



झारखण्ड राज्य विद्युत नियामक आयोग JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION

JSERC/Case (Tariff) No.02 of 2023/467
Date: 27th March 2023

To

Shri S. R. Singh
Electrical Superintending Engineer
Tenughat Vidyut Nigam Limited (TVNL)
Hinoo, Doranda, Ranchi - 834002

Sub: Additional data requirement pertaining to deficiencies observed in the Petition for True-up of first control period for FY 2012-13 to FY 2015-16 of Tenughat Vidyut Nigam Limited (TVNL) – Regarding thereof.

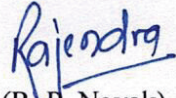
Sir,

Please find enclosed a copy of Order dt. 27.03.2023 passed by the Commission in Case (Tariff) No. 02 of 2023 along with office report dt. 27.03.2023 pointing out some discrepancies in the petition as cited.

A compliance report to this effect removing the discrepancies together with required additional data may please be sent within two weeks as ordered.

Thanking you.

Yours faithfully,


(R. P. Nayak)
Secretary

**JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION
RANCHI**

FORM OF PROCEEDING
Case (Tariff) No. 02 of 2023

Tenughat Vidyut Nigam Limited. (TVNL)

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Petitioner

Sl. No.	Date of proceeding	Proceedings of the Commission with signature	Office action taken with date
1	2	3	4
2.	27.03.2023	<p>The petition dated 28.02.2023 for True-up of first control period FY 2012-13 to FY 2015-16 of the petitioner - Tenughat Vidyut Nigam Limited (TVNL) for 2x210 MW Tenughat TPS have been scrutinized and several deficiencies/ discrepancies have been pointed out as shown in the office report dated 27.03.2023.</p> <p>The petitioner is directed to meet the deficiency and remove the defects within two weeks.</p> <p>Put on receipt of replies.</p> <p style="text-align: center;">Sd/- Sd/- Sd/- Member (T) Member (L) Chairperson</p>	



Office Report

The petition dated 28.02.2023 for True-up of first control period FY 2012-13 to FY 2015-16 of the petitioner - Tenughat Vidyut Nigam Limited (TVNL) for 2x210 MW Tenughat TPS have been scrutinized and several deficiencies/ discrepancies have been scrutinized and several deficiencies/discrepancies have been found in the petition as indicated below:

Note on Data Gaps/ Discrepancies in respect of the True-up Petition filed by The Tenughat Vidyut Nigam ltd. (TVNL) for FY 2012-13 to FY 2015-16.

1. The Petitioner is required to provide the duly certified copy by the auditor certifying the Operational Parameters for FY 2012-13 to FY 2015-16.
2. The Petitioner is directed to submit a Plant availability factor duly certified by the State Load Dispatch Centre (SLDC) for FY 2012-13 to FY 2015-16.
3. The petitioner is directed to submit a copy of the monthly bill raised to the beneficiary for FY 2012-13 to FY 2015-16.
4. The Petitioner is directed to submit the audited certificate of GCV of primary fuel for FY 2012-13 to FY 2015-16.
5. It is observed that the Petitioner has claimed the actual plant availability factor for FY 2014-15 as 79.91%; which is lower than the normative availability of 85% as per clause 8.4 of the JSERC Generation Tariff Regulation 2010. In this regard, the Petitioner is directed to provide a details justification for such a lower plant availability factor.
6. As per Table 5, and Table 6 of the Tariff Petition, it is observed that the actual Plant load factor (PLF) for FY 2012-13, FY 2013-14, FY 2014-15, and FY 2015-16 was 79.42%, 61.32%, 64.71%, and 71.46% respectively; which are lower than the normative value of 85.00% as per MYT Order dated 30th May 2012. In this regard, the Petitioner is required to provide the justification for such a lower PLF.
7. It is observed that the Petitioner has claimed the actual auxiliary consumption for FY 2012-13, FY 2013-14, FY 2014-15, and FY 2015-16 was 10.43%, 11.29%, 11.35%, and 11.68% respectively; which is higher than the normative value of 9.50% as per clause 8.4 of the

JSERC Generation Tariff Regulation 2010. In this regard, the Petitioner is required to provide the justification for such deviation.

8. It is observed that the Petitioner has claimed the Gross Station Heat Rate (GHR) for FY 2012-13, FY 2013-14, FY 2014-15, and FY 2015-16 was 2939.68 kcal/kWh, 2778.07 kcal/kWh, 2843.03 kcal/kWh, and 2753.25 kcal/kWh respectively against the normative value of 2908 kcal/kWh, 2773 kcal/kWh, 2638 kcal/kWh and 2503 kcal/kWh as per clause 8.4 of the JSERC Generation Tariff Regulation 2010. In this regard, the Petitioner is required to provide the reason for the higher Station Heat Rate.
9. It is observed that the Petitioner has claimed a higher price of primary fuel for FY 2012-13 to FY 2015-16 with respect to the annual audited account submitted by the Petitioner. In this regard, the Petitioner is directed to submit a details justification for such a claim.
10. It is observed that the Petitioner has claimed the specific secondary fuel oil consumption for FY 2012-13, FY 2013-14, FY 2014-15, and FY 2015-16 was 1.61 ml/kWh, 1.88 ml/kWh, 1.49 ml/kWh, and 1.15 ml/kWh respectively against the normative value of 1.00 ml/kWh as per clause 8.4 of the JSERC Generation Tariff Regulation 2010. In this regard, the Petitioner is directed to provide the justification for such a higher specific secondary fuel oil consumption.
11. It is observed that the landed price of coal for FY 2012-13, FY 2013-14, FY 2014-15, and FY 2015-16 increased from the Commission approved value as per MYT Order. In this regard, the Petitioner is required to provide the justification for such a deviation.
12. The Petitioner is directed to submit the justification regarding the addition of consumption of stocks & spare taken into account of O&M expense for FY 2012-13 to FY 2015-16 which is not in line with clause 7.40 of JSERC Generation Tariff Regulation 2010.
13. The petitioner is required to submit documentary evidence of the actual ash disposal expenses for FY 2012-13 to FY 2015-16.
14. The petitioner is required to submit documentary evidence of the actual water expenses for FY 2012-13 to FY 2015-16.
15. The Petitioner is directed to submit the detailed break up of capital expenditure & capitalization schedule regarding the addition of debt and equity for FY 2012-13 to FY 2015-16.

16. The Petitioner is directed to submit the methodology used for calculation towards depreciation submitted in the final True-up for FY 2012-13 to FY 2015-16.
17. It is observed that the Petitioner has claimed higher interest on a long-term loan against the approved interest on a long-term loan as in provisional True-up orders dated 30th September 2016 and 28th February 2020 respectively. In this regard, the Petitioner is directed to submit the detailed justification & methodology used for calculation towards a long-term loan submitted in the final True-up for FY 2012-13 to FY 2015-16.
18. The Petitioner is directed to submit a detailed justification towards such a higher rate of interest i.e 13% for calculation of interest on the normative loan submitted in the final true up for FY 2012-13 to FY 2015-16.
19. It is observed that the Petitioner has claimed a Return on Equity for FY 2012-13 to FY 2015-16 considering the base rate of 15.5%. However, as per clause 7.16 of JSERC Generation Tariff Regulation 2010, Return on equity shall be computed on a pre-tax basis at the base rate of 15.50%, to be grossed up as per clause 7.17 of these Regulations. In this regard, the Petitioner is directed to submit a detailed justification for such a deviation.
20. TVNL was also directed to reconcile the fixed assets register for FY 2012-13 to FY 2015-16 after physical verification and submit a detailed asset-wise register along with an asset-wise depreciation schedule before the Commission.


Secretary