



CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED

(A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)

CIN U40108CT2003SGC015822

OFFICE OF EXECUTIVE DIRECTOR (RA&PM), CSPDCL, Raipur

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Raipur, Date: 25/10/2024

To

The Secretary,
Chhattisgarh State Electricity Regulatory Commission,
Irrigation Colony, Shanti Nagar,
Raipur (C.G.)



Sub: - Regarding levy of wheeling charges in case of Open Access consumers who have achieved COD after 27.12.2023 and calculation of Green Energy Charges for HT consumers.

Ref: - (1) Tariff Orders for FY 2024-25.
(2) CSERC (Grid Interactive Distributed Renewable Energy Sources) (second amendment) Regulation, 2023

Hon'ble CSERC has issued Regulation on Grid Interactive Distributed Renewable Energy Sources (IDRES) (second amendment) Regulation, 2023 notifying levy of wheeling charges on Open Access consumers who have achieved COD after 27.12.2023.

As per the tariff order FY 2024-25, the relevant portion regarding wheeling charges is as under:-

"10.10 Wheeling charges:

Energy losses shall be applicable as under, for conventional as well as RE Open Access transactions: a) The Open Access customers availing long-term/medium-term/short-term open access customers shall bear the energy loss specified as under:

- i) Energy Losses for using only the Transmission system of CSPTCL shall be 3%.*
- ii) Energy Losses/for using only distribution system of CSPDCL shall be 6%.*
- iii) Energy losses for using both the transmission system of CSPTCL and distribution system of CSPDCL or Combination thereof shall be 6%."*

Clarification is required as to which units are to be considered for computing wheeling charges – total injection units without considering transmission or distribution losses or injection units after adjusting transmission or distribution losses.

Billing of energy charges for HT consumers is done on kVAh units, whereas the tariff determined by the Hon'ble Commission for wheeling charges is on kWh Unit. Relevant portion of Tariff Schedule for FY 2024-25 is reproduced below:-

"3. Wheeling Charges:

For long-term, medium-term and short-term open access customer: Rs. 271.20 per MWh (or Rs. 0.2712 per kWh) for the energy computed as per the provisions made in Regulation 33 of the CSERC (Connectivity and Intra State Open access) Regulations, 2011 and its subsequent amendment(s)/revision, if any, at 100% load factor for wheeling. The same charges shall be applicable for both collective and bilateral transactions at the point of injection."

Therefore, clarification is required on whether billing of Wheeling Charges has to be done on kWh units recorded for HT Consumers or kVAh units will have to be converted to kWh units. If kVAh units are to be converted to kWh units, then at what power factor will the conversion has to be done?

It also needs to be clarified whether, TOD tariff (i.e. 120% of wheeling charge in on-peak period and 80% of wheeling charge in off-peak period) will be applicable for billing wheeling charges or not, in tariff categories where TOD tariff is applicable.

Similarly, clarification is also required on provisions of Green Energy Charges. Green Energy Tariff for consumers who wish to procure RE power has been determined by the Hon'ble Commission on kWh basis. Relevant portion of tariff schedule for FY 2024-25 is as under:-

11.4 Green Energy Charges:

a) For consumers who wish to procure RE Power for the purpose of reducing their carbon footprint and seeking Certification to this effect for FY 2024-25: Rs. 0.77/kWh.

b) For Consumers availing Green Energy from Distribution Licensee

<i>Source of RE</i>	<i>Wind</i>	<i>Hydro</i>	<i>Others</i>
<i>Green Energy charges (Rs./kWh)</i>	<i>0.61</i>	<i>3.38</i>	<i>1.72</i>

Clarification is required on whether billing of Green Energy Charges is to be done on monthly kWh units recorded for HT Consumers or kVAh units have to be converted to kWh units. If yes, then at what power factor the conversion has to be done? It needs to be clarified whether, TOD tariff (i.e. 120% of Green Energy Charge in on-peak period and 80% of wheeling charge in off-peak period) will be applicable or not, in tariff categories where TOD tariff is applicable. Clarification is also required in cases of solar net metering connections, as to how Green Energy Charges will be calculated- on import units or on net units.

Hence, it is requested that clarification may be provided on following points please:-

- (i) For Open Access consumers, who have achieved COD after 27.12.2023, as to which units are to be considered for computing wheeling charges - total injection units without considering transmission or distribution losses or injection units after adjusting transmission or distribution losses?
- (ii) Whether billing of Wheeling Charges has to be done on kWh units recorded for HT Consumers or kVAh units will have to be converted to kWh units? If kVAh units are to be converted to kWh units, then at what power factor will the conversion needs to be done?
- (iii) Whether TOD tariff (i.e. 120% of wheeling charge in on-peak period and 80% of wheeling charge in off-peak period) will be applicable for billing wheeling charges or not, in tariff categories where TOD tariff is applicable.
- (iv) Whether billing of Green Energy Charges is to be done on monthly kWh units recorded for HT Consumers or kVAh units have to be converted to kWh units? If yes, then at what power factor the conversion has to be done?
- (v) Whether, TOD tariff (i.e. 120% of Green Energy Charge in on-peak period and 80% of wheeling charge in off-peak period) will be applicable or not, in tariff categories where TOD tariff is applicable.
- (vi) In cases of solar net metering connections, as to how Green Energy Charges will be calculated- on import units or on net units?

An early action in this matter is highly solicited so that necessary changes in billing program can be incorporated in the ensuing billing month.


Executive Director (RA&PM)
CSPDCL: Raipur