

**FIRST AMENDMENT / ADDENDUM TO UPERC (Captive and Renewable Energy
Generating Plants), Regulations,2019 (CRE Regulations,2019)**

Notification No. UPERC/Secy/Regulation/

Dated: 22nd January,2020

In exercise of power conferred on it by section 181 read with section 9,61,86(1)(a), 86(1)(b) and 86(1)(e) of the Electricity Act,2003 in so far as these are not inconsistent with the provisions of Electricity Act,2003, and all power powers enabling it in that behalf, the Uttar Pradesh Electricity Regulatory Commission hereby makes the following amendments/addendum to the UPERC (Captive and Renewable Energy Generating Plants), Regulations,2019 (CRE Regulations,2019):

AMENDMENTS TO PROVISIONS

- (i) The existing provision of Chapter I Regulation-4 shall be amended as follows:

Existing provision of Regulation-4

4. Tariff Determination for Renewable Energy based Power Plants

A generic tariff for renewable energy based generating plants viz. Bagasse Based Generation, Biomass (Rice Husk Based) Generation Plants, Municipal Solid Waste Based Generation Plants, Biogas Based Generation Plants, Biomass Gasifier Based Generation Plants, Small Hydro Generation Plants, Solar Power Generation Plants and Wind Power Generation Plants is given in Schedule II of these Regulations.

Provided that for any renewable energy technology approved by MNRE other than those covered under these Regulations, the tariff may be determined by the Commission on case to case basis on receipt of an application for this purpose.

Amended provision of Regulation-4:

A generic tariff for renewable energy based generating plants viz. Bagasse Based Generation, Biomass (Rice Husk Based) Generation Plants, Municipal Solid Waste Based Generation Plants, Biogas Based Generation Plants, Biomass Gasifier Based Generation Plants, Small Hydro Generation Plants,



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Solar Power Generation Plants and Wind Power Generation Plants is given in Schedule II of these Regulations.

(ii) The existing provision at Schedule- II A.(i) shall be amended as follows:

Existing provisions of Schedule- II A.(i)

Schedule- II

A. Bagasse based Generation & Cogeneration Plants

i. Tariff for Existing Bagasse based projects Commissioned during FY 2005-06 to FY 2008-09

The fixed & variable costs and total tariff for the existing plants commissioned during FY 2005-06 to FY 2008-09 shall be as shown below:

Table 13: Fixed Cost –Bagasse based Existing Projects commissioned during FY 2005-06 to FY 2008-09 (Rs/kWh)

Year of Commissioning	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
FY 2005-06	1.15	1.18	1.21	1.24	1.27
FY 2006-07	1.17	1.20	1.23	1.26	1.29
FY 2007-08	1.19	1.21	1.24	1.28	1.31
FY 2008-09	1.20	1.23	1.26	1.29	1.33

Table 14: Variable Cost –Bagasse based Existing Projects commissioned during FY 2005-06 to FY 2008-09

Financial Year	Variable Cost (Rs/kWh)
FY 2019-20	1.77
FY 2020-21	1.85
FY 2021-22	1.95
FY 2022-23	2.04
FY 2023-24	2.15

Table 15: Total Tariff –Bagasse based Existing Projects commissioned during FY 2005-06 to FY 2008-09 (Rs/kWh)

Year of Commissioning	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
FY 2005-06	2.92	3.03	3.16	3.29	3.42
FY 2006-07	2.94	3.05	3.18	3.30	3.44
FY 2007-08	2.95	3.07	3.19	3.32	3.46
FY 2008-09	2.97	3.09	3.21	3.34	3.47

Annual Fixed cost for existing plants commissioned during FY 2005-06 to FY 2008-09 for control period of these Regulations shall be as shown in Table below:

Table 16: Annual Fixed cost of Bagasse based Existing Projects commissioned during FY 2005-06 to FY 2008-09 (Rs lakhs per MW)

Year of Commissioning	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
FY 2005-06	46.14	47.28	48.49	49.75	51.08
FY 2006-07	46.87	48.01	49.22	50.48	51.81
FY 2007-08	47.53	48.68	49.88	51.14	52.47
FY 2008-09	48.26	49.40	50.61	51.87	53.20

Amended provisions of Schedule- II A.(i)

Schedule- II

A. Bagasse based Generation & Cogeneration Plants

i. Tariff for Existing Bagasse based projects Commissioned during FY 2005-06 or earlier to FY 2008-09

The fixed & variable costs and total tariff for the existing plants commissioned during FY 2005-06 or earlier to FY 2008-09 shall be as shown below:

Table 13: Fixed Cost –Bagasse based Existing Projects commissioned during FY 2005-06 or earlier to FY 2008-09 (Rs/kWh)

Year of Commissioning	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
FY 2005-06 or earlier	1.15	1.18	1.21	1.24	1.27







FY 2006-07	1.17	1.20	1.23	1.26	1.29
FY 2007-08	1.19	1.21	1.24	1.28	1.31
FY 2008-09	1.20	1.23	1.26	1.29	1.33

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Annual Fixed cost for existing plants commissioned during FY 2005-06 or earlier to FY 2008-09 for control period of these Regulations shall be as shown in Table below:

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FY 2007-08	47.53	48.68	49.88	51.14	52.47
FY 2008-09	48.26	49.40	50.61	51.87	53.20

ADDENDUM TO PROVISIONS

Following addition is being made in the Schedule-II as point no. G after point no. F

(i) G. Any other RE source- based generation

For any renewable energy technologies approved by MNRE, other than Bagasse Based Generation & Cogeneration Plants, Biomass (Rice Husk Based) Generation Plants, Municipal Solid Waste Based, Generation Plants, Biogas Based Generation Plants, Biomass Gasifier Based Generation Plants, Small Hydro Generation Plants and Solar Power Generation Plants, tariff shall be the average power purchase cost (APPC) of the last FY as determined by the Commission.

Provided, if such Renewable Energy generator satisfies the Commission that its technology has come subsequent to this notification, which necessitates a tariff other than average power purchase cost (APPC) then the Commission may determine tariff for such generating stations on case to case basis.


(V.K. Srivastava)
Member (Law)


(K.K. Sharma)
Member


(R.P. Singh)
Chairman

Dated: 22nd January, 2020