



सत्यमेव जयते



**ORDER
OF THE
WEST BENGAL ELECTRICITY REGULATORY COMMISSION**

IN CASE NO. OA-271/17-18

ORDER FOR SHARING OF TRANSMISSION DEVIATION CHARGES
LEVIED ON WEST BENGAL BY CENTRAL TRANSMISSION UTILITY
(CTU) AMONG ALL INTRA-STATE UTILITIES IN THE STATE OF WEST
BENGAL.

PRESENT:

**DR MALLELA VENKATESWARA RAO, CHAIRPERSON
SRI PULAK KUMAR TEWARI, MEMBER**

DATE: 19.06.2023



Order for sharing of Transmission Deviation Charges levied on West Bengal by Central Transmission Utility (CTU) among all intra-state utilities in the state of West Bengal.



Facts in brief:

- 1.0 WBSEDCL had submitted an application before the Commission on 20.03.2018 for issuance of appropriate order for sharing of Transmission Deviation Charges levied on West Bengal by Central Transmission Utility (CTU) among all intra-state utilities in the state of West Bengal.
- 2.0 The Commission vide order dated 16.04.2021 in Case No. OA – 271/17 – 18 had observed that the Transmission Deviation Charges levied by CTU has two components viz. (i) deviation due to over-injection by the Inter State Generating Stations (ISGS) and (ii) deviation due to over-drawal of West Bengal at CTU – STU interface. Accordingly, the Commission directed that, WBSEDCL being the sole beneficiary of ISGS, has to pay the ISTS Transmission Deviation Charge corresponding to ISGSs. For the Transmission Deviation Charge due to over-drawal of West Bengal as a whole at CTU-STU interface, SLDC shall formulate the proposal outlining the principles of sharing among state entities and submit before the Commission for approval. Relevant portion of the order is reproduced below:

"7.0 The Commission after careful consideration of the facts issues the following directions:

- A. *WBSEDCL shall submit copies of all the Transmission Deviation Account Bills duly authenticated for all the months starting from January, 2016 to SLDC.*
- B. *SLDC shall segregate the Bill amount of each month into two components namely
 - i) *Deviation charges due to overgeneration by ISGS;*
 - ii) *Deviation charges due to overdrawal.**
- C. *SLDC shall inform WBSEDCL the total amount of Transmission Deviation Charges to be paid by WBSEDCL on account of overgeneration by ISGS.*
- D. *WBSEDCL shall take necessary action for payment of the outstanding amount since January, 2016.*
- E. *SLDC shall formulate the proposal outlining the principle of settlement of adjustment other than the ISGS deviation dues and take prior approval of the Commission before proceeding with recovery of such charges."*

- 3.0 Now, SLDC vide letter dated 13.01.2023 has submitted the modalities for segregation of transmission deviation charge amongst all intra-state entities by apportioning it based on their positive deviation i.e., for over-drawal and under-injection from schedule. SLDC also suggested that the apportionment can be done among the intra-state distribution licensees



Order for sharing of Transmission Deviation Charges levied on West Bengal by Central Transmission Utility (CTU) among all intra-state utilities in the state of West Bengal.



only, where deviations on account of Intra State Generating Station (InSGS) shall be borne by their respective beneficiaries.

Observations of the Commission:

- 4.0 The Commission observed that the transmission deviation charges are required to be paid for any deviation to the transmission capacities booked with the ISTS (Inter State Transmission System) in a particular time block. The Commission also observes that any over-drawal by a drawee entity of the state and/ or any under-injection by an injecting entity within the state in a particular time block causes deviation in state's overall drawal from the ISTS. When such deviation goes beyond the total contracted capacity of the state, transmission deviation charge become applicable. It is evident that, if the state entities remain within their respective schedule, then the issue of transmission deviation charges does not arise. Hence, SLDC has proposed to share the transmission deviation charge payable by West Bengal among the state entities in proportion to their deviations from schedule.
- 5.0 However, the Commission observes that some state entities have long-term and medium-term capacity booked with ISTS and during low demand period such capacities remains under-utilized. Summation of such under-utilized capacity of all state entities in a time-block virtually act as a margin for the State. Any deviation by the state upto such margin do not attract any transmission deviation charges and if the transmission deviation is even more than such margin, then only transmission deviation charge is applicable. Hence, benefit of such under-utilized capacity (margin) needs to be accounted for to the respective state entity while sharing the State's payable transmission deviation charge among the state entities.
- 6.0 Accordingly, it is found reasonable to share the time-block wise transmission deviation charge payable to ISTS, due to over drawal by the State, among the state entities based on their over-drawal or under-injection in that particular block after adjusting any underutilized capacity (margin) of any state entity booked with ISTS in the respective time block.



Order for sharing of Transmission Deviation Charges levied on West Bengal by Central Transmission Utility (CTU) among all intra-state utilities in the state of West Bengal.



Order:

7.0 The Commission after careful consideration of the facts and observations issues the following directions in addition to the directions already given in order dated 16.04.2021:

- A. The deviation due to over-drawal of West Bengal as a State at CTU – STU interface for a particular time block shall be apportioned amongst all the intra-state entities connected to the STU system viz. InSGS, Distribution Licensees and Open Access Customers using the following formula.

$$\text{Share of transmission deviation charge for intra-state entity in a time block} = \text{TDA} \times \text{MW}_{di} / \sum \text{MW}_{di}$$

Where,

TDA = Transmission deviation charge (in Rs.) payable by the State due to the regional grid in a time-block.;

$\text{MW}_{di} = \{\text{Over-drawal / under-injection of entity "i"} - \text{Margin of entity "i"}\}$ in MW

Margin of entity "i" = under-utilized capacity booked in ISTS by the entity "i"
= (ISTS capacity booked by the entity – ISTS capacity scheduled for the entity) in MW

- B. SLDC shall compute the ratio of sharing amongst the all the intra-state entities by taking the required data from the Eastern Regional Power Committee (ERPC) and inform all the intra state entities and STU, the amount of Transmission Deviation Charges to be paid on monthly basis. All intra-state entities shall provide necessary information, if any, requested by SLDC.
- C. STU shall recover the amount of deviation from all the intra-state entities based on the computation of SLDC and shall pay the Transmission Deviation Charges to the billing entity considering the due date. STU shall maintain separate account for this purpose.



Order for sharing of Transmission Deviation Charges levied on West Bengal by Central Transmission Utility (CTU) among all intra-state utilities in the state of West Bengal.



8.0 The application is thus disposed of.

9.0 A copy of the order shall be posted in the website of the Commission.

10.0 All intra-state entities, STU and SLDC shall download the copy of the order from the website of the Commission and act on it. Certified copy of the order, if applied for, be given to the parties on completion of formalities laid down in the West Bengal Electricity Regulatory Commission (Conduct of Business) Regulations, 2013, as amended and on submission of necessary fees.

Sd/-
(PULAK KUMAR TEWARI)
MEMBER

Sd/-
(MALLELA VENKATESWARA RAO)
CHAIRPERSON

DATED: 19.06.2023

Sd/-
SECRETARY