

MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION, BHOPAL

Sub: In the matter of clarification whether mini/micro/small Hydro Electric Power Plant could be permitted to draw their emergency/synchronization and start power requirement through Export line at Seasonal Tariff (HV-4).

ORDER

Date of Hearing: 24/02/2015

Date of order: 09/06/2015

**M/s. Tawa Hydro Electrical Power Plant
(Captive Unit) HEG Limited, Mandideep**

Petitioner

**The Chief General Manger (BR)
MPMKVCO Limited, Nishtha Parisar,
Bijlee Nagar, Govindpura, Bhopal**

**The Superintending Engineer (O&M)
MPMKVCO Limited, 132 KV
Compound Rasuliya, Itarsi Road,
Hoshangabad**

Respondent

Shri K.N. Mathur, Advisor appeared on behalf of petitioner.

Shri M.S. Yadav, S.E. appeared on behalf of respondent.

2. In the instant petition, the petitioner has prayed the Commission to clarify whether Tawa Hydro Electric Power Plant of petitioner could be permitted to draw the power for emergency requirement/shut down requirement/synchronization and start up requirement at Seasonal Tariff (HV-4) through export line. The petitioner has also sought clarification on billing of apparent power when there was no active power drawal and also there has not been any tariff specified by the Commission for drawal of apparent power by a consumer. The petitioner in his petition has made following prayer –

- (i) Whether the drawal of power for emergency requirement/shutdown requirement /synchronization for start up power could be permitted through export line in case of Mini/Micro /small hydro electric power plant similar to Tawa hydro Electric power plant
- (ii) If answer of Sr. no. (i) is negative; whether any drawal through export line could be permitted to bill at HV-7.
- (iii) Whether, demand recorded is due to drawal of apparent power, active power (kWh) remaining zero could be billed.
- (iv) If answer of Sr. no. (iii) is negative, than why such amount recovered without drawal of active power (kWh) could be refunded.

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3. During the motion hearing held on 06.01.2015, the Commission had enquired from petitioner for the need of drawing power for emergency /synchronization /start up requirement through export line of 33 kV feeder emanating from 220 kV Pathrota S/s while permanent connection through 33 kV rural feeder emanating from Gurra S/s for Tawa Hydro Electric Power Plant has been provided by the respondent. In response, the petitioner informed the Commission that during the shutdown period of Tawa Hydro Electric Power Plant, uninterrupted and reliable power is required for dewatering and maintenance of essential services as unreliable power supply could lead into flooding of power house. It has further been emphasized by the petitioner that during the non-generation period, the supply through rural feeder remains unreliable and is a matter of concern, therefore, drawal through export line could not be prevented at the cost of safety of power station. Besides, petitioner has also drawn the attention of the Commission on issue of erroneous billing for the period of 3 months i.e. April 13, May 13 & August 13 out of 6 months of non generation period commencing March 13 to August 13 on account of the fact that there had not been any drawal of active power for these 3 months but respondent carried out billing on the basis of recorded demand arising due to drawal of apparent power and energy equivalent to tariff monthly minimum (TMM) at recorded demand. The Commission had admitted the petition for further deliberation.

4. The Commission held the hearing on 10.02.2015. The respondent through his written reply dated 06.02.15 had submitted that the supply to Tawa Hydro Electric Power Plant has been fed through Gurra feeder and had denied the fact that the aforesaid feeder is unreliable feeder. It is further submitted by the respondent that details furnished by the petitioner regarding outages of aforesaid Gurra feeder are not correct. Respondent had also submitted a line diagram of 33kV Gurra feeder emanating from Pathrota S/s and passing through 33/11kV Tawa Nagar S/s and 33/11kV Gurra S/s terminating at HEG Ltd. Tawa Nagar. The petitioner had sought time for furnishing counter response on the submission made by the respondent. The Commission accepted the request made by petitioner. The Commission scheduled the next hearing on 24.02.2015.

5. During the hearing on 24.02.2015 the petitioner through his counter reply dated 18.02.15 against respondent submission dated 06.02.15 submitted that Gurra feeder has been classified under the category of rural feeder and under no stretch of imagination supply from this feeder could be termed as reliable for the safety of powerhouse. Petitioner had informed the Commission that there had been incidences wherein the power was not available continuously for couple of days. To substantiate his version of feeder reliability, the petitioner had also furnished tripping details of Gurra feeder recorded at 220kV Pathrota S/s.

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The petitioner had further submitted that in light of such frequent interruptions and long hours of breakdown, respondent's submission for claiming Gurra rural feeder as reliable and fit for the purpose of synchronization and start up is devoid of merit. The respondent vide its rejoinder dated 10.02.2015 has stated that 33kV Gurra feeder is a rural feeder & attracts rebate as per provisions in the tariff. Respondent has denied the fact that the Gurra feeder is unreliable and has stated that details submitted by the petitioner regarding outages of feeder are not correct.

6. Considering the facts and circumstances as narrated by the petitioner and respondent and taking cognizance of petitioner's prayer, the Commission clarifies on following issues raised by petitioner in the prayer-

(i): The Commission vide its Retail supply tariff order for FY2013-14 and onwards has provided tariff schedule HV 4 for seasonal HT industries which is also applicable to mini/micro and small hydro plants to meet the essential requirements of power to maintain the plants without any ceiling as to the period for which supply shall be taken. Further, for synchronization & start up power for generators connected to the grid but who are not the consumer of distribution licensees, the Commission in its retail supply tariff order has provided separate tariff schedule HV-7. Further, clause 10 of MPERC (Cogeneration & generation of electricity from renewable source of energy (Rev1) regulations, 2010 specifies that the Generator/Co-generation from renewable sources would be entitled to draw power exclusively for its own use from the distribution licensee's network during shutdown period of its plant or during other emergencies. The energy consumed would be billed at the rate applicable to temporary connection under HT Industrial Category.

The Commission observed that aforesaid provisions of tariff order/ regulations are explicit and no further clarification is therefore, required.

(ii): The Commission further observes that the petitioner is consumer of the distribution licensee and therefore tariff schedule HV 7 is not applicable for his aforesaid connection.

(iii) : The Commission also observes that the issues raised by the petitioner at para (iii) & (iv) of this order pertains to billing dispute which falls under the preview of Electricity Consumer Grievances Redressal Forum (ECGRF) of distribution licensee.

Ordered accordingly

(Alok Gupta)
Member

(A. B. Bajpai)
Member

(Dr. Dev Raj Birdi)
Chairman