0.25	3.10	3.30	0.25	3.05	3.25	0.25	3.00
2. Levellised	1st 10 yrs	3.40	0.30	3.10	3.40	0.30	3.10	3.35	0.30	3.05	3.35	0.30	3.05	3.30	0.30	3.00
	Balance life	3.55	-	3.55	3.45	-	3.45	3.30	-	3.30	3.20	-	3.20	3.10	-	3.10
3. Annual Tariffs	Year															
	1	3.75	1.05	2.70	3.75	1.05	2.70	3.75	1.05	2.70	3.75	1.05	2.70	3.70	1.05	2.65
	2	3.60	1.15	2.45	3.65	1.15	2.50	3.65	1.15	2.50	3.60	1.15	2.45	3.55	1.15	2.40
	3	3.50	0.05	3.45	3.50	0.05	3.45	3.50	0.05	3.45	3.45	0.05	3.40	3.45	0.05	3.40
	4	3.40	-0.10	3.50	3.40	-0.10	3.50	3.40	-0.10	3.50	3.35	-0.10	3.45	3.30	-0.10	3.40
	5	3.25	-0.15	3.40	3.30	-0.15	3.45	3.25	-0.15	3.40	3.20	-0.15	3.35	3.20	-0.15	3.35
	6	3.15	-0.10	3.25	3.15	-0.10	3.25	3.15	-0.10	3.25	3.10	-0.10	3.20	3.05	-0.10	3.15
	7	3.05	-0.10	3.15	3.05	-0.10	3.15	3.00	-0.10	3.10	3.00	-0.10	3.10	2.95	-0.10	3.05
	8	2.95	-0.10	3.05	2.95	-0.10	3.05	2.90	-0.10	3.00	2.85	-0.10	2.95	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	2.50	0.00	2.50	2.45	0.00	2.45	2.35	0.00	2.35	2.30	0.00	2.30	2.25	0.00	2.25
	12	2.70	0.00	2.70	2.60	0.00	2.60	2.55	0.00	2.55	2.45	0.00	2.45	2.35	0.00	2.35
	13	2.75	0.00	2.75	2.70	0.00	2.70	2.60	0.00	2.60	2.50	0.00	2.50	2.45	0.00	2.45
	14	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
	15	2.95	0.00	2.95	2.85	0.00	2.85	2.75	0.00	2.75	2.65	0.00	2.65	2.55	0.00	2.55
	16	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
	17	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
	18	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
	19	4.05	0.00	4.05	3.95	0.00	3.95	3.80	0.00	3.80	3.65	0.00	3.65	3.50	0.00	3.50
	20	4.20	0.00	4.20	4.05	0.00	4.05	3.90	0.00	3.90	3.80	0.00	3.80	3.65	0.00	3.65
	21	4.35	0.00	4.35	4.20	0.00	4.20	4.05	0.00	4.05	3.90	0.00	3.90	3.75	0.00	3.75
	22	4.50	0.00	4.50	4.35	0.00	4.35	4.20	0.00	4.20	4.05	0.00	4.05	3.85	0.00	3.85
	23	4.70	0.00	4.70	4.50	0.00	4.50	4.35	0.00	4.35	4.15	0.00	4.15	4.00	0.00	4.00
	24	4.85	0.00	4.85	4.70	0.00	4.70	4.50	0.00	4.50	4.30	0.00	4.30	4.15	0.00	4.15
	25	5.05	0.00	5.05	4.85	0.00	4.85	4.65	0.00	4.65	4.50	0.00	4.50	4.30	0.00	4.30
	26	5.25	0.00	5.25	5.05	0.00	5.05	4.85	0.00	4.85	4.65	0.00	4.65	4.45	0.00	4.45
	27	5.45	0.00	5.45	5.25	0.00	5.25	5.05	0.00	5.05	4.80	0.00	4.80	4.60	0.00	4.60
	28	5.70	0.00	5.70	5.45	0.00	5.45	5.25	0.00	5.25	5.00	0.00	5.00	4.80	0.00	4.80
	29	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
	30	6.15	0.00	6.15	5.90	0.00	5.90	5.65	0.00	5.65	5.40	0.00	5.40	5.15	0.00	5.15
	31	6.45	0.00	6.45	6.15	0.00	6.15	5.90	0.00	5.90	5.65	0.00	5.65	5.35	0.00	5.35
	32	6.70	0.00	6.70	6.45	0.00	6.45	6.15	0.00	6.15	5.85	0.00	5.85	5.55	0.00	5.55
	33	7.00	0.00	7.00	6.70	0.00	6.70	6.40	0.00	6.40	6.10	0.00	6.10	5.80	0.00	5.80
	34	7.30	0.00	7.30	7.00	0.00	7.00	6.70	0.00	6.70	6.35	0.00	6.35	6.05	0.00	6.05
35	7.65	0.00	7.65	7.30	0.00	7.30	6.95	0.00	6.95	6.65	0.00	6.65	6.30	0.00	6.30	

Particulars		SHPs Commissioned during FY 2007-08 to 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)		3.80	0.25	3.55	3.75	0.25	3.50	3.70	0.25	3.45	3.65	0.25	3.40	3.60	0.25	3.35
2. Levellised	1st 10 yrs	3.80	0.35	3.45	3.75	0.35	3.40	3.75	0.35	3.40	3.70	0.35	3.35	3.65	0.35	3.30
	Balance life	3.90	-	3.90	3.75	-	3.75	3.65	-	3.65	3.50	-	3.50	3.35	-	3.35
3. Annual Tariffs	Year															
	1	4.15	1.15	3.00	4.15	1.15	3.00	4.15	1.15	3.00	4.10	1.15	2.95	4.10	1.15	2.95
	2	4.00	1.25	2.75	4.05	1.25	2.80	4.00	1.25	2.75	3.95	1.25	2.70	3.95	1.25	2.70
	3	3.90	0.05	3.85	3.90	0.05	3.85	3.85	0.05	3.80	3.85	0.05	3.80	3.80	0.05	3.75
	4	3.75	-0.10	3.85	3.75	-0.10	3.85	3.75	-0.10	3.85	3.70	-0.10	3.80	3.65	-0.10	3.75
	5	3.65	-0.15	3.80	3.65	-0.15	3.80	3.60	-0.15	3.75	3.55	-0.15	3.70	3.50	-0.15	3.65
	6	3.50	-0.15	3.65	3.50	-0.15	3.65	3.50	-0.15	3.65	3.45	-0.15	3.60	3.40	-0.15	3.55
	7	3.40	-0.10	3.50	3.40	-0.10	3.50	3.35	-0.10	3.45	3.30	-0.10	3.40	3.25	-0.10	3.35
	8	3.30	-0.10	3.40	3.25	-0.10	3.35	3.25	-0.10	3.35	3.20	-0.10	3.30	3.10	-0.10	3.20
	9	3.65	-0.10	3.75	3.55	-0.10	3.65	3.50	-0.10	3.60	3.40	-0.10	3.50	3.30	-0.10	3.40
	10	3.65	-0.05	3.70	3.55	-0.05	3.60	3.45	-0.05	3.50	3.35	-0.05	3.40	3.25	-0.05	3.30
	11	2.85	0.00	2.85	2.75	0.00	2.75	2.70	0.00	2.70	2.60	0.00	2.60	2.50	0.00	2.50
	12	2.90	0.00	2.90	2.85	0.00	2.85	2.75	0.00	2.75	2.65	0.00	2.65	2.60	0.00	2.60
	13	3.00	0.00	3.00	2.90	0.00	2.90	2.85	0.00	2.85	2.75	0.00	2.75	2.65	0.00	2.65
	14	3.10	0.00	3.10	3.00	0.00	3.00	2.90	0.00	2.90	2.80	0.00	2.80	2.75	0.00	2.75
	15	3.20	0.00	3.20	3.10	0.00	3.10	3.00	0.00	3.00	2.90	0.00	2.90	2.80	0.00	2.80
	16	4.00	0.00	4.00	3.90	0.00	3.90	3.75	0.00	3.75	3.65	0.00	3.65	3.50	0.00	3.50
	17	4.15	0.00	4.15	4.00	0.00	4.00	3.90	0.00	3.90	3.75	0.00	3.75	3.60	0.00	3.60
	18	4.30	0.00	4.30	4.15	0.00	4.15	4.00	0.00	4.00	3.85	0.00	3.85	3.70	0.00	3.70
	19	4.45	0.00	4.45	4.30	0.00	4.30	4.15	0.00	4.15	4.00	0.00	4.00	3.85	0.00	3.85
	20	4.60	0.00	4.60	4.45	0.00	4.45	4.30	0.00	4.30	4.10	0.00	4.10	3.95	0.00	3.95
	21	4.75	0.00	4.75	4.60	0.00	4.60	4.40	0.00	4.40	4.25	0.00	4.25	4.10	0.00	4.10
	22	4.95	0.00	4.95	4.75	0.00	4.75	4.60	0.00	4.60	4.40	0.00	4.40	4.20	0.00	4.20
	23	5.10	0.00	5.10	4.95	0.00	4.95	4.75	0.00	4.75	4.55	0.00	4.55	4.35	0.00	4.35
	24	5.30	0.00	5.30	5.10	0.00	5.10	4.90	0.00	4.90	4.70	0.00	4.70	4.50	0.00	4.50
	25	5.50	0.00	5.50	5.30	0.00	5.30	5.10	0.00	5.10	4.90	0.00	4.90	4.70	0.00	4.70
	26	5.75	0.00	5.75	5.50	0.00	5.50	5.30	0.00	5.30	5.05	0.00	5.05	4.85	0.00	4.85
	27	5.95	0.00	5.95	5.75	0.00	5.75	5.50	0.00	5.50	5.25	0.00	5.25	5.00	0.00	5.00
	28	6.20	0.00	6.20	5.95	0.00	5.95	5.70	0.00	5.70	5.45	0.00	5.45	5.20	0.00	5.20
	29	6.45	0.00	6.45	6.20	0.00	6.20	5.95	0.00	5.95	5.65	0.00	5.65	5.40	0.00	5.40
	30	6.75	0.00	6.75	6.45	0.00	6.45	6.20	0.00	6.20	5.90	0.00	5.90	5.60	0.00	5.60
	31	7.00	0.00	7.00	6.75	0.00	6.75	6.45	0.00	6.45	6.15	0.00	6.15	5.85	0.00	5.85
	32	7.35	0.00	7.35	7.00	0.00	7.00	6.70	0.00	6.70	6.40	0.00	6.40	6.10	0.00	6.10
	33	7.65	0.00	7.65	7.30	0.00	7.30	7.00	0.00	7.00	6.65	0.00	6.65	6.35	0.00	6.35
	34	8.00	0.00	8.00	7.65	0.00	7.65	7.30	0.00	7.30	6.95	0.00	6.95	6.60	0.00	6.60
35	8.35	0.00	8.35	7.95	0.00	7.95	7.60	0.00	7.60	7.25	0.00	7.25	6.85	0.00	6.85	

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)	4.45	0.30	4.15	4.35	0.30	4.05	4.20	0.30	3.90	4.00	0.25	3.75	3.80	0.25	3.55	
2. Levellised	1st 10 yrs	4.45	0.40	4.05	4.35	0.40	3.95	4.20	0.35	3.85	4.05	0.35	3.70	3.90	0.35	3.55
	Balance life	4.55	-	4.55	4.30	-	4.30	4.05	-	4.05	3.80	-	3.80	3.55	-	3.55
3. Annual Tariffs	Year															
	1	4.90	1.35	3.55	4.80	1.35	3.45	4.65	1.30	3.35	4.50	1.25	3.25	4.35	1.20	3.15
	2	4.75	1.50	3.25	4.65	1.45	3.20	4.50	1.40	3.10	4.35	1.40	2.95	4.20	1.35	2.85
	3	4.60	0.10	4.50	4.50	0.10	4.40	4.35	0.10	4.25	4.20	0.10	4.10	4.05	0.05	4.00
	4	4.45	-0.15	4.60	4.35	-0.15	4.50	4.20	-0.15	4.35	4.05	-0.15	4.20	3.90	-0.15	4.05
	5	4.30	-0.15	4.45	4.20	-0.15	4.35	4.05	-0.15	4.20	3.90	-0.15	4.05	3.75	-0.15	3.90
	6	4.15	-0.15	4.30	4.05	-0.15	4.20	3.95	-0.15	4.10	3.80	-0.15	3.95	3.60	-0.15	3.75
	7	4.00	-0.15	4.15	3.90	-0.15	4.05	3.80	-0.10	3.90	3.65	-0.10	3.75	3.50	-0.10	3.60
	8	3.85	-0.10	3.95	3.75	-0.10	3.85	3.65	-0.10	3.75	3.50	-0.10	3.60	3.35	-0.10	3.45
	9	4.20	-0.10	4.30	4.10	-0.10	4.20	3.95	-0.10	4.05	3.75	-0.10	3.85	3.55	-0.10	3.65
	10	4.20	-0.10	4.30	4.05	-0.10	4.15	3.90	-0.10	4.00	3.70	-0.10	3.80	3.50	-0.10	3.60
	11	3.30	0.00	3.30	3.15	0.00	3.15	3.00	0.00	3.00	2.80	0.00	2.80	2.65	0.00	2.65
	12	3.40	0.00	3.40	3.25	0.00	3.25	3.10	0.00	3.10	2.90	0.00	2.90	2.70	0.00	2.70
	13	3.50	0.00	3.50	3.35	0.00	3.35	3.15	0.00	3.15	2.95	0.00	2.95	2.80	0.00	2.80
	14	3.60	0.00	3.60	3.45	0.00	3.45	3.25	0.00	3.25	3.05	0.00	3.05	2.85	0.00	2.85
	15	3.75	0.00	3.75	3.55	0.00	3.55	3.35	0.00	3.35	3.15	0.00	3.15	2.95	0.00	2.95
	16	4.70	0.00	4.70	4.45	0.00	4.45	4.20	0.00	4.20	3.95	0.00	3.95	3.70	0.00	3.70
	17	4.85	0.00	4.85	4.60	0.00	4.60	4.35	0.00	4.35	4.05	0.00	4.05	3.80	0.00	3.80
	18	5.00	0.00	5.00	4.75	0.00	4.75	4.50	0.00	4.50	4.20	0.00	4.20	3.90	0.00	3.90
	19	5.20	0.00	5.20	4.90	0.00	4.90	4.60	0.00	4.60	4.30	0.00	4.30	4.05	0.00	4.05
	20	5.35	0.00	5.35	5.05	0.00	5.05	4.80	0.00	4.80	4.45	0.00	4.45	4.15	0.00	4.15
	21	5.55	0.00	5.55	5.25	0.00	5.25	4.95	0.00	4.95	4.60	0.00	4.60	4.30	0.00	4.30
	22	5.75	0.00	5.75	5.45	0.00	5.45	5.10	0.00	5.10	4.75	0.00	4.75	4.45	0.00	4.45
	23	5.95	0.00	5.95	5.65	0.00	5.65	5.30	0.00	5.30	4.95	0.00	4.95	4.60	0.00	4.60
	24	6.20	0.00	6.20	5.85	0.00	5.85	5.50	0.00	5.50	5.10	0.00	5.10	4.75	0.00	4.75
	25	6.45	0.00	6.45	6.05	0.00	6.05	5.70	0.00	5.70	5.30	0.00	5.30	4.90	0.00	4.90
	26	6.70	0.00	6.70	6.30	0.00	6.30	5.90	0.00	5.90	5.50	0.00	5.50	5.10	0.00	5.10
	27	6.95	0.00	6.95	6.55	0.00	6.55	6.15	0.00	6.15	5.70	0.00	5.70	5.25	0.00	5.25
	28	7.25	0.00	7.25	6.80	0.00	6.80	6.40	0.00	6.40	5.90	0.00	5.90	5.45	0.00	5.45
	29	7.55	0.00	7.55	7.10	0.00	7.10	6.65	0.00	6.65	6.15	0.00	6.15	5.70	0.00	5.70
	30	7.85	0.00	7.85	7.35	0.00	7.35	6.90	0.00	6.90	6.40	0.00	6.40	5.90	0.00	5.90
	31	8.20	0.00	8.20	7.70	0.00	7.70	7.20	0.00	7.20	6.65	0.00	6.65	6.15	0.00	6.15
	32	8.55	0.00	8.55	8.00	0.00	8.00	7.50	0.00	7.50	6.90	0.00	6.90	6.40	0.00	6.40
	33	8.90	0.00	8.90	8.35	0.00	8.35	7.80	0.00	7.80	7.20	0.00	7.20	6.65	0.00	6.65
	34	9.30	0.00	9.30	8.70	0.00	8.70	8.15	0.00	8.15	7.50	0.00	7.50	6.90	0.00	6.90
35	9.75	0.00	9.75	9.10	0.00	9.10	8.50	0.00	8.50	7.85	0.00	7.85	7.20	0.00	7.20	

*Year 1 shall be the year of commissioning for generic tariffs

By the order of the Commission

(Neeraj Sati)
Secretary