

**ODISHA ELECTRICITY REGULATORY COMMISSION
PLOT NO.4, CHUNOLOLI, SAILASHREE VIHAR
BHUBANESWAR-751 021**

**Present : Shri U. N. Behera, Chairperson
 Shri S. K. Parhi, Member
 Shri G. Mohapatra, Member**

Case No. 82/2021

Odisha Power Transmission Corporation Limited.	Petitioner
Vrs.		
TPWODL & others	Respondents

In the matter of: **An application under Clause 3.10(4) of Odisha Grid Code(OGC) Regulations, 2015 seeking necessary direction of the Commission to the defaulting Distribution Companies of the State of Odisha in the event of not providing all the requisite information within the timeframe to the STU (OPTCL) for preparing and submitting a Long Term Demand Forecast (10 years) plan to the Commission on annual basis.**

For Petitioner: Shri Tapas Pattanayak, Sr.GM, OPTCL.

For Respondents: Shri K. C. Nanda, DGM(Fin.), TPWODL,
 Ms. Malancha Ghose, (RA), TPNODL,
 Shri Binod Nayak, Asst. GM(Comm.), TPSODL,
 And Shri V. Wagle, TPCODL. Nobody is present on behalf of
 Industrial Promotion and Investment Corporation of Odisha.

ORDER

Date of Hearing: 26.10.2021

Date of Order:03.11.2021

The present petition has been filed by OPTCL (the State Transmission Utility) for issuance of necessary directions to the defaulting distribution companies of the State of Odisha to submit the peak load and energy forecasts of their respective areas annually by 31st December in line with the provisions of the Odisha Grid Code (OGC), 2015. The petitioner has submitted that DISCOMs are required to submit the same for each category of loads for each succeeding five years alongwith the details of the demand forecast, data, methodology, assumptions and the basis of such forecast. The petitioner after receipt of the same is responsible to review the methodology & assumptions used by DISCOMs, determine the Long Term (10 years) Load forecast for state and submit it to the Commission for approval. The petitioner is

unable to file the forecast because of non-submission of the same within the stipulated time by DISCOMs. The important statutory requirements in this regard are as quoted below:

Extracts of Odisha Grid Code Regulations, 2015

“3.10 PLANNING RESPONSIBILITY

- (1) *The primary responsibility of load forecasting within its area rests with each of the Distribution Companies. The Distribution Companies shall determine peak load and energy forecasts of their respective areas for each category of loads for each of the succeeding five years and submit the same annually by 31st December to the Transmission Licensee along with details of the demand forecasts, data, methodology and assumptions on which the forecasts are based. The load forecasts shall be made for each of the External Connection Points between the STU and User and shall include annual peak load and energy projections and daily load curve. The demand forecasts shall be updated annually or whenever major changes are made in the existing forecasts or planning. While indicating requirements of single consumer with large demands (5 MW or higher) the Distribution Company shall satisfy itself as to the degree of certainty of the demand materialising.*
 - (2) *The STU is responsible for integrating the load forecasts submitted by each of the Distribution Companies and determining the long term (10 years) load forecasts for the State within ninety days of the date on which the distribution companies furnished all the required information consistent to provisions of the OGC. In doing so the STU may apply appropriate diversity factors, and satisfy itself regarding probability of materialisation of bulk loads of consumers with demands above 5 MW in consultation with that Distribution Company concerned.*
 - (3) *The STU may also review the methodology and assumptions used by the Distribution Company in making the load forecast, in consultation with the Distribution Company. The resulting overall load forecast will form the basis of planning for expansion of generation and the Transmission System.*
 - (4) *In the event, Distribution Companies failed to provide all the requisite information within the time frame and in accordance with the form provided by the STU, the STU shall approach to the Commission for a directive.”*
2. The petitioner has submitted that the Commission had approved the Long Term Demand Forecast (LTDF) for the FY 2017-18 to 2026-27 vide its order dt.15.01.2019 in Case No.47 of 2018. The petitioner could not file the LTDF annually for last 3 consecutive years i.e. in FY 2018-19 (for the period 2018-19 to 2027-28), FY 2019-20(for the period from 2019-20 to FY 2028-29) and FY 2020-21 (for the period from 2020-21 to 2029-30) due to non-submission of data/information by DISCOMs.
 3. The petitioner has further submitted that in spite of several correspondences, the two distribution licensees namely TPWODL (erstwhile WESCO Utility) and TPNODL

(erstwhile NESCO Utility) have not furnished any relevant data/information in relation to LTDF during last 3 years. Further, respondent TPCODL has not yet submitted the required information for the period from FY 2020-21 to 2024-25.

4. As per 3.10(4) of the OGC, 2015, the petitioner is required to approach the Commission for a directive in case of failure by DISCOMs in providing the requisite information within the time frame. Therefore, the present application has been filed by the petitioner with a prayer to issue necessary direction to the Distribution Companies of the State of Odisha to provide all the requisite information in relation to LTDF within the timeframe.
5. Heard the parties at length. The Commission has gone through the written submission by OPTCL and also taken the oral submission of DISCOMs during the hearing on record. TPCODL has submitted that henceforth they will submit their data in compliance to the OGC, 2015 within the stipulated time to STU. Respondent, TPNODL has requested for certain clarifications on the formats developed by the petitioner for the purpose and has also agreed for submission of the same without any delay. Respondent, TPWODL has admitted that the delay in submission was due to the gap in communication. Henceforth, they will abide to the time as stipulated in the Code.
6. We observe that the electricity demand forecast has been made to assess the demand in each category of load at various inter connection points so that the licensees would be able to plan and meet the requirement in future by augmentation /up-gradation of the associated transmission and distribution network for extension of quality power to the consumers of the State. The expected electricity peak demand may be considered for the purpose of transmission and distribution infrastructure planning to avoid constraint/congestion in case of load growth in future.
7. In view of the above statutory provisions and taking the above facts /views into consideration, the Commission directs as under:
 - (i) DISCOMs should submit peak load and energy forecast for their respective areas for each category of loads for the FY 2020-21 to 2024-25 to OPTCL within 30.11.2021 and OPTCL to submit the long term (10 years) load forecast for the FY 2020-21 to 2029-30 within 31.12.2021.

- (ii) Thereafter, the provisions of Odisha Grid Code 2015 should be followed scrupulously by the licensees for submission of long term load forecast.
- (iii) OPTCL should have online meetings with the distribution licensees within three days to clarify the formats and other relevant issues in this regard.
- (iv) Henceforth, non-submission/delayed submission of the load forecast by the licensee(s) shall be viewed seriously

8. Accordingly, the case is disposed of.

Sd/-
(G. Mohapatra)
Member

Sd/-
(S. K. Parhi)
Member

Sd/-
(U. N. Behera)
Chairperson