Chhattisgarh State Electricity Regulatory Commission
Irrigation Colony, Shanti Nagar, Raipur - 492 001 (C.G.)
Ph.0771-4048788, Fax: 4073553
www.cserc.gov.in, e-mail: cserc.sec.cg@nic.in

Suo Motu P. No. 92 of 2022

In the matter of

"Review of order dated 18.04.2022 passed in suo motu petition No. 61 of 2020, related to modalities of banking."

PRESENT : Hemant Verma, Chairman
Vinod Deshmukh, Member (Judicial)
Pramod Kumar Gupta, Member

DRAFT ORDER

(January 05, 2023)

The Commission had notified Chhattisgarh State Electricity Regulatory Commission (Grid Interactive Distributed Renewable Energy Sources) Regulations, 2019 (in short, DRE Regulations 2019) with the objective to encourage investment in renewable energy generation in the State. These regulations specifies terms and conditions for prosumer distributed renewable energy system (PDRES) and independent distributed renewable energy system (IDRES). Provision for banking of energy for IDRES is also a part of these Regulations.

2. As per regulations on the provision, related to banking and wheeling, the Commission issued order on 18.04.2022 in suo motu petition No. 61 of 2020. In this order, the modalities for banking, calculation of quantum of banked energy, modalities for settlement of banked energy and energy from other sources, scheduling of power, tariff and

other charges for energy such as demand charges, wheeling, etc. were specified.

3. In due course of time Chhattisgarh Power Producers Association has filed petition before the Commission which is registered as petition No. 30 of 2022. The Commission, while disposing off the petition, has decided to review the order dated 18.04.2022 passed in suo motu petition No. 6l of 2020. Relevant para of the order dated 21.10.2022 passed in petition No. 30 of 2022 is reproduced below: -

"14. Regarding issue related to contract demand, the Commission agrees to the submission of the petitioner, however, to give effect to this, review in order dated 18.04.2022 passed in Suo Motu petition 61 of 2020 is required.

Therefore, the Commission directs Engineering section of the Commission to prepare a draft note and initiate regulatory process to review the order dated 18.04.2022."

4. Hence in this petition, issues related to billing of demand charges are deliberated. Existing provision related to billing of demand charges are as follows: -

*"**D. Consumer End - Tariff and other charges for energy -** The cumulative energy drawn from the distribution licensee worked out as above shall be billed to the consumer as per relevant tariff category as per prevailing Tariff Order. Calculation of load factor, if any, shall be carried out on energy consumption from licensee only. Also, variable cost adjustment charges (VCA charges), if any, shall be applicable on the energy consumption from distribution licensee.*

Billing for demand charges

1. *For the purpose of billing, contract demand shall be considered as summation of contract demand from licensee and contracted open access quantum.*

2. *Billing demand for any month shall be in accordance with the terms and condition of tariff as specified in the tariff order for the relevant year. Demand in excess of contract demand as determined in para 1 shall be treated as excess supply. The excess supply availed if any, in any month shall be charged as per provisions specified for "additional Page 21 of 21 charge for exceeding contract demand" under the terms and condition of tariff in the relevant year.*

3. *Applicable rate shall be 60% of demand charge for the demand as determined in para 1 or demand charges calculated on contract demand from distribution licensees with 100% demand charge rate as per applicable tariff order, whichever is higher. All the conversion requirements from kWh/KW to KVAh/KVA and vice versa, if any, shall be carried out with applying a power factor (PF) of 0.95. However, if direct values are available same shall be considered."*

By this draft Order para 'D' related to 'Consumer End Tariff and other charges for energy' of order dated 18.04.2022 is modified as follows:-

"The cumulative energy drawn from the distribution licensee worked out as above shall be billed to the consumer as per relevant tariff category as per prevailing Tariff Order. Calculation of load factor, If any, shall be carried out on energy consumption from licensee only. Also, variable cost adjustment charges (VCA charges), if any, shall be applicable on the energy consumption from distribution licensee.

Billing for demand charges

1. For the purpose of billing, contract demand from the distribution-licensee shall be billing demand.
2. Charges for Billing Demand for any month shall be as specified in the tariff order for the relevant year, Demand in excess of contract

demand as determined in para 1 shall be treated as excess supply. The excess supply availed if any, in any month shall be charged as per provisions specified for "additional charge for exceeding contract demand" under the terms and condition of tariff in the relevant year.

All the conversion requirements from kWh/KW to KVAh/KVA and vice versa, if any, shall be carried out with applying a power factor (PF) of 0.95. However, if direct values are available same shall be considered."

This order shall applicable from the date of issuance of order dated 18.04.2022, i.e., date of original order in suo motu P. No. 61 of 2020.

5. Comments / suggestions of the stake holders on the draft order is invited by January 27, 2023 and hearing will be held on January 30, 2023 at 11:30 AM in the Commission's court room.

(Pramod Kumar Gupta)	**(Vinod Deshmukh)**	**(Hemant Verma)**
Member	**Member (Judicial)**	**Chairman**