



**TELANGANA ELECTRICITY REGULATORY COMMISSION**  
Vidyut Niyantran Bhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad 500 045

**ORDER**

**ON**

**AGGREGATE REVENUE REQUIREMENT &  
TRANSMISSION TARIFFS FOR 5<sup>th</sup> CONTROL PERIOD  
(FY 2024-25 TO FY 2028-29)**

**FOR**

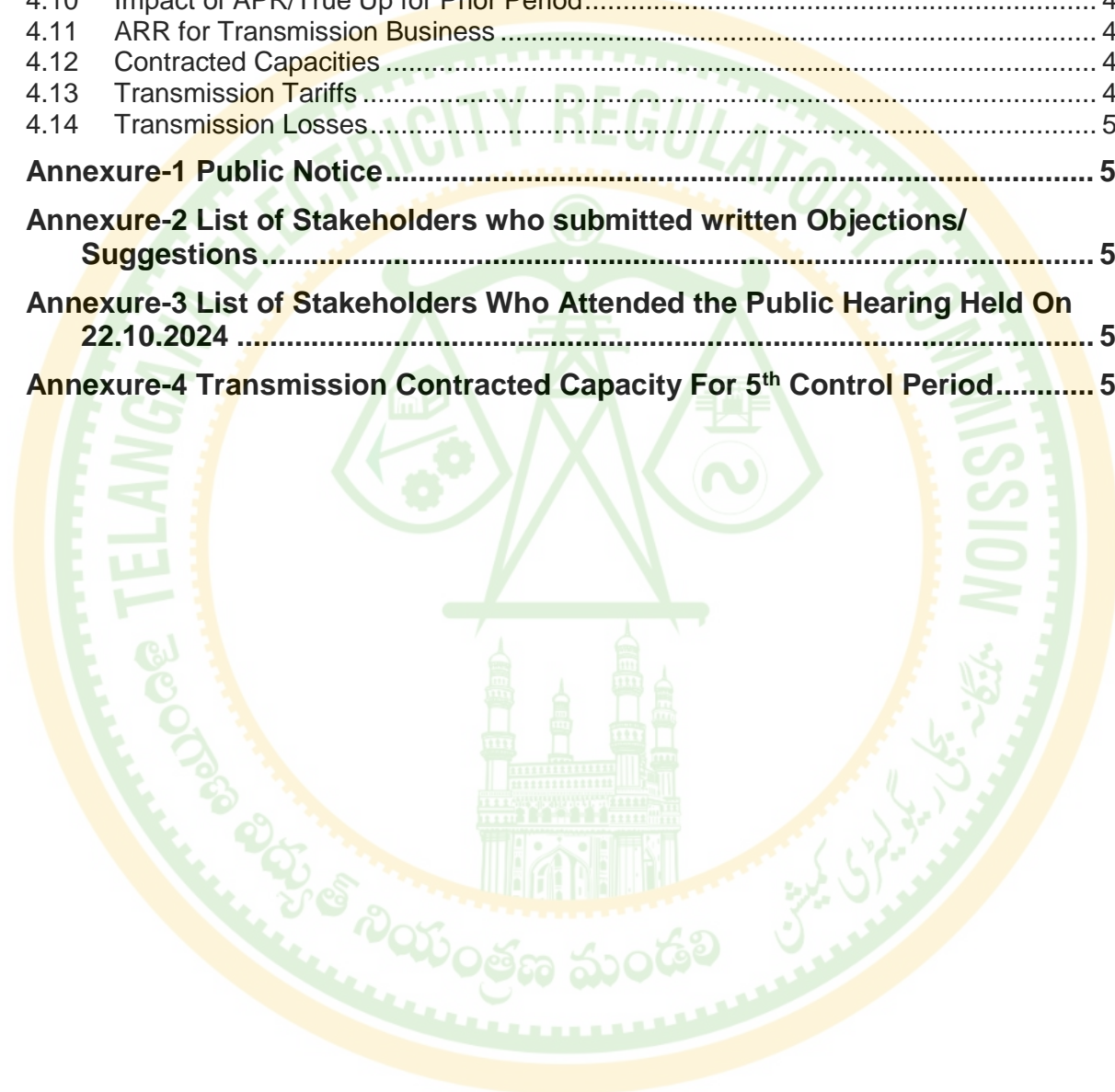
**TRANSMISSION CORPORATION OF TELANGANA LIMITED  
(TGTransco)**

**28.10.2024**

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### **List of Abbreviations**

4 <sup>th</sup> control period	For the period for FY2019-20 to FY2023-24
5 <sup>th</sup> control period	For the period for FY2024-25 to FY2028-29
A&G	Administrative and General
APR	Annual Performance Review
ARR	Aggregate Revenue Requirement
CAG	Comptroller and Auditor General of India
CERC	Central Electricity Regulatory Commission
FCC	Financial Completion Certificate
FY	Financial Year
Gol	Government of India
GoTG	Government of Telangana
GFA	Gross Fixed Assets
I&CAD	Irrigation & Command Area Development
IEGC	India Electricity Grid Code
IND AS	Indian Accounting Standard
ISTS	Inter State Transmission System
kV	kilo Volt
LIS	Lift Irrigation Scheme
MAT	Minimum Alternate Tax
MoP	Ministry of Power
MVA	Mega Volt Ampere
MW	Mega-Watt
MYT	Multi Year Tariff
NLDC	National Load Despatch Centre
O&M	Operation and Maintenance
OP	Original Petition
OCFA	Original Cost of Fixed Assets
PPA	Power Purchase Agreement
NCE	Non-Conventional Energy
PGCIL	Power Grid Corporation of India Limited
R&M	Repairs and Maintenance
ROCE	Return on Capital Employed
RoE	Return on Equity
RoW	Right of Way
RRB	Regulated Rate Base
Rs.	Rupees
SLDC	State Load Dispatch Centre
SRLDC	Southern Regional Load Dispatch Centre
STU	State Transmission Utility
TGERC	Telangana Electricity Regulatory Commission
TGTransco	Transmission Corporation of Telangana Limited
WACC	Weighted Average Cost of Capital



**TELANGANA ELECTRICITY REGULATORY COMMISSION**  
**Vidyut Niyantran Bhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad 500 045**

**Dated 28.10.2024**

**Present**

Sri T. Sriranga Rao, Chairman  
Sri M.D. Manohar Raju, Member (Technical)  
Sri Bandaru Krishnaiah, Member (Finance)

**O.P.No.14 of 2024 & I.A.No.13 of 2024**

Transmission Corporation of Telangana Limited

... Applicant

The Transmission Corporation of Telangana Limited (hereinafter referred to as "Applicant" or "Petitioner" or "TGTransco" or Licensee) filed the Petition before the Commission on 06.08.2024 for approval of Aggregate Revenue Requirement (ARR) and Transmission Tariff for the Multi Year Tariff (MYT) Period from FY2024-25 to FY2028-29 for its Transmission Business under Section 26(5) of the Andhra Pradesh Electricity Reform Act, 1998 and under Part VII (Section 61 to Section 64) of the Electricity Act, 2003 (hereinafter referred to as 'the Act') read with the Telangana Electricity Regulatory Commission (Multi Year Tariff) Regulation No.2 of 2023.

The Commission, in exercise of its powers under the Electricity Act, 2003 read with Regulation No.2 of 2023 and after considering petitioner's submissions, additional submissions, suggestions/objections of the stakeholders, issues that are raised during Public Hearing, response to the same by the petitioner and all other relevant material, passed the following Order.

# ORDER

## CHAPTER-1

### INTRODUCTION

#### **Background**

##### **The Commission**

- 1.1.1 Telangana State Electricity Regulatory Commission was constituted by the Government of Telangana (GoTG) in terms of the provisions of Schedule XII(C)(3) of the A.P. Reorganisation Act of 2014, read with Section 82(1) of the Electricity Act, 2003 vide G.O.Ms.No.3, (Energy) (Budget) Department, dated 26.07.2014. The Government of Telangana issued G.O.Ms.No.12, Energy (HR. A1) Department, dated 31.05.2024 for change of nomenclature and amended the expression and abbreviation as 'Telangana Electricity Regulatory Commission (TGERC)'.
- 1.1.2 This Commission having been established u/s 82(1) of the Act, 2003 is required to exercise the powers and functions vested in it in terms of Section 86(1)(a) and Section 62(1) of the Act, 2003 to determine the tariff for transmission of electricity within the State of Telangana.

##### **TGTransco**

- 1.1.3 Consequent upon formation of the state of Telangana and its coming into being with effect from 02.06.2014, the Government of Andhra Pradesh has established Transmission Corporation of Telangana Limited vide G.O Ms. No 25 dated 29.05.2014. The Commission (APERC) has issued deemed license to TGTransco (the State Transmission Utility) with license No.1 of 2014 vide proceeding No.APERC/Secy/160/2014 dated 11.07.2014 with effective from 23.06.2014.
- 1.1.4 In pursuant to provisions of the Andhra Pradesh Reorganisation Act, 2014, the then Government of Andhra Pradesh vide G.O.Ms.No.26 Energy (CC) Department, dated 29.05.2014 had created a separate transmission company for the State of Telangana. Accordingly, Transmission Corporation of Telangana Limited was formed and got incorporated on 29.05.2014 under the Companies Act, 2013 for undertaking power transmission business in Telangana State. The Government of Telangana, under Section 31(1) of the Electricity Act, 2003 has notified Transmission Corporation of Telangana

Limited (as the State Transmission Utility (STU) in the State vide G.O.Ms.No.1, dated 21.06.2014. TGTransco is presently carrying out solely, the transmission business and SLDC activity as per the Licence No.1 of 2014 granted by the erstwhile APERC on Deemed Licence Conditions of Licensee, Transitional (Reorganisation) Regulations, etc.

1.1.5 In the wake of the State Government issuing U.O. Note No.4634/Genl, L&C/2024, dated 17.05.2024 to replace all references to “TS” with “TG” in the nomenclature of all State PSUs, Agencies, Autonomous Institutions and other government bodies, the TSTRANCO has been replaced the abbreviated form of the company from TSTransco to TGTransco and also to use the revised logo in all official documents.

## **1.2 Regulation No.1 of 2014**

1.2.1 The Commission soon after its formation has notified Regulation viz., ‘Adoption’ Regulation No.1 of 2014 on 10.12.2014 being adoption of previously subsisting regulations, decisions, directions or Order, licenses and practice of directions. As such, all the Regulations framed by the erstwhile Commission before formation of Telangana State will continue to apply for the State of Telangana, till further modification.

## **1.3 Regulation No.5 of 2005**

1.3.1 Accordingly, the Regulation No.5 of 2005 notified on 30.11.2005 viz., ‘(Terms and conditions for determination of Transmission Tariff) Regulation, 2005 and its subsequent amendment thereof, as subsisting as on date of constitution of TGERC and in force, shall mutatis mutandis apply to the State of Telangana. Regulation No.5 of 2005 introduced Multi-Year-Tariff framework and specified the principles and procedures of filings and also defines control period as a multi-year period fixed by the Commission from time to time, usually five (5) years, consequently 4<sup>th</sup> control period is from FY2019-20 to FY2024-25.

## **1.4 Earlier ARR & Transmission Tariffs Order of the Commission**

1.4.1 The Commission has passed Orders on 20.03.2020 in O.P.Nos.3 of 2019 on Aggregate Revenue Requirement and Transmission Tariffs for 4<sup>th</sup> control period (FY 2019-20 to FY2023-24) for Transmission business of TGTransco.



## **1.5 Determination of MYT for 4<sup>th</sup> control period and APRs for FY2019-20, FY2020-21 & FY2021-22 and FY2022-23 for Transmission Business**

1.5.1 Based on the filings the Commission issued MYT Order dated 20.3.2020 for 4<sup>th</sup> control period for Transmission Business i.e. from FY2019-20 to FY2023-24, for TGTransco filing for ARR, FPT and MYT for 4<sup>th</sup> control period and passed Order dated 02.09.2021 for Annual Performance Review (APR) for FY2019-20, Order dated 07.04.2022 for APR of FY2020-21, Order dated 26.05.2023 for APR of FY2022-23 and Order dated 07.06.2024 for APR of FY2022-23 for TGTransco Transmission Business. The Commission vide its Order dated 07.06.2024 in O.P.No.2 of 2024 has determined the net revenue surplus of Rs.529 crore till FY2022-23 for transmission Business. The relevant paragraphs of the said Order are reproduced below for reference:

*“4.13 RECOVERY OF REVENUE GAP/(SURPLUS)*

*4.13.1 The Commission directs the Applicant to include and propose the adjustment mechanism of the total approved revenue surplus of Rs.527.29 crore (gap of Rs.64.89 crore for FY2019-20, surplus of Rs.173.93 crore for FY2020-21, gap of Rs.160.80 crore for FY2021-22 and surplus of Rs.579.05 crore for FY2022-23) in its end of control period review petition for 4<sup>th</sup> control period.”*

## **1.6 Timelines for Filings MYT ARR and Tariffs for 5<sup>th</sup> control period as per Regulation No.5 of 2005**

1.6.1 As per clause 6.1 of Regulation No.5 of 2005, TGTransco shall file a petition for approval of ARR and Filings for Proposed Tariff (FPT) for each year of the control period not less than 120 days before commencement of the first year of the control period, as such for MYT ARR and Transmission charges filing for Transmission Business for the control period (FY 2024-25 to FY2028-29) is to be filed by 30.11.2023.

## **1.7 Correspondence made for Extension of Time for filing MYT petition for 5<sup>th</sup> control period prior to notification of Regulation No.2 of 2023**

1.7.1 TGTransco vide letter D.No.101/23, dated 25.11.2023 requested the Commission for grant of One (1) month time extension for filing of petition for determination of ARR and Tariff for 5<sup>th</sup> control period stating the following reasons:

a) *The Model Code of Conduct in Telangana is in force in view of the State Assembly Elections, 2023. The Election Commission announced the*

*assembly poll schedule for Telangana State declaring that polls will be held on 30.11.2023, while the ... .. will take place on 03.12.2023.*

- b) *TGTransco file the Resource Plan petition before the ERC as O.P.No.9 of 2023 & I.A.No.6 of 2023, the order for which is awaited. The approved Resource Plan will be guiding factor to prepare the ARR and FPT for Transmission Business for 5<sup>th</sup> control period.*

1.7.2 The Commission vide letter D.No.784/23, dated 01.12.2023, after careful consideration of submissions made by TGTransco, has accorded extension of time for filing petition for determination of ARR and Transmission Tariff for 5<sup>th</sup> control period upto 02.01.2024.

## **1.8 Regulation No.2 of 2023**

1.8.1 Meanwhile, this Commission has notified 'Multi Year Tariff' Regulation, 2023 [Regulation No.2 of 2023] on 30.12.2023, which supersedes Regulation No.5 of 2005.

## **1.9 Timelines for Filings MYT ARR and Tariffs for the control period for FY2024-25 to FY2028-29 as per Regulation No.2 of 2023**

1.9.1 As per clause 6 of Regulation No.2 of 2023, TGTransco has to make Multi Year Tariff petition comprising of (i) True-up of preceding year; (ii) Aggregate Revenue Requirement (ARR) for each year of 5<sup>th</sup> control period; and (iii) proposal of Transmission Tariff for each year of 5<sup>th</sup> control period for (FY 2024-25 to FY2028-29) by 31.01.2024.

## **1.10 Correspondence made for Extension of Time for filing MYT petition for 5<sup>th</sup> control period After notification of Regulation No.2 of 2023**

1.10.1 TGTransco vide letter D.No.121/23, dated 30.01.2024 requested for grant of three (3) months' time from 31.01.2024 to 30.04.2024 for filing of ARR & Tariff proposals for both Transmission and SLDC businesses for 5<sup>th</sup> control period stating the following reasons:

- a) *TGTransco has filed an application on 24.01.2024 under the provision of clauses 103 & 104 of new MYT Regulation No.2 of 2023 seeking amendment to certain clauses of the said Regulation.*
- b) *The clauses sought to be amended will have significant impact on the Revenue and Expenditure of TGTransco and will adversely impact the cash flows from the first year of the control period.*
- c) *The Commission has returned the application filed by TGTransco file vide letter D.No.76/2024 dated 29.01.2024 seeking explanations and further information in regard to the power of the Commission to amend certain clauses of the said Regulation. The issue raised by the*

Commission are under examination by TGTransco and shall submit the same shortly.

1.10.2 The Commission vide letter D.No.113/24, dated 07.02.2024, informed TGTransco that the request for grant of 3 months' time for filing of ARR and Tariff proposals is not accepted and directed to comply with the deadline as indicated in Regulation No.2 of 2023.

### 1.11 Extension of Applicability of Transmission Charges for Transmission Business from 01.04.2024 onwards

1.11.1 The Commission in its order dated 15.03.2024 in I.A.No.8 of 2024 in O.P.No.3 of 2019 has extended the application of transmission tariffs and losses in kind for further period upon expiry of 4<sup>th</sup> control period i.e., on 31.03.2024. The relevant last paragraph of the said order is reproduced below:

12. Accordingly, the transmission tariff and losses in kind as applicable on 31.03.2024 as determined in the order dated 20.03.2020 are applicable and can be levied by applicant from 01.04.2024 onwards pending disposal of the application finally. **The applicant is directed to file the regular petitions for determination of fresh transmission tariff and losses in kind for 5<sup>th</sup> control period being FY2024-25 to FY2028-29 immediately.**

### 1.12 Statutory and Regulatory Provisions

1.1.1 As per provision under clause 6.2 of Regulation No.2 of 2023 the timelines stipulated for filing Multi Year Tariff petition for control period commencing from 01.04.2024 is by 31.01.2024.

1.12.1 Clause (4) [clause 4(3)(c) of Principal Regulation No.2 of 2016] of First Amendment to 'Fee' Regulation, 2022 (Regulation No.2 of 2022) stipulates that"

*"The penal fee that is attracted in case of licensee or generating company not complying with the provisions of other regulations on the specific topics mentioned in the table below shall be required to pay the penal fee as shown in the opposite column on each of the petition separately whenever it is filed.*

1. Aggregate Revenue Requirement & Tariff/ Multi Year Tariff petition. ... ..	Rs.5,000/- per day for the first 30 days beyond the specified date. After 30 days, Rs.1,50,000/- plus Rs.10,000/- per day till submission of petition
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1.12.2 Provision under clause 29.2 of Multi Year Tariff Regulation No.2 of 2023 stipulates that:

*"Provided that in case of delay in submission of tariff/true-up filings by the generating entity or licensee or SLDC, as required under this*

*Regulation, rate of RoE shall be reduced by 0.5% per month or part thereof.”*

### **1.13 Present Petition**

1.13.1 TGTransco has filed the MYT Petition on 06.08.2024 for the control period from FY2024-25 to FY2028-29 with the following prayers:

- a. to consider and admit the accompanying petition for condoning the delay in filing Aggregate Revenue Requirement and Filings for Proposed Tariff for 5<sup>th</sup> control period i.e., FY2024-25 to FY2028-29 for Transmission Business by TGTransco;
- b. to take the accompanying MYT petition for filing Aggregate Revenue Requirement and filings for Proposed Tariff for the control period i.e., FY2024-25 to FY2028-29 for Transmission business by TGTransco on record;
- c. for kind consideration of Income Tax paid for the FY2022-23, in line with previous APR Orders, and adjust the True-up accordingly in ensuing MYT Orders for the control period FY2024-25 to FY2028-29, as prayed for in the Review Petitioner O.P.No.2 of 2024;
- d. to grant suitable opportunity to TGTransco within a reasonable time frame to file additional material information, if required;
- e. to grant the waivers prayed for with respect to such filing requirements as TGTransco is unable to comply with at this stage, as more specifically detailed and for the reasons set out in the present ARR, FPT & MYT filing;
- f. to treat the filing as complete in view of substantial compliance as also the specific requests for waivers with justification placed on record;
- g. to consider and approve TGTransco's ARR, FPT & MYT including all requested regulatory treatments in the filing;
- h. to pass such Order, as the Commission may deem fit and proper in the facts and circumstances of the case.

### **1.14 Delay Condonation Application**

1.14.1 TGTransco has also filed application for delay condonation (Interlocutory Applications) along with the original petition on 06.08.2024, duly submitting the following reasons for delay in filing petition:

- a) The Commission had notified the MYT Regulation, 2 of 2023 in the month of Dec'2023 and informed the licensees to file ARR MYT as per the new Regulation instead of the prevailing Regulation 2 of 2005; As such, the information as required under the new data sheets incorporated was not available with the licensee.
- b) The licensee had filed petition before the Commission explaining financial burden on the licensee due to application of the MYT Regulation, 2 of 2023, seeking amendment of viz., Clause-28 for Depreciation and Clause-27 for Debt/Equity Ratio, which was not accepted as communicated by this Commission vide Lr. Dated 29-01-

2024.

- c) The licensee requested the Commission to grant time extension of 3 months for filing of the ARR MYT proposals for the control period (FY 2024-25 to FY2-28-29), which was rejected in its Lr. No. TGERC / Secy/ E660832/ D.No.113 /24 dated 07-02-2024.
- d) The licensee submitted that the model code of conduct from 16<sup>th</sup> March to 6<sup>th</sup> June was in force in Telangana (83 days).
- e) The financials (R.E.) for the base year FY2023-24 are revised as per actual/provisional accounts for FY2023-24.

1.14.2 The Commission observed that despite multiple extensions accorded for filing the MYT Tariff petition (initially extended from 30.11.2023 to 02.01.2024, and later to 31.01.2024 by notifying Regulation No.2 of 2023), and directions issued to comply with the timelines as specified in Regulation No.2 of 2023, TGTransco has failed to file Multi Year Tariff petition for Transmission business. Further, the contention of TGTransco that the delay is due to Model Code of Conduct in force during major part of this period is not acceptable as they could file MYT Tariff petition in a sealed cover during enforcement of Model Code of Conduct which they failed to do so. As such, to enforce discipline, the Commission decided to impose penalties as per Fee Regulation No.2 of 2016 read with subsequent amendments thereof and Regulation No.2 of 2023. The Commission has dealt with regard to reduction in rate of RoE in terms of Regulation No.2 of 2023 in Chapter-4. **The Commission directs the petitioner to adhere to the timelines as specified in Regulation No.2 of 2023 in future filing of petitions.**

### **1.15 Admission of Petitions**

1.15.1 Upon ensuring the payment of requisite penalty amounts as per Fee Regulation No.2 of 2016 read with subsequent amendments thereof and Regulation No. 2 of 2023, the petition submitted by TGTransco was scrutinized and to be generally in Order as required under 'Conduct of Business' Regulation, 2015 (Regulation No.2 of 2015). The Commission admitted the filings and the same were taken on record by assigning O.P.No.14 of 2024 & I.A.No.13 of 2024.

### **1.16 Data Gaps**

1.16.1 Upon scrutiny of the filing, the Commission identified certain data gaps and directed the petitioner to furnish additional information. Subsequently, the Applicants submitted the additional information. The Commission has

considered the original filings and additional information submitted by the petitioner.

### **1.17 Public Notice**

1.17.1 The petitioner, as directed by the Commission, published a Public Notice in two (2) Telugu, two (2) English and One (1) Urdu daily newspapers on 20.09.2024 (Annexure-1) for information of all stakeholders and the general public at large that petitioner has filed MYT ARR and Transmission Tariffs petition before the Commission in respect of their Transmission Business for 5<sup>th</sup> control period. It was also notified in the Public Notice that, objections/ suggestions on the filings may be filed with the petitioner by 11.10.2024 with a copy marked to the Commission Secretary. In the Public Notice it was also indicated that the venue of Public Hearing to be held on 22.10.2024 from 10:30 hours onwards in the Court Hall of the Commission, 'Vidyut Niyamtran Bhavan', G.T.S. Colony, Kalyan Nagar, Hyderabad 500 045. The filings of the applicant along with the additional information submitted by TGTransco was also posted on the official website of TGTransco as well as on the website of the Commission.

### **1.18 Response to Public Notice**

1.18.1 In response to the Public Notice, objections/suggestions were received from Six (6) stakeholders. The details of stakeholders who submitted objections/ suggestions is enclosed as Annexure-2.

1.18.2 The petitioner was directed to arrange response to the stakeholder's written objections/suggestions received, by 16.10.2024 to the respective objector with a copy to the Commission Secretary. It was also directed to post the replies on the website of TGTransco.

1.18.3 Considering the request from some of the stakeholders to extend the time for submission of comments on the petition, the Commission allowed the stakeholders to submit their objections/comments in the schedule public hearing.

### **1.19 State Advisory Committee Meeting**

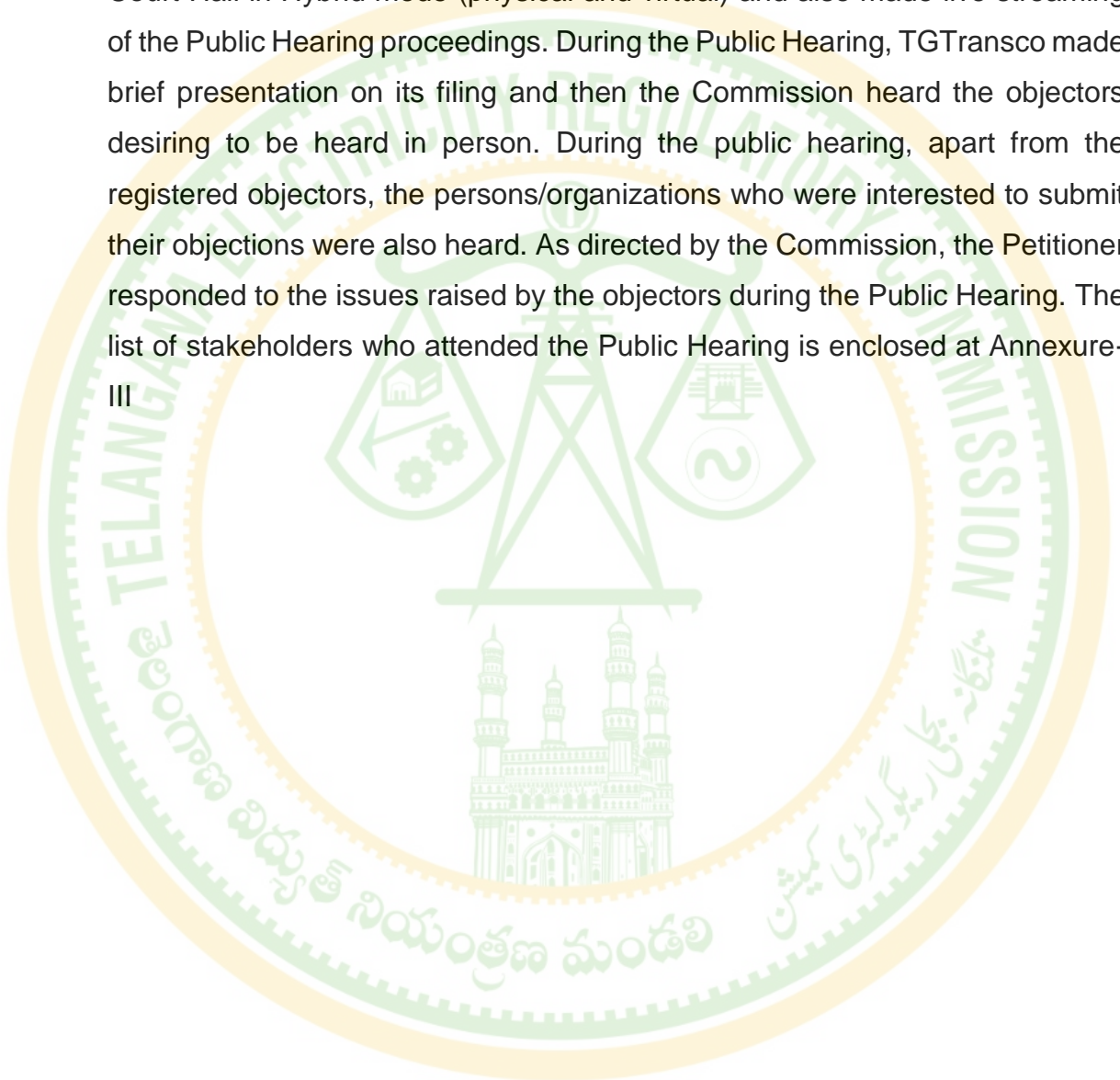
1.19.1 The State Advisory Committee (SAC) meeting was conducted on 05.10.2024 in the Meeting Hall of Commission's Office at 'Vidyut Niyamtran Bhavan', G.T.S.

Colony, Kalyan Nagar, Hyderabad 500 045 to elicit views of members on the filings of the petitioner. The views of the members were duly considered while determining the ARR and Transmission charges for 5<sup>th</sup> control period.

## 1.20 Public Hearing

1.20.1 The Commission has conducted the Public Hearing on 22.10.2024 at TGERC Court Hall in Hybrid mode (physical and virtual) and also made live streaming of the Public Hearing proceedings. During the Public Hearing, TGTransco made brief presentation on its filing and then the Commission heard the objectors desiring to be heard in person. During the public hearing, apart from the registered objectors, the persons/organizations who were interested to submit their objections were also heard. As directed by the Commission, the Petitioner responded to the issues raised by the objectors during the Public Hearing. The list of stakeholders who attended the Public Hearing is enclosed at Annexure-

III



## CHAPTER-2 SUMMARY OF FILINGS

### 2.1 Petitioner's claim

2.1.1 This Applicant filed the petition for determination of ARR and Transmission Tariff for transmission business for 5<sup>th</sup> control period (FY 2024-25 to FY FY2028-29) which includes

- True-up Analysis of Performance for 4<sup>th</sup> control period from FY2019-20 to FY2023-24 as per Regulation No.5 of 2005.
- Aggregate Revenue Requirement (ARR) for Transmission Business from FY2024-25 to FY2028-29 as per Regulation No.2 of 2023.
- Proposal of Transmission Tariff and Charges from FY2024-25 to FY2028-29 as per Regulation No.2 of 2023.

2.1.2 The summary of each of the submissions is detailed below:

### 2.2 True up analysis of performance for 4<sup>th</sup> control period

2.2.1 TGTransco has submitted the following as part of correction filings for FY2019-20 to FY2023-24:

- Statement of variance with the Tariff Order for each item in ARR and reasons for variation.
- Actual ARR for each year computed based on actual investments actual interest and other costs.
- The Surplus/Deficit for each year based on actual revenue for the respective year.

2.2.2 The statement showing the ARR Deviation (Actuals) with respect to Annual Performance Review (APR) for the periods FY2019-20 to FY2022-23 and w.r.t. Tariff Order for FY2023-24 as given in table below:

**Table 2.1: True-up Analysis of Performance for 4<sup>th</sup> control period**

(Rs.in crore)

Particulars	2019-20			2020-21			2021-22		
	APR Order	Actuals	Deviation	APR Order	Actuals	Deviation	APR Order	Actuals	Deviation
Expenditure	1207.30	1641.23	433.93	1726.80	1792.90	66.10	2375.63	2025.76	-349.87
O&M Costs	942.62	942.61	-0.01	865.67	865.67	0.00	1087.87	1061.49	-26.38
O&M Carrying Costs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depreciation	747.00	919.44	172.44	794.60	857.78	63.18	834.93	889.69	54.76
Taxes	63.83	66.77	2.94	66.53	69.45	2.92	74.58	74.58	0.00
Special Appropriation	-546.15	-287.59	258.56	0.00	0.00	0.00	378.25	0.00	-378.25
Expenses Capitalized	109.23	109.23	0.00	111.46	111.46	0.00	126.24	126.24	0.00
O&M Expenses Capitalized	109.23	109.23	0.00	111.46	111.46	0.00	126.24	126.24	0.00
Net Expenditure	1098.07	1532.00	433.93	1615.34	1681.44	66.10	2249.39	1899.52	-349.87



Particulars	2019-20			2020-21			2021-22		
	APR Order	Actuals	Devia- tion	APR Order	Actuals	Devia- tion	APR Order	Actuals	Devia- tion
RoCE	972.94	1017.68	44.74	1009.13	1168.26	159.13	1147.29	1186.51	39.22
<b>Gross ARR</b>	<b>2071.01</b>	<b>2549.68</b>	<b>478.67</b>	<b>2624.47</b>	<b>2849.70</b>	<b>225.23</b>	<b>3396.68</b>	<b>3086.03</b>	<b>-310.65</b>
Non-Tariff Income	514.82	514.82	0.00	444.53	444.53	0.00	338.08	338.08	0.00
Revenue from Tariff	1491.31	1491.31	0.00	2353.88	2353.88	0.00	2897.80	2897.80	0.00
<b>Total Revenue</b>	<b>2006.13</b>	<b>2006.13</b>	<b>0.00</b>	<b>2798.41</b>	<b>2798.41</b>	<b>0.00</b>	<b>3235.88</b>	<b>3235.88</b>	<b>0.00</b>
Surplus/(Deficit)	64.88	543.55	478.67	-173.94	51.29	225.23	160.80	-149.86	-310.66
Disallowed as per APR Orders adjusted	0.00	478.67	478.67	0.00	225.23	225.23	0.00	-310.66	-310.66
<b>Net Deficit/ (Surplus)</b>	<b>64.88</b>	<b>64.88</b>	<b>0.00</b>	<b>-173.94</b>	<b>-173.94</b>	<b>0.00</b>	<b>160.80</b>	<b>160.80</b>	<b>0.00</b>

Particulars	2022-23			2023-24			Total		
	APR Order	Actuals	Devia- tion	Tariff Order	Actuals	Devia- tion	APR/ Tariff Order	Actuals	Devia- tion
Expenditure	2300.84	2528.74	227.90	2696.53	2979.25	282.72	10307.10	10967.88	660.78
O&M Costs	1265.89	1410.15	144.26	1197.51	1481.23	283.72	5359.56	5761.16	401.60
O&M Carrying Costs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depreciation	1034.95	1036.64	1.69	1378.79	1271.98	-106.81	4790.27	4975.54	185.27
Taxes	0.00	81.94	81.94	120.23	226.04	105.81	325.17	518.77	193.60
Special Appropriation	0.00	0.00	0.00	0.00	0.00	0.00	-167.90	-287.59	-119.69
Expenses Capitalized	142.49	142.49	0.00	176.98	149.68	-27.30	666.40	639.10	-27.30
O&M Expenses Capitalized	142.49	142.49	0.00	176.98	149.68	-27.30	666.40	639.10	-27.30
Net Expenditure	2158.35	2386.24	227.89	2519.55	2829.57	310.02	9640.70	10328.78	688.08
RoCE	1225.16	1322.57	97.41	1766.59	1322.61	-443.98	6121.11	6017.62	-103.49
<b>Gross ARR</b>	<b>3383.51</b>	<b>3708.81</b>	<b>325.30</b>	<b>4286.14</b>	<b>4152.18</b>	<b>-133.96</b>	<b>1576.81</b>	<b>16346.40</b>	<b>584.59</b>
Non-Tariff Income	546.77	545.36	-1.41	477.71	374.36	-103.35	2321.91	2217.15	-104.76
Revenue from Tariff	3415.79	3415.79	0.00	3808.43	3833.19	24.76	13967.21	13991.97	24.76
<b>Total Revenue</b>	<b>3962.56</b>	<b>3961.15</b>	<b>-1.41</b>	<b>4286.14</b>	<b>4207.55</b>	<b>-78.59</b>	<b>16289.12</b>	<b>16209.12</b>	<b>-80.00</b>
Surplus/(Deficit)	-579.05	-252.34	326.71	0.00	-55.37	-55.37	-527.31	137.28	664.59
Disallowed as per APR Orders adjusted	0.00	326.72	326.72	0.00	0.00	0.00	0.00	719.96	719.96
<b>Net Deficit/ (Surplus)</b>	<b>-579.05</b>	<b>-579.06</b>	<b>-0.01</b>	<b>0.00</b>	<b>-55.37</b>	<b>-55.37</b>	<b>-527.31</b>	<b>-582.68</b>	<b>-55.37</b>

- The increase in Net O&M expenses from FY2019-20 to FY2023-24 is due to wage revision made w.e.f. 01.04.2022 which was not factored in ARR for 4<sup>th</sup> control period total expenditure is mainly on account of pay revision during FY2022-23 which were not factored in the Tariff filings for 4<sup>th</sup> control period.
- The decrease in Capitalization of O&M expenses during 4<sup>th</sup> control period is due to change in accounting policy in Capitalization of A&G expenses as per IND AS 12, as commented by C&AG during supplementary Audit.
- The actual addition to the fixed assets from FY2019-20 to FY2022-23 as per audited accounts and FY2023-24 (provisional) is Rs.10905.41 crore
- Actual Revenue accrued from transmission charges during 4<sup>th</sup> control period is Rs.13991.97 crore as against Rs.13967.21 crore approved by the Commission. The main reason for increase of revenue is due to increase of revenue from open access customers. Further, there is decrease in other income to the extent of Rs.104.50 crore during 4<sup>th</sup> control period, resulting decrease in total revenue of Rs.80.00 crore.
- Taxes: In APR order dated 07.06.2024 the Commission approved Taxes

on Income as Nil as P&L account of the petitioner for FY2022-23 is zero. TGTransco has paid Income Tax under MAT provision and the same was transferred to MAT Tax Credit Entitlement Account (MAT Asset) and hence it is not appeared in P&L Account. TGTransco has filed a Review Petition on 25.07.2024 to consider Income Tax paid in line with previous APR orders and to adjust the True-up accordingly.

- There is an increase of Rs.584.59 crore in ARR. Petitioner has considered total surplus of Rs.582.68 crore for 4<sup>th</sup> control period and proposes to adjust it as a Special Appropriation towards balance amount of True-up for 4<sup>th</sup> control period.
- There is an increase in capital cost, as there are no borrowings for capex in SLDC except depreciation amount shown as claim towards replacement of fixed assets.
- Increase in revenue from SLDC charges is mainly due to revenue from open access consumers.
- Decrease in other income is mainly on account of decrease in receipts of processing fees and registration fees.

### Technical Performance Analysis

2.2.3 A brief analysis of the key elements of transmission business of the petitioner is as follows:

- a) Loss Reduction: The Licensee has undertaken a number of loss reduction measures such as system improvement, reactive power compensation, etc., the true-up of transmission losses approved vs. actuals is as given below:

**Table 2.2: Transmission losses approved vs. actuals for 4<sup>th</sup> control period**

Transmission Loss (%)	2019-20	2020-21	2021-22	2022-23	2023-24
Approved	2.78	2.71	2.64	2.57	2.50
Actuals	2.65	2.57	2.47	2.52	2.30

- b) Transmission Network Availability: The transmission network availability was maintained at 99.9%, throughout 4<sup>th</sup> control period.

### 2.3 Capital Investment Plan for 5<sup>th</sup> control period

2.3.1 Capital Investments proposed for execution of 400 kV Schemes including evacuation schemes, schemes consisting of 220 kV & 132 kV sub-stations & lines, lift irrigation schemes and renovation & modernization schemes during 5<sup>th</sup> control period as proposed by the petitioner are as follows:

**Table 2.3: Summary of Capital Investment plan claimed for 5<sup>th</sup> control period**

(Rs.in crore)

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1.	Opening Capital Works in Progress	3,979.70	3,432.07	4,308.72	1,885.81	836.19

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
2.	Capital Expenditure during the year	4,301.32	3,872.69	3,488.10	2,123.84	1,374.04
3.	Capitalisation during the year	4,848.95	2,996.04	5,911.01	3,173.46	2,117.22
4.	Closing Capital Works in Progress	3,432.07	4,308.72	1,885.81	836.19	93.02

## 2.4 Multi-Year-Tariff for 5<sup>th</sup> control period

2.4.1 The summary of ARR claimed for the period of FY2024-25 to FY2028-29 is shown below:

**Table 2.4: Summary of Aggregate Revenue Requirement for 5<sup>th</sup> control period**  
(Rs. In crore)

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	Operation & Maintenance Expenses	1,489.89	1,600.09	1,708.95	1,883.60	2,047.74
2	Depreciation	661.73	780.71	916.08	1,054.15	1,110.10
3	Interest and finance charges on loan	971.83	1,109.47	1,244.05	1,388.80	1,518.20
4	Interest on Working Capital	71.50	90.09	99.54	113.69	124.18
5	Return on Equity	822.12	945.29	1,071.56	1,210.77	1,343.74
6	Less:					
6.1	Non-Tariff Income	464.70	515.70	580.46	641.18	651.18
7	Add:					
7.1	Impact of true-up for prior period	582.68	-	-	-	-
<b>8</b>	<b>Aggregate Revenue Requirement</b>	<b>2,969.68</b>	<b>4,009.95</b>	<b>4,459.72</b>	<b>5,009.83</b>	<b>5,492.77</b>

## 2.5 Transmission Losses for 5<sup>th</sup> control period

2.5.1 The Petitioner has submitted the forecast of loss reduction trajectory for 5<sup>th</sup> control period as follows:

**Table 2.5: Transmission losses claimed for 5<sup>th</sup> control period (in %)**

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Transmission Loss Range	2.48 (+/- 0.2)	2.46 (+/- 0.2)	2.44 (+/- 0.2)	2.42 (+/- 0.2)	2.40 (+/- 0.2)

## 2.6 Transmission Availability for 5<sup>th</sup> control period

2.6.1 The Petitioner has projected the transmission system availability for the period from FY2024-25 to FY2028-29 as follows:

**Table 2.6: Transmission System Availability projected for 5<sup>th</sup> control period**  
(in %)

Particulars	2024-25 (Proj)	2025-26 (Proj)	2026-27 (Proj)	2027-28 (Proj)	2028-29 (Proj)
Transmission System Availability	99.9	99.9	99.9	99.9	99.9

## 2.7 Transmission Tariff for 5<sup>th</sup> control period

2.7.1 The Petitioner has proposed the Transmission Tariff for the period FY2024-25 to FY2028-29 as shown below:

**Table 2.7: Transmission Tariff as proposed by petitioner for 5<sup>th</sup> control period**

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
ARR of Transmission Business (Rs.in Cr.)	2,969.68	4,009.95	4,459.72	5,009.83	5,492.77
Transmission Contracted Capacity (MW)	22590.84	22359.01	22276.22	22131.05	21606.63
<b>Transmission tariff for long term and medium-term consumers (Rs/kW/Month)</b>	<b>109.55</b>	<b>149.45</b>	<b>166.83</b>	<b>188.64</b>	<b>211.85</b>

## **CHAPTER-3**

### **ISSUES RAISED BY STAKEHOLDERS, RESPONSES OF APPLICANT AND COMMISSION'S VIEW**

#### **3.1 Objections/Suggestions made on Filings**

3.1.1 Six (6) stakeholders have filed written objections/suggestions on the Petition for MYT for the period from FY2024-25 to FY2028-29. The Petitioner has filed replies on the objections/suggestions received from the stakeholders. For the sake of clarity, the objections/suggestions raised by the stakeholders and responses of the Petitioner have been consolidated and summarized issue-wise. The Commission has considered all the objections/suggestions of the stakeholders made in writing and the responses to them by the Petitioner. The suggestions/comments pertaining to the issues related to ARR and Tariff have been elaborated in this Chapter. However, in case any suggestion is not specifically elaborated, it does not mean that the same has not been considered.

#### **3.2 Delay in filing**

##### ***Stakeholders' Submissions***

3.2.1 The stakeholders have submitted that under MYT Regulation No. 2 of 2023, the petition for 5<sup>th</sup> control period were due by 31.01.2024. The Commission has rejected TGTransco's request for a three-month extension in letter dated 07.02.2024. Despite this, the petitions were submitted on 19.09.2024, resulting in a delay of nearly 7 months and 19 days. The reasons provided by the licensees for this delay are unjustifiable.

##### ***Petitioner's Replies***

No reply was submitted.

##### ***Commission's View***

3.2.2 As per Regulation No. 2 of 2023, compliance with the stipulated deadlines is essential for maintaining regulatory efficiency and accountability. While the Commission had denied the extension request, it is important to reiterate that the responsibility for timely submissions rests with the licensees. The Commission expects all licensees to adhere to regulatory timelines to ensure a smooth and effective operational environment.

### **3.3 Extension of time for submission of objections/suggestions**

#### ***Stakeholders' Submissions***

3.3.1 The stakeholder has stated that the time given for filing submissions on the petitions is up to 11.10.2024, i.e., three weeks. The time given is not sufficient to study all the petitions, prepare meaningful and purposeful submissions and submit the same to the Commission. In response, the Commission stated in its reply on 27.09.2024, that it will not extend the deadline for submitting objections/comments on the Licensees' filings. The Commission mentioned that stakeholders can voice their objections during scheduled public hearings and acknowledged the value of submissions from knowledgeable stakeholders. However, since the Commission did not address our reasons for requesting an extension, we conclude that it aims to complete the regulatory process for all eight petitions within an unreasonably short timeframe and has effectively condoned the delay in filing. Consequently, we are submitting our comments on the petitions as time permits.

3.3.2 Few other stakeholders have requested for extension of time for submission of objections/suggestions in view of enormity of data to be analyzed, huge amount of work involved and number of working days are few in view of festival holidays.

#### ***Petitioner's Replies***

3.3.3 No reply was submitted.

#### ***Commission's View***

3.3.4 The Commission taking into account the contribution of the submissions of knowledgeable and interested stakeholders has communicated to the stakeholders that they can submit their objections/comments in the scheduled public hearings and the same are considered while determining the ARR and Transmission Charges.

### **3.4 APR for FY2023-24 and True up for 4<sup>th</sup> control period**

#### ***Stakeholders' Submissions***

3.4.1 The stakeholder has stated that taxes for FY2023-24 may be allowed as per the Income Tax Return under Section 115JB of Income Tax Act 1961 under Minimum Alternative Tax (MAT) provisions and as per actuals.

- 3.4.2 There is a huge deviation in RoCE amount from the approved values in MYT to an extent of Rs. (-)443.98 crore on the one hand. On the other hand, it was observed that the decrease in the depreciation amount claimed is not comparable as such and the taxes claimed are on the higher side. Hence, it is prayed to allow the depreciation a tax claimed after prudent check.
- 3.4.3 TGTransco has claimed a decrease in non-tariff income. Clarification for such a steep decrease is not provided in the filings. The Hon'ble Commission may allow the NTI after prudent check.
- 3.4.4 TGTransco has claimed Rs.144.26 crore against O&M expenses for the FY2022-23 stating the PRC-2022 as justification in Table a ARR deviation in the filings. In this regard it is to submit that Hon'ble commission has factored in the impact of PRC 2022 while issuing the order dated 07.06.2024 in O.P.No.2 of 2024 for APR 2022-23. TGTransco is again claiming Rs.144.26 crore over and above the amount approved in the APR-2022-23 order stating the same reason. Hence, it is prayed to disallow the said amount.
- 3.4.5 The Commission has already finalized depreciation and RoCE for control period 2019-24 (except for FY2023-24) vide year wise APR orders. TGTransco is now again claiming as per actuals (over the above amount already approved in year wise APRs) under True-up of control period 2019-24. Hence, it is prayed to disallow the said amount.
- 3.4.6 It is observed that the works proposed to be taken up by TGTransco in the filing of MYT of 4th control period year wise are not executed as per the schedule, as such the interest during construction (IDC) will be increased. TGTransco may be directed to provide justification for delay in execution of works. The Hon'ble commission is prayed to allow the IDC as per the justification provided by TGTransco for delay and after prudent check.

#### ***Petitioner's Replies***

- 3.4.7 As per regulation 5 of 2005 True-up is factored for all the years, the Hon'ble TGERC has already issued APR Orders for FY2022-23 on 07/06/2024, with duly allowing for an amount of Rs.144.26 crore under O&M Expenses of TGTransco for FY2022-23 towards PRC-2022.

- 3.4.8 Further, Table–VI “ARR Deviation” for 4<sup>th</sup> MYT control period is prepared only for the purpose of comparison/reconciliation and to arrive at the surplus/deficit for the entire 4<sup>th</sup> control period. Therefore, there is no duplicity or dual-claiming of O&M expenses by the company as observed by TGDISCOMs.
- 3.4.9 The company has prepared “Table II-Variance in Depreciation” and Table IV- “Variance in RoCE” only for the purpose of comparison/reconciliation and to arrive at the surplus/deficit for the entire 4<sup>th</sup> control period.
- 3.4.10 Therefore, the company is not claiming the Depreciation and RoCE over and above amount already approved in year wise APRs as observed by TGDISCOMs.

#### **Commission’s View**

- 3.4.11 As per clause 10.7 of Regulation 5 of 2005, for sharing gains/losses with users, only aggregate gains/losses for the control period as a whole will be considered. The Commission in the MYT order for 4<sup>th</sup> control period dated 20.03.2020 has directed the Petitioner to file the Performance Review (true-up) for each year of 4<sup>th</sup> control period before 31<sup>st</sup> December of the following year. Hence the Commission has not taken up the Annual Performance Review of FY2023-24.

### **3.5 Adjustment of transmission charges in ARR of TGTransco for interstate lines as approved by CERC**

#### **Stakeholders’ Submissions**

- 3.5.1 The stakeholder has stated that CERC vide below tabulated orders have determined the tariff of certain lines pertaining to TGTransco considering them as interstate transmission line for the control period 2014-2019 and the same are to be included in PoC charges. The copy of the orders issued by the CERC are enclosed for reference. CERC has directed to adjust the transmission charges allowed in the said orders against the ARR approved by the state commission. Clarification may be provided by TGTransco whether the amount towards the transmission charges for the interstate lines is factored in while arriving the transmission charges for 5<sup>th</sup> control period. Also, TGTransco may be directed to provide the status on inclusion of said charges of interstate line in the PoC Charges.



<b>Petition No.</b>	<b>Order Dated</b>
2/TT/2019	13.01.2020
325/TT/2022	01.01.2024
330/TT/2022	01.08.2024
125/TT/2022	02.08.2024

### ***Petitioner's Replies***

- 3.5.2 The stakeholder has stated that the company has already accounted Rs.53.44 crore towards inter-state transmission tariff pertaining to FY2016-17 in FY2019-20 as approved by CERC vide petition no. 2/TT/2019 dated 13.01.2020. Therefore, the revenue to this extent has been true-down in the proposed tariff for 5th control period.
- 3.5.3 Further, Inter-state transmission tariff pertaining to FY2014-15 to 2018-19 (including FY2016-17 above for Rs.53.44 crore) for Rs.319.02 crore approved by CERC vide petition No.325/TT/2022 dated 01.01.2024. The net POC charges as per the above order for Rs.265.58 crore (Rs.319.02 crore Less Rs.53.44 crore) has already been accounted in FY2023-24.
- 3.5.4 The company has not accounted the inter-state transmission tariff of Rs.12.30 crore certified by the SRPC as non-ISTS lines carrying more than 50% inter-State power from FY2016-17 to FY2020-21 as approved by the CERC vide petition no. 330/TT/2022 dated, 01.08.2024. The same has been proposed for adjustment in FY2024-25 due to closure of Financial Statements for FY2023-24.
- 3.5.5 The company has not accounted the inter-state transmission tariff of Rs.416.07 crore (after effecting revised tariff from FY2014-15 to FY2018-19 against petition no. 325/TT/2022) as approved by the CERC vide petition no. 127/TT/2022 dated, 02.08.2024 for inter-state transmission lines from FY201920 to FY2023-24. The same has been proposed for adjustment in FY2024-25 due to closure of Financial Statements of FY2023-24.

### ***Commission's View***

- 3.5.6 The submissions of stakeholder and replies of the petitioners are taken note of.

### **3.6 Adoption of CERC methodology for projection of O&M expenses and IoWC** **Stakeholders' Submissions**

- 3.6.1 Hon'ble CERC have considered only O&M expenses and Interest on working capital to arrive at the transmission charges for the line whose life is more than 25 years considering the useful life of transmission lines as 25 years.
- 3.6.2 In view of the above TGERC is requested to adopt the same methodology for the intra-state lines for which the life is more than 25 years and for the length of the line which is to be considered as intra-state partially and partially inter-state (for which CERC has already adopted the said methodology) for which the life is more than 25 years.

#### ***Petitioner's Replies***

- 3.6.3 As per tariff regulation 2 of 2023 of TGERC, the useful life of transmission lines is 35 years and depreciation shall be charged accordingly. Further, it is to be noted that, the CERC tariff regulation is not applicable for intra-state transmission lines.
- 3.6.4 Therefore, adoption of CERC methodology for intra-state transmission line (i.e. useful life of more than 25 years) as emphasized by TGDISCOMs is not in line with TGERC tariff regulation 2 of 2023.

#### ***Commission's View***

- 3.6.5 The O&M expenses and IoWC are determined in accordance with Regulation 2 of 2023.

### **3.7 True-up and carrying cost**

#### ***Stakeholders' Submissions***

- 3.7.1 Transco reported an actual ARR of Rs.16,346.10 crore for 4<sup>th</sup> control period, an increase of Rs.584.59 crore from the approved Rs.15,761.81 crore. It proposed a special appropriation of Rs.582.68 crore for the true-up of 5<sup>th</sup> control period, adjusting this amount from the proposed ARR for 2024-25. Net O&M expenses for 4<sup>th</sup> control period increased by Rs.428.90 crore, from Rs.4,693.16 crore to Rs.5,122.06 crore. The variations are attributed to wage revisions effective 1<sup>st</sup> April 2022, which were not included in the ARR, and adjustments related to employee benefits and pension provisions resulting from a Supreme Court order on employee allocation during bifurcation.

3.7.2 Transco's proposal for a true-down of Rs.582.68 crore for 4<sup>th</sup> control period indicates that the impact of employee pay and allowance revisions, although not included in its ARR proposals, was reflected in the inflated ARR it claimed and the Commission approved. Similar inflated claims were made in previous control periods. Additionally, non-tariff income decreased by Rs.104.76 crore, from Rs.2,321.91 crore approved to Rs.2,217.15 crore actual, while provisions for income tax increased by Rs.193.60 crore compared to the Rs.325.17 crore approved. This substantial true-up amount further demonstrates the unrealistic and inflated projections for 4<sup>th</sup> control period. We reiterate the necessity for realistic projections and accurate determination of ARR and transmission charges by both the licensee and the Commission to prevent consumers from bearing excess transmission costs and to appropriately adjust true-down amounts in the subsequent control period's ARR claims.

3.7.3 For 4<sup>th</sup> control period, Transco has shown deficits for two years - Rs.64.88 crore for 2019-20 and Rs.160.80 crore for FY2021-22 - and surplus for three years Rs.173.94 crore for 2020-21, Rs.579.05 crore for FY2022-23 and Rs.55.37 crore for GY 2023-24 (provisional) as per the Annual Performance Review orders of the Commission, that, too, after the Commission disallowing a hefty sum of Rs.719.96 crore from the claims of the licensee. There were substantial deviations in net expenditure, with no deviations in non-tariff income and revenue from tariff for the first three years of 4<sup>th</sup> control period. However, for the last three years, there were substantial deviations in net expenditure, with only marginal deviations in non-tariff income and revenue from tariff for the last year only. Increase in revenue accrued from transmission charges to the tune of Rs.24.76 crore during 2023-24 is mainly due to increase of revenue from open access customers, Transco has pointed out. Transco has filed a review petition with the Commission to consider income tax of Rs.41.12 crore paid by it for FY2022-23 under MAT provisions. These trends, among others, during 4<sup>th</sup> control period – disallowing a hefty sum of Rs.719.96, adjustment of impact of wage revision, impact on account of the orders of the Supreme Court, without any true-up, on the one hand, and claim for true- down of Rs.582.68 crore, on the other confirm how unrealistic and exorbitantly inflated

the projections and determination of ARR and transmission charges have been for 4<sup>th</sup> control period. The way projections of ARR and transmission tariff proposed by TGTransco are made for 5<sup>th</sup> control period also indicates similar questionable trends inherently embedded in them and may lead to similar consequences that have arisen during 4<sup>th</sup> control period.

3.7.4 The Commission in APR orders has permitted the Licensees to adjust the true-down amounts claimed for the FY concerned in the next control period, instead of adjusting that amount in the ARR filing for the next FY. However, for the period delayed in truing down the determined amounts, the Commission has not been directing TGTransco to pay carrying costs to the DISCOMs, though the stakeholder has requested repeatedly. Adjusting true-down claims in the ARR for next financial year also ensures undue benefit to the licensees, as, such an adjustment over a period of twelve months in the form of transmission charges, etc., without carrying cost, would result in payment in advance. In other words, the licensees are getting undue benefit at the cost of consumers. Obviously, a considerable part of its requirement for working capital has been met from the true-down amounts during 4<sup>th</sup> control period, without interest thereon. For true-up claims, the Commission has been approving carrying costs for the period of delay as in the case of the DISCOMs. The stakeholder has requested the Commission to direct TGTransco to pay carrying costs to the DISCOMs for the period of delay in adjusting true-down claims or repay the amount to the DISCOMs immediately after orders on annual performance review of Transco are issued.

***Petitioner's Replies***

3.7.5 Reference is made to page 55 and Clause 4.14.8 of 4<sup>th</sup> control period (FY 2019-20 to FY2023-24) Transmission Tariff Order, wherein, the Commission has charged carrying cost on the surplus approved for 3<sup>rd</sup> control period and adjusted in ARR for FY2019-20 of 4<sup>th</sup> MYT Order.

3.7.6 It is to submit that, the Hon'ble TGERC has disallowed the True-up claims of transmission charges for 4<sup>th</sup> control period (excl. FY2023-24) as per APR orders are as detailed below:

(Rs. in crore)

Financial Year	Approved (Surplus)/Deficit (Rs. In Crs)	Disallowed/ (Withheld) Claim (Rs.in Crs)
2019-20	64.88	478.67
2020-21	(173.94)	225.23
2021-22	160.80	(310.66)
2022-23	(579.05)	326.72
2023-24 (Provisional)	(55.37)	-
<b>Total</b>	<b>(582.68)</b>	<b>719.96</b>

3.7.7 It can be understood from the above that, during 4th control period, the Commission has approved surplus/true down of Rs.582.68 crore as against claim made by the company for Rs.719.96 crore (excl. FY2023-24) as per audited annual accounts. If the claims as per actual audited annual accounts were to be considered/admitted by the Commission, there would be a net true-up of Rs.137.28 crore (excl. FY2023-24) for 4th control period.

3.7.8 Further, it is to submit that, the ARR for 4th control period has been arrived based on projections as per tariff regulation 5 of 2005. Based on the actuals, it could be seen from the above that, there is a net true-up of Rs.137.28 crore. Hence, it is to state that, company has made a rational and realistic projections for 4th control period.

#### **Commission's View**

3.7.9 The Commission has taken note of the submissions of the stakeholders and the Petitioner.

### **3.8 Impact of final SC order on bifurcation of employees**

#### **Stakeholders' Submissions**

3.8.1 As a result of the order of the Supreme Court, finding fault with the decision of the managements of the power utilities of GoTG in not taking a number of employees into service, may be, at the behest of the then government, how much amount was paid by Transco to such employees for the period they were not taken into service and how that amount was adjusted and how it was approved by the Hon'ble Commission? For the failures of commission and omission of TGTransco and other power utilities of GoTG in this manner, the avoidable additional burdens should not be allowed to be imposed on the consumers by factoring them in the O&M expenses. How many engineers and

staff were promoted and later demoted as a result of such a questionable action of the management and in view of the order of the Supreme Court? What has been the financial impact on account of such actions which remind one of the historical facts of shifting the capital from Delhi to Daulatabad and back to Delhi? Instead of demoting the engineers and staff promoted in this manner, have Transco and other power utilities of GoTG thought of creating supernumerary posts to ensure continuance of such engineers and staff with the ranks of promotions to avoid humiliation of demotion?

***Petitioner's Replies***

3.8.2 It is to inform that as per the Judgment of the Hon'ble Supreme Court of India to absorb the employees in TG Transco as per the list approved by the Hon'ble Justice Dharmadhikari, One Man Committee reports and to extend all service benefits, certain employees were allocated to TG Transco from AP Transco as per which seniority of the employees has undergone significant change due to inclusion of employees allotted from AP Transco. Hence, all the temporary promotions ordered after 02.06.2014 were cancelled and all the drawn Panels were reviewed and promotions were issued during November, 2022 and August, 2024 to the eligible and qualified candidates at their due turn as per the revised seniority list drawn as on 02.06.2014.

3.8.3 Consequently, 105 employees of various cadres had to be reverted to lower cadre posts due to non-availability of sanctioned posts and as most of the employees allotted from APTransco are seniors to them and as promotions were limited to the existing cadre strength only. However, 47 Nos. candidates were promoted in the recent promotions.

***Commission's View***

3.8.4 The Commission has taken note of the submissions of the stakeholders and the Petitioner.

**3.9 Divergence between the projections made for 5<sup>th</sup> control period earlier in resource plan**

***Stakeholders' Submissions***

3.9.1 Originally, TGTransco submitted the following projections, based on projections of the DISCOMS, for its resource plan for 5<sup>th</sup> control period:

<b>Particulars</b>	<b>2024-25</b>	<b>2025-26</b>	<b>2026-27</b>	<b>2027-28</b>	<b>2028-29</b>
Energy availability	120222.65	126791.41	126440.73	126018.08	121516.01
Energy requirement	84996.88	89766.97	94773.75	100285.88	105956.88
Surplus/deficit (MU)	35225.77	37024.22	31666.98	25732.20	15559.03

3.9.2 Based on additional information submitted by the TGDISCOMs, TGTransco revised its projections for its resource plan for 5<sup>th</sup> control period, drastically reducing the abnormal projections shown earlier as hereunder:

<b>Particulars</b>	<b>2024-25</b>	<b>2025-26</b>	<b>2026-27</b>	<b>2027-28</b>	<b>2028-29</b>
Energy availability	93191	100071	99840	00136	96449
Energy requirement	90587	94885	00371	104310	109354
Surplus/deficit (MU)	2604	5186	409	-5174	-12905

3.9.3 In view of vast divergence between the projections made for 5<sup>th</sup> control period earlier in resource plan and now in the subject petitions, actual availability, actual requirement and actual surplus/deficit during 4<sup>th</sup> control period need to be submitted by the licensees and examined by the Commission for making realistic projections for 5<sup>th</sup> control period and the same be provided to us to make further submissions during the scheduled public hearings. Similarly, to what extent TGTransco added transmission capacity vis a vis the capacity additions approved by the Commission in the form of related transmission works and capital expenditure for the same, and to what extent such a capacity has been utilized or lying idle during 4<sup>th</sup> control period need to be explained by Transco and examined by the Commission. In the first year of 5<sup>th</sup> control period itself, substantial variance is shown between the earlier and present projections, indicating how projections are being made hastily and changed in an unrealistic manner. These unrealistic projections for 5<sup>th</sup> control period may lead to overestimation of ARR and transmission tariffs. Just as excess generation capacities and high-cost power contracted under PPAs by the DISCOMS lead to stranding of generation capacities, backing down surplus power and payment of fixed charges for the same, creation of unwarranted transmission and distribution network capacities would lead to stranding of such capacities and imposition of avoidable financial burdens on the Discoms and their consumers.

3.9.4 A substantial downward trend in capital expenditure on annual basis during 5<sup>th</sup> control period is projected in the subject petitions. There is a wide fluctuation in capitalization on annual basis. The projected transmission contracted capacity is almost stagnant on annual basis during 5<sup>th</sup> control period. However, there is consistent and substantial increase in ARR and, as a result of it, in transmission tariff proposed by Transco on annual basis. Transco has not explained the reasons for such a divergence in its projections between expenditure and ARR and between contracted capacity and higher tariffs projected.

3.9.5 Going by the peak grid demand recorded for 2023-24 of 15623 MW during the summer season and projection of annual transmission contracted capacity for 5<sup>th</sup> control period, and availability of substantial surplus power likely to be backed down, a thorough prudence check of the capital investment proposed by Transco and its pruning to realistic levels is imperative on the part of the Commission.

***Petitioner's Replies***

3.9.6 The difference that is there as pointed out was due to the changes in the projections submitted by the DISCOMs from time to time. The figures at the end of each FY will be reviewed and submitted in the true up/claims. The transmission capacity that has been added during 4<sup>th</sup> control period is being utilized for optimum results and no part or full transmission elements that were completed and commissioned is lying idle. The variation, if any, are due to changes proposed by DISCOMs and TGTransco is all the time trying to meet the requirements of all the stake holders in an efficient and effective way.

3.9.7 TGTransco has filed the ARR projections as per the new tariff regulation no. 2 of 2023.

***Commission's View***

3.9.8 The Commission expects the Licensees to remain committed to improving projections and responsiveness to the requirements of the stakeholders.



### **3.10 Utilisation of the Transmission capacity**

#### ***Stakeholders' Submissions***

3.10.1 Transco has not explained to what extent the contracted capacity was utilized during 4<sup>th</sup> control period, in light of maintaining system availability of 99.98% or to what extent such capacity remained underutilized. Under-utilization of transmission capacity, or over-creation of transmission capacity, is a serious issue taken note of by the Forum of Regulators. By the way controversies have been going on implementation of lift irrigation projects and scope for their utilization, the transmission network being set up by Transco to meet requirements of those projects and schemes falls in the realm of uncertainty. As such, whether the capitalization of works of transmission network intended for such projects and schemes deserves to be taken into account for determining ARR and transmission tariffs for 4<sup>th</sup> control period, especially for the FY2024-25, is a big question mark.

#### ***Petitioner's Replies***

3.10.2 The Generation Contracted Capacity in MW (Actuals) are filed every year in the ARR.

#### ***Commission's View***

3.10.3 The submissions of the stakeholder are taken note of.

### **3.11 General**

#### ***Stakeholders' Submissions***

3.11.1 The way in which the Commission is proceeding with its regulatory process on eight petitions, including the subject petitions, simultaneously and within an unreasonably shorter period cast doubts about its effectiveness to avoid scope for repetition of the kind of questionable trends that have taken place, as explained above, during 4<sup>th</sup> control period in the orders to be issued for 5<sup>th</sup> control period. Unlike in the case of petitions of the TGDISCOMS for 5<sup>th</sup> control period, there is no indication, going by what is posted in the web site of the Commission, that it has sought clarifications from TGTransco and that the latter has submitted required additional information. The Commission may seek and get required clarifications and additional information from Transco relating to the subject petitions in order to make a realistic determination of ARR and transmission tariffs for 5<sup>th</sup> control period.

### **Petitioner's Replies**

3.11.2 No reply was submitted.

### **Commission's View**

3.11.3 The Commission has followed due regulatory process for carrying out the analysis of the 8 Petitions. The Commission is geared up to handle all the 8 Petitions with adequately trained and knowledgeable manpower. Further, the Commission obtained required additional information from the Licensee and updated the same on the website.



## CHAPTER-4 ANALYSIS AND CONCLUSIONS ON MYT ARR FOR 5<sup>th</sup> CONTROL PERIOD

### 4.1 Components of Annual Transmission Charges

4.1.1 In accordance clause 69.1 of Regulation No.2 of 2023 the Annual Transmission Charges for each year of 5<sup>th</sup> control period shall provide for the recovery of the Aggregate Revenue Requirement (ARR) of the Transmission Business of the Licensee for the respective year of 5<sup>th</sup> control period, as approved by the Commission and comprising the following components:

- (a) Operation and Maintenance expenses;
  - (b) Depreciation;
  - (c) Interest and finance charges on Loan;
  - (d) Interest on working capital;
  - (e) Return on Equity;
  - minus:
  - (f) Income from Open Access charges;
  - (g) Non-Tariff income;
  - (h) Income from Other Business, to the extent specified in this Regulation;
  - Add:
  - (i) Impact of true-up for prior period as approved by the Commission.
- The component-wise description of petitioner's claim and the Commission's analysis thereof is provided hereunder:

### 4.2 Capital Investment Plan for 5<sup>th</sup> control period

#### **Petitioner's claim**

4.2.1 The petitioner has claimed the capital investment plant for 5<sup>th</sup> control period as given in table below:

**Table 4.1: Capital Investment Plan claimed for 5<sup>th</sup> control period**

Particular	(Rs.in crore)				
	2024-25	2025-26	2026-27	2027-28	2028-29
Opening Capital Works in Progress	3,979.70	3,432.07	4,308.72	1,885.81	836.19
Capital Expenditure during the year	4,301.32	3,872.69	3,488.10	2,123.84	1,374.04
Capitalisation during the year	4,848.95	2,996.04	5,911.01	3,173.46	2,117.22
Closing Capital Works in Progress	3,432.07	4,308.72	1,885.81	836.19	93.02

#### **Commission's View**

4.2.2 Clause 7.1 of Regulation No.2 of 2023 details the general provisions related to Capital Investment Plan. The relevant para of clause 7.1 is stipulated below:

"7. Capital Investment Plan

7.1 *The generating entity, transmission licensee, distribution licensee and SLDC shall file for approval of the Commission a Capital Investment Plan along with its Multi Year Tariff Petition, covering the entire control period with separate details for each year of the control period.*

*Provided that the capital investment plan filed by the generating entity/transmission licensee/distribution licensee for the control period commencing from 01.04.2024, as on date of notification of this Regulations, shall be deemed to have been filed under this Regulation.*

... ..

*For each capital investment scheme, the licensee shall submit the following details:*

- *Brief outline of the different components that constitute it and the salient features of the scheme;*
- *The objectives of the scheme and justification for taking it up along with quantification of the objectives;*
- *A comprehensive sketch / single line diagrams of the proposed work, grid maps of relevant areas where the scheme is proposed to be executed;*
- *Detailed cost estimates for each item of work covered by the scheme;*
- *The scheme shall be supported by the results of the load flow study, or any other appropriate tools/techniques employed by the Licensee to simulate the impact of the scheme on network performance. The results of the load flow shall be provided for each year up to a period of five years from the date of commissioning of the scheme;*
- *Financing plan supported by documents related to administrative approval, financial tie-up etc;*
- *Phasing of expenditure quarter wise for each work/module, supported with details of corresponding sources of funding;*
- *PERT/CPM chart detailing the activities involved in project execution highlighting the anticipated constraints, if any;*
- *Methodology of evaluation and measurement of the benefits accruing out of the investment; Cost benefit analysis;*
- *Physical benefits of the scheme;*
- *Financial benefits of the scheme supported by detailed calculations to demonstrate the payback period of the investment;”*

4.2.3 The Commission vide its Order dated 29.12.2023, approved TGTransco Resource Plan for transmission business of 5<sup>th</sup> control period i.e., from FY2024-25 to FY2028-29 and 6<sup>th</sup> control period i.e., from FY2029-30 to FY2033-34 after carrying out detailed analysis of the Capital Expenditure schemes submitted by TGTransco.

4.2.4 Further, clause 70 of Regulation No.2 of 2023 details the provisions specifically related to transmission Capital Investment Plan, requirements and necessary

documents to be submitted before the Commission for approval of Capital Investment Plan. The relevant para of clause 70 is extracted below:

“70.1 The transmission licensee shall submit a detailed capital investment plan, financing plan and physical targets for each year of the control period for strengthening and augmentation of the intra-State transmission system of the Transmission Licensee, meeting the requirement of load growth, improvement in quality of supply, reliability, metering, reduction in congestion, etc., to the Commission for approval, as a part of the Multiyear Aggregate Revenue Requirement for the entire control period.

70.2 The Capital Investment Plan shall be a least cost plan for undertaking investments and shall cover all capital expenditure projects of a value exceeding Rupees ten crore or such other amount as may be stipulated from time to time, and shall be in such form as may be stipulated.

70.3 The Capital Investment Plan shall be accompanied by such information, particulars and documents as may be required including but not limited to the information such as number of bays, name, configuration and location of grid substations, substation capacity (MVA), transmission line length (circuit kilometres) showing the need for the proposed investments, alternatives considered, cost-benefit analysis and other aspects that may have a bearing on the transmission charges.”

4.2.5 The Commission observed that TGTransco in its MYT Petition has deviated from the Capital Investment Plan approved in the Resource Plan Order dated 29.12.2023. The Commission as part of additional information asked the petitioner to submit the reasons for the same. The petitioner in its reply submitted that variance from approved capital investment plan in Resource Plan Order dated 29.12.2023 is mainly due to anticipated increase in high demand in FY2024-25, after analysis the current status of line loadings, PTR loadings and voltage pattern submitted by TGSLDC.

4.2.6 The Commission finds that the petitioner has not complied with Clause 70.3 of Regulation No.2 of 2023 and has not submitted the complete details of the schemes proposed as part of Capital Investment Plan in the MYT petition. Further, the reasons submitted by petitioner is not found to be maintainable, as the same is not accompanied by information and documents as may be required including but not limited to the information such as number of bays, name, configuration and location of grid substations, substation capacity (MVA), transmission line length (circuit kilo meters) showing the need for the proposed investments, alternatives considered, cost-benefit analysis and other aspects that may have a bearing on the transmission charges. Also, the

petitioner has failed to provide the appropriate justification for variance from Resource Plan Order dated 29.12.2023. Therefore, the Commission has considered the Capital Investment Plan as approved in Resource Plan Order dated 29.12.2023 for FY2024-25 to FY2028-29. The paragraph of the Order is shown below: -

“5.1.1 The capital investment plan approved for 5<sup>th</sup> control period and 6<sup>th</sup> control period is shown in the table below:

**Table 4.2: Capital Investment Plan approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29	Total
400 kV Schemes	0.00	114.99	0.00	0.00	0.00	114.99
220 kV Schemes	700.99	333.33	173.33	165.54	80.00	1,453.19
132 kV Schemes	585.98	581.41	348.56	507.98	189.54	2,213.47
Lift Irrigation Schemes	1,577.19	0.00	205.38	0.00	0.00	1,782.57
<b>Total</b>	<b>2864.16</b>	<b>1,029.73</b>	<b>727.27</b>	<b>673.52</b>	<b>269.54</b>	<b>5,564.22</b>

#### 4.3 ADDITIONAL CAPITALISATION

##### **Petitioner's claim**

4.3.1 The petitioner has proposed the additional capitalization for each year of 5<sup>th</sup> control period is as follows:

**Table 4.3: Additional Capitalisation claimed for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Capitalisation during the year	4,848.95	2,996.04	5,911.01	3,173.46	2,117.22

##### **Commission's View**

4.3.2 For determination of capitalization for each year of 5<sup>th</sup> control period, the Commission has considered the same percentage of opening CWIP and capital expenditure as approved in the Resource Plan Order dated 29.12.2023. The relevant extract from the Order is stipulated below:

“5.3.5 The capitalization approved for 5<sup>th</sup> control period and 6<sup>th</sup> control period is shown in the table below:

**Table 4.4: Capitalisation approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Capitalization during the year	2,347.46	1,769.60	1,312.51	1,032.29	697.81

4.3.3 Accordingly, the Commission approved the capitalization for FY2024-25 to FY2028-29 as follows:

**Table 4.5: Additional Capitalisation approved for 5<sup>th</sup> control period***(Rs.in crore)*

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Capitalization during the year	2,347.46	1,769.60	1,312.51	1,032.29	697.81

4.3.4 The Commission has considered the closing CWIP of Rs 2488.89 crore for FY 2023-24 as approved in the Resource Plan Order. In order to arrive at the opening CWIP for FY 2024-25, the Commission has deducted the opening CWIP of Rs 13.86 crore pertaining to SLDC business. The opening CWIP for FY 2024-25 works out to Rs 2475.03 crore. The summary of opening CWIP, capital expenditure, capitalisation and closing CWIP is given in following Table.

4.3.5 The CWIP and Capitalization approved for 5<sup>th</sup> control period is as follows:

**Table 4.6: CWIP & Capitalisation approved for 5<sup>th</sup> control period***(Rs.in crore)*

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Opening CWIP	2,475.03	2,991.73	2,251.86	1,666.62	1,307.85
Capital Expenditure during the year	2,864.16	1,029.73	727.27	673.52	269.54
Capitalisation during the year	2,347.46	1,769.60	1,312.51	1,032.29	697.81
Closing CWIP	2,991.73	2,251.86	1,666.62	1,307.85	879.58

#### 4.4 Regulatory Provisions for O&M Expenses

4.4.1 The relevant clause of Regulation No.2 of 2023 is reproduced below:

4.4.2 71.1 The O&M expenses for transmission licensee shall comprise of:

- i) Employee cost including unfunded past liabilities of pension and gratuity;
- ii) Repairs and Maintenance (R&M) expenses; and
- iii) Administrative and Generation (A&G) expenses.

71.2 The O&M expenses for transmission licensee for each year of the Control Period shall be approved based on the formula shown below:

$$O\&M_n = EMP_n + R\&M_n + A\&G_n$$

Where,

- i.  $O\&M_n$  – Operation and Maintenance expense for the  $n^{th}$  year;
- ii.  $EMP_n$  – Employee Costs for the  $n^{th}$  year;
- iii.  $R\&M_n$  – Repair and Maintenance Costs for the  $n^{th}$  year;
- iv.  $A\&G_n$  – Administrative and General Costs for the  $n^{th}$  year;

98.3 The above components shall be computed in the manner specified below:

$$EMP_n = (EMP_{n-1}) \times (CPI \text{ Inflation});$$

$$R\&M_n = K \times (GFA_n) \times (WPI \text{ Inflation}) \text{ and}$$

$$A\&G_n = (A\&G_{n-1}) \times (WPI \text{ Inflation})$$

Where,

- $EMP_{n-1}$  – Employee Costs for the  $(n-1)^{th}$  year;
- “K” is a constant specified by the Commission in %. Value of K for

each year of the control period shall be determined by the Commission in the MYT order based on transmission licensee's filing, benchmarking of repair and maintenance expenses, approved repair and maintenance expenses vis-à-vis GFA approved by the Commission in past and any other factor considered appropriate by the Commission;

- $GFA_n$  - Opening Gross Fixed Asset for the  $n^{th}$  year;
- $A\&G_{n-1}$  – Administrative and General Costs for the  $(n-1)^{th}$  year;
- CPI Inflation – is the point-to-point change in the Consumer Price Index (CPI) for Industrial Workers (all India) as per Labour Bureau, Government of India; in case CPI Inflation is negative, the escalation/change shall be 0%;
- WPI Inflation – is the point-to-point change in the Wholesale Price Index (WPI) as per the Office of Economic Advisor of Government of India:

Provided that the employee cost and A&G expenses **for the first year of the Control Period** shall be worked out considering the average of the trued-up expenses after adding/deducting the share of efficiency gains/losses, for the immediately preceding Control Period, excluding abnormal expenses, if any, subject to prudence check by the Commission and, duly escalating the same for 3 years with CPI Inflation for employee costs and WPI Inflation for A&G expenses.

98.4 Provisioning of expenses shall not be considered as actual expenses at the time of true-up, and only expenses as actually incurred shall be considered.”

4.4.3 The O&M Expenses claimed by the petitioner for 5<sup>th</sup> control period are as follows:

**Table 4.7: O&M Expenses claimed for 5<sup>th</sup> control period**

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Employee Expenses	1,293.66	1,372.06	1,455.20	1,590.38	1,724.34
A&G Expenses	90.10	101.90	115.25	130.35	147.43
R&M Expenses	106.13	126.13	138.49	162.87	175.97
<b>O&amp;M Expenses</b>	<b>1,489.89</b>	<b>1,600.09</b>	<b>1,708.95</b>	<b>1,883.60</b>	<b>2,047.74</b>

(Rs.in crore)

- Employee cost: It includes unfunded past liabilities of pension and gratuity and is computed by considering FY2022-23 as base year and duly escalating @ 6.06% (CPI inflation for FY2022-23) for FY2023-24 and for the subsequent financial years of 5<sup>th</sup> control period. Further, impact of wage revision to the employees due w.e.f. 01.04.2026 is not factored into and same shall be claimed separately based on actuals.
- Administrative and General (A&G) Expenses: A&G expenses computed by considering FY2022-23 as base year and duly escalating @ 13.10% (point to point change for FY2021-22 and FY2022-23) for FY2023-24 and for the subsequent years of 5<sup>th</sup> control period.
- Repairs & Maintenance (R&M) expenses: R&M expenses are computed considering 'K' factor as 0.36% (average of R&M expenses for the period from FY2019-20 to FY2022-23 as percentage of GFA) and duly escalating with WPI inflation @ 13.10%.



## **Commission's View**

### **Employee cost**

4.4.4 The Commission after prudence check of trued-up expenses claimed observed that there is no abnormal expense in the preceding control period. In accordance to proviso of clause 71.3 of Regulation No.2 of 2023, the Commission has recomputed the Employee cost for FY2024-25, by considering the average of trued-up expenses after adding/deducting the share of efficiency gains/losses, for the immediately preceding control period till FY2022-23 and approved values for FY2023-24. As the employee expenses have been arrived by considering the average of employee expenses of last five years, the Commission has considered the average CPI Inflation factor of last 5 financial years. The average employee cost has been duly escalated thrice with average CPI inflation factor of last 5 financial years (FY 2019-20 to FY2023-24) i.e., 5.79% to arrive at Employee cost for FY2024-25 as Rs. 1123.60 crore. The Employee costs of each subsequent financial years i.e., FY2025-26 to FY2028-29 is computed by escalating the Employee cost for FY2024-25 by CPI inflation factor of 5.79%. The normative Employee costs approved for 5<sup>th</sup> control period are as shown below:

**Table 4.8: Normative Employee Costs approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particular	EMP <sub>n-1</sub>	CPI Inflation	EMP <sub>n</sub>
	(a)	(b)	(a)*(1+(b))
FY 2024-25 (first year of 5 <sup>th</sup> control period)	-	-	1123.60
FY 2025-26	1123.60	5.79%	1188.66
FY 2026-27	1188.66	5.79%	1257.49
FY 2027-28	1257.49	5.79%	1330.31
FY 2028-29	1330.31	5.79%	1407.34

\*\*' FY 2024-25 being first year of 5<sup>th</sup> control period, employee cost is worked out as per provision under clause 98.3 of Regulation No.2 of 2023.

### **A&G Expenses**

4.4.5 Similarly, the Commission has recomputed A&G Expenses for FY2024-25, by considering the average of trued-up A&G expenses after adding/ deducting the share of efficiency gains/losses, for the immediately preceding control period till FY2022-23 and approved values for FY2023-24. As the A&G expenses have been arrived by considering the average of A&G expenses of last five years, the Commission has considered the average WPI Inflation factor of last 5

financial years. The average A&G expenses have been duly escalated thrice with average WPI inflation factor of last 5 financial years (FY 2019-20 to FY2023-24) i.e., 4.93% to arrive at A&G expenses for FY2024-25 as Rs. 64.78 crore. The A&G Expenses of each financial year for FY2025-26 to FY2028-29 is computed by escalating the above derived value of A&G expenses by average WPI inflation factor (4.93%). The A&G Expenses approved for 5<sup>th</sup> control period are as shown below:

**Table 4.9: Normative A&G Expenses approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particular	A&G <sub>n-1</sub>	WPI Inflation	A&G <sub>n</sub>
	(a)	(b)	(a)*(1+(b))
FY 2024-25 (first year of 5 <sup>th</sup> control period)	-	-	64.78 *
FY 2025-26	64.78	4.93%	67.97
FY 2026-27	67.97	4.93%	71.32
FY 2027-28	71.32	4.93%	74.84
FY 2028-29	74.84	4.93%	78.53

\*\*' FY 2024-25 being first year of 5<sup>th</sup> control period, A&G expenses is worked out as per provision under clause 98.3 of Regulation No.2 of 2023.

### **R&M Expenses**

4.4.6 In regard to R&M Expenses, the Commission has computed the 'k' factor taking the average of approved R&M Expenses as percentage (%) of approved GFA at beginning of each year of 4<sup>th</sup> control period i.e., 0.38%. The normative R&M Expenses of each financial year for FY2024-25 to FY2028-29 is computed by multiplying the opening GFA, with 'K' factor of 0.38% and escalated with average WPI inflation factor of last 5 financial years i.e., 4.93% for each year of 5<sup>th</sup> control period. The normative R&M Expenses approved for 5<sup>th</sup> control period are as shown below:

**Table 4.10: Normative R&M Expenses approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particular	K	GFA <sub>n</sub>	WPI Inflation	R&M <sub>n</sub>
	(a)	(b)	(c)	(a*b*(1+c))
FY 2024-25	0.38%	27708.24	4.93%	111.14
FY 2025-26	0.38%	30055.70	4.93%	120.56
FY 2026-27	0.38%	31825.30	4.93%	127.65
FY 2027-28	0.38%	33137.81	4.93%	132.92
FY 2028-29	0.38%	34170.10	4.93%	137.06

4.4.7 The O&M Expenses approved for 5<sup>th</sup> control period is as shown below:

**Table 4.11: O&M expenses approved for 5<sup>th</sup> control period***(Rs.in crore)*

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
Employee costs	1123.60	1188.66	1257.49	1330.31	1407.34
A&G Expenses	64.78	67.97	71.32	74.84	78.53
R&M Expenses	111.14	120.56	127.65	133.92	137.06
<b>O&amp;M Expenses</b>	<b>1299.52</b>	<b>1377.19</b>	<b>1456.47</b>	<b>1538.06</b>	<b>1622.93</b>

## 4.5 Depreciation

### *Petitioner's claim*

4.5.1 The depreciation claimed for 5<sup>th</sup> control period is as follows:

**Table 4.12: Depreciation claimed for 5<sup>th</sup> control period***(Rs.in crore)*

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Depreciation	661.73	780.71	916.08	1,054.15	1,110.10

- Depreciation is a claimed in accordance with clause 28 of Regulation No.2 of 2023.
- Balance depreciable value as on 01.04.2023 was arrived by considering the approved accumulated depreciation.
- The additions for 5<sup>th</sup> control period are calculated as per Regulation No.2 of 2023.
- The depreciation rate has been considered as 20% for intangible assets (software) as per Annexure-I 'Depreciation Schedule' of Regulation No.2 of 2023 and 2.57% for Line & Cables as per useful life of assets specified under 2.1(69) of Regulation No.2 of 2023.

### **Commission's View**

4.5.2 Clause 28 of Regulation No.2 of 2023 specifies the provisions related to Depreciation. The relevant extract of the aforementioned Regulation is as follows:

#### *"28. Depreciation*

*28.1 The generating entity, licensee, and SLDC shall be permitted to recover depreciation on the value of fixed assets used in their respective regulated businesses, computed in the following manner:*

- (a) The approved original cost of the fixed assets shall be the value base for calculation of depreciation:  
Provided that the depreciation shall be allowed on the entire capitalised amount of the new assets after reducing the approved original cost of the retired or replaced or de-capitalised assets.*
- (b) Depreciation shall be computed annually based on the straight-line method on the basis of the expected useful life specified in the Annexure I to this Regulation.*
- (c) The salvage value of the asset shall be considered at ten per cent of the allowable capital cost and depreciation shall be allowed up to a maximum of ninety per cent of the allowable capital cost of*

*the asset:*

*Provided that the generating entity or Licensee or SLDC shall submit certification from the Statutory Auditor for the capping of depreciation at ninety per cent of the allowable capital cost of the asset:*

*Provided further that the salvage value of Information Technology equipment and computer software shall be considered at zero per cent of the allowable capital cost.*

.....

4.5.3 The Commission after prudence check of details submitted, deducted the Rs.22.12 crore towards GFA of SLDC activity from TGTransco transmission business to derive the net opening GFA for FY2024-25 of TGTransco as the ARR of SLDC is being approved separately.

4.5.4 Further, based on the approved capital investment for transmission business for FY2024-25 to FY2028-29, the Commission has approved the capitalization for each year of the control period.

4.5.5 The Commission has computed the depreciation based on approved GFA using straight line method and expected useful life specified in the Annexure-I of Regulation No.2 of 2023. Further, as per clause 28.4 computed the depreciation separately for assets added up to 31.03.2024 and assets added on or after 01.04.2024 and summed up to derive the total depreciation of each financial year of 5<sup>th</sup> control period. Further, the depreciation corresponding to assets created by consumer contributions and grants are deducted to derive the net depreciation.

4.5.6 The depreciation approved for 5<sup>th</sup> control period is as follows:

**Table 4.13: Depreciation approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
Depreciation	818.35	863.33	898.11	924.38	953.88

#### **4.6 Interest and Finance Charges on Loans**

##### ***Petitioner's claim***

4.6.1 The Interest and Finance charges (I&FC) on Loans claimed by the petitioner for 5<sup>th</sup> control period is as follows:

**Table 4.14: I&FC charges on Loan claimed for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Opening Loan	9,032.86	10,403.68	11,785.72	13,095.35	14,680.69
Additions during the year	1,675.46	1,759.01	1,761.78	2,119.72	1,587.92
Repayment	304.64	376.96	452.16	534.38	585.37
Closing Loan	10,403.68	11,785.72	13,095.35	14,680.69	15,683.24
Interest rate (%)	10.00	10.00	10.00	10.00	10.00
<b>Interest on loan</b>	<b>971.83</b>	<b>1,109.47</b>	<b>1,244.05</b>	<b>1,388.80</b>	<b>1,518.20</b>

- The petitioner submitted that I&FC on loan is computed as per clause 31 Regulation No.2 of 2023.
- The opening balance of net normative loan has been arrived considering 75% of opening net fixed assets and addition of normative loan during the year is considered as 75% of additions to fixed assets during the year.
- Repayment of normative loan during the year is considered equal to depreciation amount projected during the year.
- The petitioner considered interest rate @ 10.00% based on actual weighted average rate of interest on actual long term loan portfolio at the beginning of each year duly submitting the copy of loan documents
- The Petitioner in its additional information has submitted that for each year capitalization details will be given at the time of truing up.

#### **Commission's View**

4.6.2 Clause 31 of Regulation 2 of 2023 specifies the provisions related to Interest and Finance Charges on Loan. The relevant extract of the Regulation is as follows:

*"31.1 The loans arrived at in the manner indicated in clause 27 on the assets put to use shall be considered as gross normative loan for calculation of interest on loan:*

*Provided that in case of retirement or replacement or de-capitalization of assets, the loan capital approved as mentioned above, shall be reduced to the extent of outstanding loan component of the original cost of such assets based on documentary evidence.*

.....

4.6.3 After prudence check of the submissions made by the petitioner, the Commission has recomputed the opening loan base for FY2024-25 based on the approved trued up closing loan for FY2022-23 approved in its Order dated 07.06.2024 and addition of loan base for FY2023-24 approved in its MYT Order dated 20.03.2020. The Commission has derived the opening loan base for FY2024-25 as Rs.9787.90 crore by considering approved gross GFA as on 01.04.2024 net of accumulated depreciation, consumer contribution & grants and proportionating it into debt equity ratio of 75%: 25%. Further, in line with clause 27.1 of Regulation No.2 of 2023, the Commission has considered the

normative Debt: Equity ratio of 75%:25% of approved capitalization during the year net of consumer contributions and grants to derive the loan addition for each year of 5<sup>th</sup> control period. The Commission has considered the interest rate as claimed by the petitioner i.e., @ 10.00%. The I&FC on Loan approved for 5<sup>th</sup> control period is as shown in table below:

**Table 4.15: Interest and Finance charges on Loan approved for 5<sup>th</sup> control period**  
(Rs.in crore)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
Opening Loan	9787.90	9780.67	9956.29	9449.38	9214.52
Additions during the Year	811.12	1038.95	391.20	689.52	523.35
Repayment during the Year	818.35	863.33	898.11	924.38	953.88
Closing Loan	9780.67	9956.29	9449.38	9214.52	8784.00
Interest rate	10.00%	10.00%	10.00%	10.00%	10.00%
Interest on loan	978.43	986.85	970.28	933.19	899.93

#### 4.7 Interest on Working Capital

##### *Petitioner's claim*

4.7.1 The Interest on Working Capital (IoWC) claimed by the petitioner for 5<sup>th</sup> control period is as follows:

**Table 4.16: Interest on Working Capital claimed for 5<sup>th</sup> control period**  
(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
O&M expenses	124.16	133.34	142.41	156.97	170.64
Maintenance spares	257.28	305.77	335.73	394.84	426.58
Receivables	366.12	494.38	549.82	617.65	677.19
Less:					
Security Deposits	32.58	32.58	32.58	32.58	32.58
Total Working Capital requirement	714.98	900.91	995.39	1,136.88	1,241.83
Interest rate %	10.00	10.00	10.00	10.00	10.00
<b>Interest on working capital</b>	<b>71.50</b>	<b>90.09</b>	<b>99.54</b>	<b>113.69</b>	<b>124.18</b>

- The petitioner has claimed IoWC as per clause 33.2 of Regulation No.2 of 2023.
- The petitioner has considered One (1) month O&M expenses, maintenance spares @ 1% of the opening GFA for the year, receivables for 45 days minus amount held as security deposits other than those in the form of Bank Guarantees, if any from transmission system users to derive the total working capital requirement.
- Further, the petitioner has considered rate of IoWC as 10.00% considering 8.50% as 1-year SBI MCLR plus 150 basis points in accordance with clause No.33.6 of Regulation No.2 of 2023.

### **Commission's View**

4.7.2 Clause 33.2 of (Multi Year Tariff) Regulation 2 of 2023 specifies the provisions related to Interest on Working Capital. The relevant extract of the Regulation is as follows:

*“33.2 Transmission*

*(a) The working capital requirement of the Transmission Licensee shall cover:*

*(i) Normative Operation and maintenance expenses for one (1) month;*

*(ii) Maintenance spares at one percent (1%) of the opening Gross Fixed Assets for the Year; and*

*(iii) Receivables equivalent to forty-five (45) days of the Aggregate Revenue Requirement;*

*minus*

*(iv) Amount held as security deposits other than those in the form of Bank Guarantees, if any, from Transmission System Users: Provided that for the purpose of Truing-up for any year, the working capital requirement shall be re-computed on the basis of the values of revised normative Operation & Maintenance expenses and actual Revenue from transmission charges excluding incentive, if any, and other components of working capital approved in the Truing-up before sharing of gains and losses;*

*33.6 Rate of interest on working capital shall be on normative basis and shall be equal to the Base Rate as on the date on which the petition for determination of Tariff is filed, plus 150 basis points:*

*Provided that for the purpose of Truing-up for any year, interest on working capital shall be allowed at a rate equal to the weighted average Base Rate prevailing during the concerned Year plus 150 basis points.”*

4.7.3 The Commission has computed the working capital requirement in accordance with clause 33.2 of Regulation No.2 of 2023. The Commission observed that SBI MCLR as on date of filing is 8.65% as against petitioner's claim of 8.50%. As such, the Commission has considered the interest rate for computation of loWC as 10.15% (SBI MCLR 8.65% plus 150 basis points) in accordance with clause 33.6 of Regulation No.2 of 2023. The loWC approved for 5<sup>th</sup> control period is as shown below:

**Table 4.17: Interest on Working Capital approved for 5<sup>th</sup> control period**

*(Rs.in crore)*

<b>Particular</b>	<b>2024-25</b>	<b>2025-26</b>	<b>2026-27</b>	<b>2027-28</b>	<b>2028-29</b>
Normative O&M expenses for 1 Month	108.29	114.77	121.37	128.17	135.24

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
Maintenance spares as 1% of Opening GFA	277.08	300.56	318.25	331.38	341.70
Receivables equivalent to 45 days of ARR	387.00	421.90	431.34	436.66	450.04
Less:					
Security Deposits	32.58	32.58	32.58	32.58	32.58
<b>Total Working Capital Requirement</b>	<b>739.79</b>	<b>804.64</b>	<b>838.38</b>	<b>863.63</b>	<b>894.40</b>
Interest Rate on Working Capital	10.15%	10.15%	10.15%	10.15%	10.15%
<b>Interest on Working Capital Requirement</b>	<b>75.09</b>	<b>81.67</b>	<b>85.10</b>	<b>87.66</b>	<b>90.78</b>

#### 4.8 Return on Equity (RoE)

##### Petitioner's claim

4.8.1 The Return on Equity claimed by the petitioner for 5<sup>th</sup> control period is as follows:

**Table 4.18: Return on Equity claimed for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Opening Equity Base	3,541.24	4,099.73	4,686.07	5,273.33	5,979.90
Capitalization during the year	2,233.94	2,345.34	2,349.05	2,826.29	2,117.22
Equity portion capitalization during FY	558.49	586.34	587.26	706.57	529.31
Closing Equity	4,099.73	4,686.07	5,273.33	5,979.90	6,509.21
Rate of Return on Equity	14.00%	14.00%	14.00%	14.00%	14.00%
Effective Income Tax Rate	34.94%	34.94%	34.94%	34.94%	34.94%
Grossed up rate of Return on Equity	21.52%	21.52%	21.52%	21.52%	21.52%
<b>Return on Equity</b>	<b>822.12</b>	<b>945.29</b>	<b>1,071.56</b>	<b>1,210.77</b>	<b>1,343.74</b>

- The petitioner submitted that Return on Equity (ROE) is computed as per clause 29 of Regulation No.2 of 2023 and opening equity base arrived by considering 25% of net-block of fixed assets of previous year and addition of equity during the year is considered as 25% to fixed assets during the year.
- The petitioner has considered the rate of RoE as 14.00% and grossed up the rate with effective Income Tax rate as 34.944% while computing RoE for each year of 5<sup>th</sup> control period.

##### Commission's View

4.8.2 Clause 29 of Regulation No.2 of 2023 specifies provisions related to Return on Equity. The relevant extract of the Regulation is as follows:

“29. Return on Equity

29.1 Return on Equity shall be computed in rupee terms, on the equity base determined in accordance with clause 27.

29.2 Return on Equity shall be computed at the following base rates:



.....  
(d) Transmission Licensee: 14.00%;

Provided that in case of delay in submission of tariff/true-up filings by the generating entity or licensee or SLDC, as required under this Regulation, rate of RoE shall be reduced by 0.5% per month or part thereof.

.....  
29.3 The Return on Equity shall be computed in the following manner:

- (a) Return at the allowable rate as per this clause, applied on the amount of equity capital at the commencement of the Year; plus
- (b) Return at the allowable rate as per this Regulation, applied on 50 per cent of the equity capital portion of the allowable capital cost, for the investments put to use in generation business or transmission business or distribution business or SLDC, for such Year.

30. Tax on Return on Equity

30.1 The Base rate of Return on Equity allowed under clause 29.2 shall be grossed up with the effective Income Tax rate of the respective entity for the respective financial year:

.....  
30.2 Rate of pre-tax Return on Equity shall be rounded off to three decimal places and shall be computed as per the formula given below:

$$\text{Rate of pre-tax return on equity} = \text{Base Rate} / (1-t);$$

Where

“Base Rate” is the rate of Base Return on Equity in accordance with clause 29.2;

“t” is the effective Income Tax rate in accordance with clause 30.1.”

4.8.3 Equity: The Commission has computed the opening equity base for FY2024-25 based on the closing equity for FY2022-23 approved in APR Order dated 07.06.2024 and addition of equity for FY2023-24 approved in MYT Order dated 20.03.2020. The Commission has derived the opening equity base for FY2024-25 as Rs.3262.63 crore by considering the gross approved GFA as on 01.04.2024 net of accumulated depreciation, consumer contribution & grants and proportionating it into debt equity ratio of 75%:25%. Further, in line with Clause 27.1 of Regulation No.2 of 2023, the Commission has considered the normative Debt: Equity ratio of 75%:25% of approved capitalization during the year net of Consumer Contributions and Grants to arrive at the equity addition for each year of the control period.

4.8.4 Rate of RoE: As per timelines specified in Regulation No.2 of 2023, TGTransco had to file the petition by 31.01.2024. Whereas, TGTransco has filed the petition

on 06.08.2024 with a delay of 188 days. As per clause 29.2 of Regulation No.2 of 2023, in case the petitioner delays in filing the petition, there is provision for reduction in rate of Return on Equity by 0.5% per month or part thereof. Hence, the rate of RoE has to be reduced by 3.50% for all the years of 5<sup>th</sup> control period. Duly considering the advice given by the members during SAC meeting held on 05.10.2024 and since it is a first filing as per MYT Regulation No.2 of 2023, the Commission has taken a lenient view and restricted reduction of rate of RoE only for the first year of 5<sup>th</sup> control period i.e., FY2024-25.

4.8.5 Thus, the Commission considered net allowable rate of RoE as 10.50% for first year of 5<sup>th</sup> control period and for subsequent four years of 5<sup>th</sup> control period rate of RoE is considered as 14%.

4.8.6 Tax Rate (MAT): With regard to Tax on Return on Equity, the Commission observed that the Petitioner has claimed 34.94% as tax on return on equity. The Commission as part of additional information asked the Petitioner to provide the basis for consideration of 34.94% as tax rate and to also provide the details of actual tax paid in the past financial years. The Petitioner in its reply submitted that Tax on Income for FY2023-24 has been estimated at Normal rate of tax (i.e. 34.944%) and the same is considered for FY2024-25 to FY2028-29.

4.8.7 The Commission has considered the MAT rate for grossing up the base rate of RoE to derive the effective rate of Return on Equity subject to true-up. Accordingly, the Return on Equity approved for 5<sup>th</sup> control period is as follows:

**Table 4.19: Return on Equity approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
Opening Equity	3262.63	3533.01	3879.32	4009.72	4239.56
Addition during the Year	270.37	346.32	130.40	229.84	174.45
Closing Equity	3533.01	3879.32	4009.72	4239.56	4414.01
Base Rate of Return on Equity	14.00%	14.00%	14.00%	14.00%	14.00%
Reduction in Base ROE for delay in filling of Petition (7 Month)	3.50%	-	-	-	-
Allowable Rate of Return on Equity	10.50%	14.00%	14.00%	14.00%	14.00%
Effective Tax Rate	17.47%	17.47%	17.47%	17.47%	17.47%
Grossed up Rate of Return on Equity	12.72%	16.96%	16.96%	16.96%	16.96%
<b>Return on Equity</b>	<b>432.30</b>	<b>628.71</b>	<b>669.15</b>	<b>699.70</b>	<b>733.99</b>

## 4.9 Non-Tariff Income

### *Petitioner's claim*

4.9.1 The Non-Tariff Income (NTI) claimed by the petitioner for each year of 5<sup>th</sup> control period is as follows:

**Table 4.20: Non-Tariff Income claimed for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Non-Tariff Income	464.70	515.70	580.46	641.18	651.18

- NTI includes interest income on staff loans and advances, income from investments, supervision charges, amortization of consumer grants, lease rentals, etc. on late payment charges.
- The petitioner based on the past trend has projected NTI for each year of 5<sup>th</sup> control period.

### **Commission's View**

4.9.2 Clause 72 of Regulation 2 of 2023 specifies Non-Tariff Income. The relevant extract of the Regulation is as follows:

"72.2 The Non-Tariff Income shall include:

- a) Income from rent of land or buildings;
- b) Net income from sale of de-capitalised assets;
- c) Income from sale of scrap;
- d) Income from statutory investments;
- e) Interest income on advances to suppliers/contractors;
- f) Income from rental from staff quarters;
- g) Income from rental from contractors;
- h) Income from hire charges from contractors and others;
- i) Supervision charges for capital works;
- j) Any other Non-Tariff Income."

4.9.3 The Commission observed that NTI claimed by the petitioner is based on past trend. Thus, the Commission approves NTI as claimed by Petitioner. The NTI approved for 5<sup>th</sup> control period is as follows:

**Table 4.21: Non-Tariff Income approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
Non-Tariff Income	464.70	515.70	580.46	641.18	651.18

## 4.10 Impact of APR/True Up for Prior Period

### *Petitioner's claim*

4.10.1 Based on the Annual Performance Review (APR) Orders and Provisional Accounts for FY2023-24, the petitioner has claimed the impact of True up for 4<sup>th</sup> control period (FY 2019-20 to FY2023-24) as follows:

**Table 4.22: Impact of True up claimed for prior period (4<sup>th</sup> control period).**  
(Rs.in crore)

Particulars	Amount
Deficit as per APR Order for FY2019-20 dated 02.09.2021	64.88
Surplus as per APR Order for FY2020-21 dated 07.04.2022	(173.94)
Deficit as per APR Order for FY2021-22 dated 26.05.2023	160.80
Surplus as per APR Order for FY2022-23 dated 07.06.2024	(579.05)
Surplus for FY2023-24 (as per Provisional Accounts)	(55.37)
<b>Total- Net Surplus</b>	<b>(582.68)</b>

**Commission's View**

4.10.2 The Commission has observed that the petitioner has considered the impact of APR/True up for FY2019-20 to FY2022-23 approved in APR orders and projected the impact for FY2023-24 based on the provisional accounts for FY2023-24.

4.10.3 The Commission in its APR Order dated 07.06.2024 for FY2022-23 had stated that the net Gap/(surplus) of 4<sup>th</sup> control period shall be included in the claim of Transmission tariff for subsequent control period. The relevant para of the Order dated 07.06.2024 is reproduced below:

“4.13 RECOVERY OF REVENUE GAP/(SURPLUS)

4.13.1 The Commission directs the Applicant to include and propose the adjustment mechanism of the total approved revenue surplus of Rs.527.29 crore (gap of Rs.64.89 crore for FY2019-20, surplus of Rs.173.93 crore for FY2020-21, gap of Rs.160.80 crore for FY2021-22 and surplus of Rs.579.05 crore for FY2022-23) in its end of control period review petition for 4<sup>th</sup> control period.”

4.10.4 Therefore, the Commission will consider the impact of True up for Prior Period (4<sup>th</sup> control period) on examination of the APR petition for FY2023-24.

**4.11 ARR for Transmission Business**

**Petitioner's claim**

4.11.1 Based on the projection of each component of ARR, the petitioner has claimed the ARR for each year of 5<sup>th</sup> control period as follows:

**Table 4.23: ARR claimed for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Operation & Maintenance Expenses	1,489.89	1,600.09	1,708.95	1,883.60	2,047.74
Depreciation	661.73	780.71	916.08	1,054.15	1,110.10

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Interest and finance charges on loan	971.83	1,109.47	1,244.05	1,388.80	1,518.20
Interest on Working Capital	71.50	90.09	99.54	113.69	124.18
Return on Equity	822.12	945.29	1,071.56	1,210.77	1,343.74
Less: Non-Tariff Income	464.70	515.70	580.46	641.18	651.18
Impact of true-up for Prior Period (Surplus)	(582.68)	-	-	-	-
<b>Aggregate Revenue Requirement</b>	<b>2,969.68</b>	<b>4,009.95</b>	<b>4,459.72</b>	<b>5,009.83</b>	<b>5,492.77</b>

### Commission's View

4.11.2 Based on the above analysis, the Aggregate Revenue Requirement (ARR) approved for each year of 5<sup>th</sup> control period is as follows:

**Table 4.24: ARR approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Operation & Maintenance Expenses	1299.52	1377.19	1456.47	1538.06	1622.93
Depreciation	818.35	863.33	898.11	924.38	953.88
Interest and finance charges on loan	978.43	986.85	970.28	933.19	899.93
Interest on Working Capital	75.09	81.67	85.10	87.66	90.78
Return on Equity	432.30	628.71	669.15	699.70	733.99
Less: Non-Tariff Income	464.70	515.70	580.46	641.18	651.18
Impact of true-up for prior period	-	-	-	-	-
<b>Aggregate Revenue Requirement</b>	<b>3,138.98</b>	<b>3,422.05</b>	<b>3,498.64</b>	<b>3,541.82</b>	<b>3,650.32</b>

### 4.12 Contracted Capacities

4.12.1 The petitioner has claimed the following contracted capacities (Generation Capacity in MW) for 5<sup>th</sup> control period.

**Table 4.25: Contracted Capacities claimed for 5<sup>th</sup> control period**

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Generation Capacity (MW)	22590.84	22359.01	22276.22	22131.05	21606.63

4.12.2 The Commission after prudence check has considered the normative contracted capacities of each individual generating station as per PPA. Further the contracted capacity of RTS-B station is limited to its term as per PPA i.e., up to 03.06.2024. Accordingly, the Commission considered the following contracted capacities (Generation Capacity in MW) for 5<sup>th</sup> control period.

**Table 4.26: Contracted Capacities considered for 5<sup>th</sup> control period**

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Generation Capacity (MW)	22668.34	22380.26	22297.47	22152.30	21627.88

The year-wise, station-wise details of normative contracted capacities are given

in Anneuxre-4. The Contracted Capacity worked out by the Commission is higher than that claimed by the Petitioner as the Commission has considered the auxiliary consumption as per MYT Regulation No. 2 of 2023 to arrive the net capacity available from TGGENCO stations, while TGTRANSCO has considered the higher auxiliary consumption.

#### 4.13 Transmission Tariffs

##### ***Petitioner's claim***

4.13.1 Based on the net ARR projections and Contracted Capacities of generating stations, the petitioner has claimed the Transmission Tariffs for each year of 5<sup>th</sup> control period as follows:

**Table 4.27: Transmission Tariff claimed 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Aggregate Revenue Requirement (Rs.in crore)	2,969.68	4,009.95	4,459.72	5,009.83	5,492.77
Transmission Contracted Capacity (MW)	22,590.84	22,359.01	22,276.22	22,131.05	21,606.63
<b>Transmission Capacity (Rs. /kW/Month)</b>	<b>109.55</b>	<b>149.45</b>	<b>166.83</b>	<b>188.64</b>	<b>211.85</b>

##### ***Commission's View***

4.13.2 The Commission has determined the transmission tariff payable by the long-term, medium-term users and short-term users of the transmission system in accordance with clause 74.1 & 74.2 of Regulation No.2 of 2023. The relevant extract of the Regulation is reproduced below:

“74.1 *The transmission tariff payable by the long-term and medium-term users of the transmission system shall be determined in accordance with the following formula.*

$$TR = ARR \div 12 / TCC$$

Where,

*TR = Transmission Rate in Rs./kW/month;*

*ARR = Aggregate Revenue Requirement as determined under clause 69.1; TSERC (MYT) Regulation, 2023*

*TCC = Total Contracted Capacity in kW of the Transmission system by all Long-Term and Medium-Term Users.*

74.2 *The transmission tariff payable by the short-term users of the transmission system shall be determined in accordance with the following formula:*

$$TR = ARR \div \text{number of hours in the year} / TCC$$

Where,

TR = Transmission Rate in Rs. /kW/hr;

ARR = Aggregate Revenue Requirement as determined under clause 69.1;

TCC = Total Contracted Capacity in kW of the Transmission system by all Long-Term and Medium-Term Users.”

4.13.3 In accordance with clause 74.1 & 74.2 of Regulation No.2 of 2023, the Commission has determined the Transmission Tariff based on the approved Aggregate Revenue Requirement (ARR) and Contracted Capacities for the control period from FY2024-25 to FY2028-29 as follows:

**Table 4.28: Transmission Charges approved for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Aggregate Revenue Requirement (Rs.in Cr.)	3,138.98	3422.05	3498.64	3541.82	3650.32
Transmission Contracted Capacity (MW)	22668.34	22380.26	22297.47	22152.30	21627.88
Transmission Tariff for Long Term / Medium Term Users (Rs. /kW/Month)	115.40*	127.42	130.76	133.24	140.65
Transmission Tariff for Short-Term Users (Rs. /kW/hr)	0.16	0.18	0.18	0.19	0.20

\* The Transmission tariff per kW/month as approved by the Commission for FY 2024-25 is higher as compared to the Petitioner's claim as the Petitioner has considered the impact of truing up of previous Control Period, while the Commission will consider the same at the end of Control Period.

#### 4.14 Transmission Losses

##### **Petitioner's claim**

4.14.1 The Petitioner has forecasted the transmission loss for FY2024-25 to FY2028-29 as follows:

**Table 4.29: Transmission Losses claimed for 5<sup>th</sup> control period**

(Rs.in crore)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Transmission Loss Range	2.48 (+/- 0.2)	2.46 (+/- 0.2)	2.44 (+/- 0.2)	2.42 (+/- 0.2)	2.40 (+/- 0.2)

##### **Commission's View**

4.14.2 Clause 76 of Regulation No.2 of 2023 specifies provisions related to Transmission Losses. The relevant extract of the regulation is as follows:

“76. Transmission Losses

76.1 The transmission licensee shall propose the trajectory of the transmission losses for the control period in its MYT Petition for the control period with detailed justification for the proposed loss trajectory. 76.2 The energy losses in the intra-State transmission system, approved, shall be considered as transmission losses and borne by the Transmission System Users in proportion to their usage of the intra-State transmission system.”

4.14.3 The Commission has approved the transmission loss trajectory for 5<sup>th</sup> control period in the Resource Plan Order dated 29.12.2023. The Commission has considered the same for 5<sup>th</sup> control period as follows:

**Table 4.30: Transmission Losses approved for 5<sup>th</sup> control period**

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Transmission Losses (%)	2.48	2.46	2.44	2.42	2.40

**Notes on Transmission Tariff:**

- i) The transmission licensee shall raise monthly bill for Intra-State Transmission Charges on every Transmission System User (TSU) on the first working day of the month for the Transmission Charges of preceding month.
- ii) The monthly bill for transmission Tariff shall be payable within thirty days of receipt of bill by the TSUs.
- iii) All TSUs shall ensure timely payment of Transmission Tariff to the transmission licensee.
- iv) The Transmission Tariffs determined for each year of 5<sup>th</sup> control period (FY 2024-25 to FY2028-29) are applicable from 1<sup>st</sup> April to 31<sup>st</sup> March of the respective Financial Year. However, for FY2024-25, Transmission Tariffs determined are applicable w.e.f. 01.11.2024.

**This Order is corrected and signed on this the 28<sup>th</sup> day of October 2024.**

Sd/- (BANDARU KRISHNAIAH) MEMBER	Sd/- (M. D. MANOHAR RAJU) MEMBER	Sd/- (T. SRIRANGA RAO) CHAIRMAN
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# Annexure-1 Public Notice

Appeared in SAKSHI and EENADU (Telugu) on 20.09.2024

**ఆంధ్రప్రదేశ్ తెలంగాణ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్ సమాజ్కంఠ్**  
విద్యుత్ నియంత్రణ భవన్, జి.బి.ఎస్ కాలనీ, కళ్యాణనగర్, హైదరాబాద్-500 045.  
ట్రాన్స్మిషన్ కార్పొరేషన్ ఆఫ్ తెలంగాణ లిమిటెడ్ (TGERSCO)

**బహిరంగ ప్రకటన**  
**O.P.No. 14 of 2024 మరియు O.P.No. 15 of 2024**

- ట్రాన్స్మిషన్ కార్పొరేషన్ ఆఫ్ తెలంగాణ లిమిటెడ్ (టిజిట్రాన్స్కో) FY 2024-25 నుండి FY 2028-29 కొరకు టిజిట్రాన్స్కో యొక్క ARR మరియు ట్రాన్స్మిషన్ లిమిటెడ్ కొరకు ప్రతిపాదిత ఛార్జీలు మరియు స్టేట్ లోడ్ డిస్ట్రీబ్యూట్ సింట్టర్ (SLDC) కార్యకలాపాల కొరకు తెలంగాణ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్ (TGERC) సమాజ్కంఠ్ దాఖలు చేసినదని ఇందుమూలముగా అందరికీ తెలియజేయడమైనది. ఈ ప్రెలిమిన్ గమనించవలెను. O.P.No. 14 of 2024 (ట్రాన్స్మిషన్ లిమిటెడ్) మరియు O.P.No. 15 of 2024 (SLDC కార్యకలాపాలు) లో కమిషన్ ద్వారా రికార్డులోకి తీసుకోబడినవి.
- ఈ ప్రెలిమిన్ ఛార్జీలు టిజి ఇంజనీర్ (Comml. & RAC), ఛాం. నం. 149, 'ఎ' ఛాక్, టిజి ట్రాన్స్కో, విద్యుత్ సౌధ, హైదరాబాద్ - 500 082 మరియు టిజి ఇంజనీర్ / (మెట్రో ఛోస్, ఛార్జ్ ఛోస్, కరీంనగర్ ఛోస్ మరియు వరంగల్ ఛోస్) మరియు సూపరింటెండింగ్ ఇంజనీర్ / OMC / టిజి ట్రాన్స్కో (ఇమ్మం, నిజామాబాద్, ఆదిలాబాద్, కరీంనగర్, నల్గొండ, మహబూబ్ నగర్, వరంగల్, మెట్రో ఈస్ట్, మెట్రో వెస్ట్, మెట్రో సెంట్రల్, హైదరాబాద్ లో ఉన్న సంగారెడ్డి) కార్యాలయాలలో 20.09.2024 నుండి లభించును. ఆసక్తి గల వ్యక్తులు ఉచితంగా నడరు ప్రెలిమిన్ గమనించవలెను. ఈ ప్రతిపాదనలు [www.tgtransco.com](http://www.tgtransco.com)లో కూడా లభిస్తాయి మరియు వాటిని [www.tgerc.telangana.gov.in](http://www.tgerc.telangana.gov.in)లో కూడా పొందవచ్చును. ఈ ప్రెలిమిన్ యొక్క కాపీలను పైన తెలిపిన కార్యాలయాల నుండి సగదుగా ఫోటో కాపీయింగ్ ఛార్జీలు చెల్లించి పొందవచ్చును.
- అధికారిక టెండర్లు మరియు ప్రెలిమిన్ గమనించవలెను టిజి ఇంజనీర్ (Comml. & RAC), ఛాం. నం. 149, 'ఎ' ఛాక్, టిజి ట్రాన్స్కో, విద్యుత్ సౌధ, హైదరాబాద్-500 082 వారికి స్వయంగా లేదా రిజిస్టర్డ్ సోన్స్ ద్వారా 11.10.2024న లేదా అలాగే సాయంత్రం 5.00 గంటల వరకు చేరే విధంగా పంపవలెను. దాని కాపీని పైన తెలిపిన చిరునామాలోని కమిషన్ సెక్రటరీ, TGERC వారికి కూడా దాఖలు చేయాలి. అభ్యంతరాలు / సూచనలు తగవిధంగా సంతకం చేసి మరియు అభ్యంతరాలు / సూచనలను పరస్పర వ్యక్తుల మధ్య పెరు, కపాలా చిరునామాతో ఉండాలి. అభ్యంతరాలు / సూచనలు విచేసే సంస్థ లేదా వినియోగదారుల కేటగిరీ కరఫైన దాఖలు చేస్తే దానిని స్పష్టంగా పేర్కొనవలెను. అభ్యంతరాలు / సూచనలతోపాటు దిగిన తెలిపిన స్టేట్మెంట్ ను కూడా జతచేయాలి.

అభ్యంతరం తెలిపే వ్యక్తి పేరు మరియు పూర్తి చిరునామా	అభ్యంతరం(లు)/ సూచన(లు) సంక్షిప్త వివరాలు	ARR మరియు ట్రాన్స్మిషన్ లిమిటెడ్ కొరకు ప్రతిపాదిత ఛార్జీలు మరియు SLDC కార్యకలాపాల కొరకు టిజి ట్రాన్స్కో ద్వారా ప్రెలిమిన్ అభ్యంతరాలు	టిజి ట్రాన్స్కో అఫీసు వద్ద అభ్యంతరం కాపీ మరియు బట్టా దుబాషి ఆఫ్ చేయబడింది (అవును/కాదు)	అభ్యంతరం తెలిపే వ్యక్తి స్వయంగా విస్తృతంగా కోడలిదారు (అవును/కాదు)
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4. తెలంగాణ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్ 22.10.2024 (ముగళవారం)న ఉ. 10.30 గం. నుండి TGERC యొక్క కోర్ట్ రూంలో ప్రకాశిత్రాయ సెక్షన్ నిర్వహించాలని ఉద్దేశిస్తున్నది.

ప్రదేశం : హైదరాబాద్ నం/- షెర్మన్ మరియు మేనేజింగ్ డైరెక్టర్, టిజి ట్రాన్స్కో  
తేదీ : 20.09.2024

**షెడ్యూలు-I**  
ట్రాన్స్మిషన్ లిమిటెడ్ యొక్క FY 2024-25 నుండి FY 2028-29 కొరకు యాగ్రగేట్ రెవెన్యూ రిజైర్మెంట్ (ARR)

క్ర. సం.	వివరాలు	నియంత్రణ కాల వ్యవధి				
		FY 2024-25 (n+1)	FY 2025-26 (n+2)	FY 2026-27 (n+3)	FY 2027-28 (n+4)	FY 2028-29 (n+5)
1	అవరేషన్ & మెయింటెనెన్స్ ఖర్చులు	1,489.89	1,600.09	1,708.95	1,863.6	2,047.74
2	తరుగుదల	661.73	780.71	916.08	1,054.15	1,110.10
3	రుఅంపై వడ్డీ మరియు ప్రెసెన్స్ ఛార్జీలు	971.83	1,109.47	1,244.05	1,388.80	1,516.20
4	నిర్వహణ మూలధనపై వడ్డీ	71.50	90.09	99.54	113.69	124.18
5	ఉత్పాదన రాబట్టి	822.12	945.29	1,071.56	1,210.77	1,343.74
6	తగ్గింపు :					
6.1	నాన్-టారిఫ్ ఆదాయం	464.70	515.70	580.46	641.18	651.18
6.2	టెస్ట్ యాక్సిన్ ఛార్జీల నుండి ఆదాయం	-	-	-	-	-
6.3	ఇతర వ్యాపారం నుండి ఆదాయం	-	-	-	-	-
7	కలుపుట :					
7.1	ముందటి కాలానికి ట్రా-అవ్ ప్రభావం	-582.68	-	-	-	-
8	యాగ్రగేట్ రెవెన్యూ రిజైర్మెంట్	2,969.68	4,009.95	4,459.72	5,009.83	5,492.77

**షెడ్యూలు-II**  
FY 2024-25 నుండి FY 2028-29 కొరకు ట్రాన్స్మిషన్ టారిఫ్లు మరియు నష్టాల ప్రెలిమిన్

వివరాలు	నియంత్రణ కాల వ్యవధి				
	FY 2024-25 (n+1)	FY 2025-26 (n+2)	FY 2026-27 (n+3)	FY 2027-28 (n+4)	FY 2028-29 (n+5)
ట్రాన్స్మిషన్ లిమిటెడ్ యొక్క ARR (యా. కోట్లలో)	2,969.68	4,009.95	4,459.72	5,009.83	5,492.77
ట్రాన్స్మిషన్ కాంట్రాక్టెడ్ కెపాసిటీ (MW)	22,590.84	22,359.01	22,276.22	22,131.05	21,606.63
ట్రాన్స్మిషన్ ఛార్జీలు (Rs/kW/month)	109.55	149.45	166.83	188.64	211.85

వివరాలు	2024-25 (Proj)	2025-26 (Proj)	2026-27 (Proj)	2027-28 (Proj)	2028-29 (Proj)
ట్రాన్స్మిషన్ నష్టాల శ్రేణి	2.46 +/- 0.2	2.46 +/- 0.2	2.44 +/- 0.2	2.42 +/- 0.2	2.40 +/- 0.2

**షెడ్యూలు-III**  
SLDC కార్యకలాపాలలో FY 2024-25 నుండి FY 2028-29 కొరకు యాగ్రగేట్ రెవెన్యూ రిజైర్మెంట్ (ARR)

వివరాలు	నియంత్రణ కాల వ్యవధి				
	FY 2024-25 (n+1)	FY 2025-26 (n+2)	FY 2026-27 (n+3)	FY 2027-28 (n+4)	FY 2028-29 (n+5)
SLDC వ్యాపారం యొక్క ARR (యా. కోట్లలో)	83.59	89.16	110.26	114.08	118.11
అవరేషన్ కాంట్రాక్టెడ్ కెపాసిటీ (MW)	23,598.62	23,366.69	23,283.90	23,130.72	22,600.31
SLDC ఛార్జీలు (Rs/MW/month)	2,951.80	3,179.74	3,946.22	4,109.97	4,355.03

DIPR RO No. 4303-PP/CL/ADVT/1/2024-25, Dt. : 19.09.2024

Appeared in THE INDIAN EXPRESS and THE TIMES OF INDIA (English) on 20.09.2024

**BEFORE THE HON'BLE  
TELANGANA ELECTRICITY REGULATORY COMMISSION  
Vidyut Niyamtran Bhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad - 500 045  
Transmission Corporation of Telangana Limited (TGTRANSCO)  
PUBLIC NOTICE**

**O.P. No.14 of 2024 and O.P. No.15 of 2024**

1. Notice is hereby given to all that the Transmission Corporation of Telangana Limited (TGTRANSCO) has filed before the Telangana Electricity Regulatory Commission (TGERC) for ARR and proposed charges for Transmission Business and State Load Dispatch Centre (SLDC) activity of TGTRANSCO for FY 2024-25 to FY 2028-29. These filings have been taken on record by the Commission in O.P. No.14 of 2024 (Transmission Business) and O.P. No.15 of 2024 (SLDC activity), respectively.
2. Copies of the filings referred are available in the Office of the Chief Engineer (Comm. & RAC) Room No. 149, 'A' Block, TGTRANSCO, Vidyut Soudha, Hyderabad - 500082 and the Chief Engineer/(Metro Zone, Rural Zone, Karimnagar Zone and Warangal Zone) and Superintending Engineer/OMC/TGTRANSCO (Khammam, Nizamabad, Adilabad, Karimnagar, Nalgonda, Mahabubnagar, Waranagal, Metro East, Metro West, Metro Central, Sangareddy located at Hyderabad) from 20.09.2024. Interested persons may inspect/peruse the said filings and take note thereof during office hours at any of the said offices free of cost. These proposals are also available on [www.tgtransco.com](http://www.tgtransco.com) and the same may be also accessed at [www.tgerc.telangana.gov.in](http://www.tgerc.telangana.gov.in). A copy of these filings can be obtained from the above office on payment of photocopying charges by cash.
3. Objections/suggestions if any, on the said filings together with supporting material may be sent to the Chief Engineer (Comm. & RAC) Room No. 149, 'A' Block, TGTRANSCO, Vidyut Soudha, Hyderabad- 500082 in person or through Registered Post so as to reach on or before 11.10.2024 by 5 pm. A copy of the same must also be filed with the Commission Secretary, TGERC, at the address mentioned above. The objections/suggestions should be duly signed and should carry full name and postal address of the person(s) sending the objections/suggestions. If the objections/suggestions are filed on behalf of any organization or any category of consumers, it should be clearly mentioned. The objection/suggestion should accompany the following statement as an overleaf-

Name & full address of the Objector	Brief details of Objection(s)/ Suggestion(s)	Objections against filings by TGTRANSCO for ARR and proposed charges for Transmission Business and SLDC activity	Whether copy of objection & proof of delivery at TGTRANSCO's office enclosed (Yes/No)	Whether Objector wants to be heard in person (Yes/No)

4. Telangana Electricity Regulatory Commission intends to conduct a Public Hearing on 22.10.2024 (Tuesday) from 10.30 hrs onwards in the Court Hall of TGERC.

Place: Hyderabad  
Date: 20.09.2024

Sd/-  
Chairman and Managing Director  
TGTRANSCO

**SCHEDULE - I**

**Aggregate Revenue Requirement (ARR) for FY 2024-25 to FY 2028-29 of Transmission Business:**

S. No.	Particulars	Control Period				
		FY 2024-25 (n+1)	FY 2025-26 (n+2)	FY 2026-27 (n+3)	FY 2027-28 (n+4)	FY 2028-29 (n+5)
1.	Operation & Maintenance Expenses	1,489.89	1,600.09	1,708.95	1,883.60	2,047.74
2.	Depreciation	661.73	780.71	916.08	1,054.15	1,110.10
3.	Interest and finance charges on loan	971.83	1,109.47	1,244.05	1,388.80	1,518.20
4.	Interest on Working Capital	71.50	90.09	99.54	113.69	124.18
5.	Return on Equity	822.12	945.29	1,071.56	1,210.77	1,343.74
6.	Less:					
6.1.	Non-Tariff Income	464.70	515.70	580.46	641.18	651.18
6.2.	Income from Open Access Charges	-	-	-	-	-
6.3.	Income from Other Business	-	-	-	-	-
7.	Add:					
7.1.	Impact of true-up for prior period	-582.68	-	-	-	-
8.	<b>Aggregate Revenue Requirement</b>	<b>2,969.68</b>	<b>4,009.95</b>	<b>4,459.72</b>	<b>5,009.83</b>	<b>5,492.77</b>

**SCHEDULE - II**

**Filing of Transmission Tariffs and Losses for FY 2024-25 to FY 2028-29:**

Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
	(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
ARR of Transmission Business (Rs. in Crores)	2,969.68	4,009.95	4,459.72	5,009.83	5,492.77
Transmission Contracted Capacity (MW)	22,590.84	22,359.01	22,276.22	22,131.05	21,606.63
Transmission Charges (Rs/kW/month)	109.55	149.45	166.83	188.64	211.85
Particulars	2024-25 (Proj)	2025-26 (Proj)	2026-27 (Proj)	2027-28 (Proj)	2028-29 (Proj)
Transmission Loss Range	2.48 +/-0.2	2.46 +/-0.2	2.44 +/-0.2	2.42 +/-0.2	2.40 +/-0.2

**SCHEDULE - III**

**Aggregate Revenue Requirement (ARR) for FY 2024-25 to FY 2028-29 of SLDC Activity:**

Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
	(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
ARR of SLDC Business (Rs. in Crores)	83.59	89.16	110.26	114.08	118.11
Generation Contracted Capacity (MW)	23598.52	23366.69	23283.90	23130.72	22600.31
SLDC Charges (Rs/MW/month)	2951.80	3179.74	3946.22	4109.97	4355.03

R.O. No. : 415-PP/CL-AGENCY/ADVT/1/2024-25

**روپرو معزز**

**تلنگانہ برقی طاقتوں کی کمیشن**

دیپت لیٹرنس بھون، جی ٹی این ٹاورز، گلپان سٹریٹ، حیدرآباد۔ 500082  
 ٹرانسمیشن کارپوریشن آف تلنگانہ لمیٹید (ٹی جی ٹرانسکو)

**اعلان عام**

O.P.No.15 of 2024 اور O.P.No. 14 of 2024

- ذریعہ ہذا سب کو اطلاع دی جاتی ہے کہ ٹرانسمیشن کارپوریشن آف تلنگانہ لمیٹید (ٹی جی ٹرانسکو) نے مالیاتی سال 2024-25 تا مالیاتی سال 2028-29 کیلئے ٹی جی ٹرانسکو کی جانب سے اسے آر آر اور مجوزہ ٹرانسمیشن برنس ویز اسٹیٹ لوڈ ڈسٹریبیوٹن سسٹم (ایس ایل ڈی سی) سرگرمی کیلئے 2024-25 کے ہاں مقدمات دائر کئے ہیں۔ ان مقدمات کو ٹرانسمیشن کی جانب سے باترتیب O.P.No. 14 of 2024 (ٹی جی ای آر سی) کے ہاں مقدمات دائر کئے ہیں۔
- دائر کردہ مقدمات کی نقول دفتر چیف انجینئر (کرسٹل اینڈ آر اے سی) روم نمبر 149 سے بلاک، ٹی جی ٹرانسکو، ویڈیو سٹوڈیو، حیدرآباد۔ 500082، دفتر چیف انجینئر (میٹرو ڈون، روزل ڈون، کریم گز ڈون، ووہرنگل ڈون) اور دفتر سپرنٹنڈنگ انجینئر راولیم سی سی ٹی ٹرانسکو (سٹیم، نظام آباد، عادل آباد، کریم نگر، گلگتھ، محبوب نگر، ورنگل، میٹرو ڈسٹ، میٹرو سٹیشن، سنگار پڑی واقع حیدرآباد) پر 20 ستمبر 2024 سے دستیاب رہیں گی۔ محامدین افراد مذکورہ بالا دفاتر میں سے کسی ایک دفتر پر اوقات کار کے دوران وقت میں تذکرہ مقدمات کا معائنہ کر سکتے ہیں۔ مشاہدہ کر سکتے ہیں اور نوٹ لے سکتے ہیں۔ یہ تجاویز ساتھ ہی ساتھ [www.tgtransco.com](http://www.tgtransco.com) پر دستیاب ہیں اور [www.tgerc.telangana.gov.in](http://www.tgerc.telangana.gov.in) پر بھی ان تک رسائی حاصل کی جاسکتی ہے۔ ان مقدمات کی نقول مذکورہ بالا دفاتر سے فریقوں کا پی کرنے کے اخراجات کی نقول اور ٹیکس کے ذریعہ حاصل کی جاسکتی ہے۔
- ذکورہ مقدمات کے بارے میں اعتراضات رجسٹرڈ کر کے ایس ایل ڈی سی کے ساتھ چیف انجینئر (کرسٹل اینڈ آر اے سی) روم نمبر: 149، ایسے بلاک، ٹی جی ٹرانسکو، ویڈیو سٹوڈیو، حیدرآباد۔ 500082 کے ہاں شخصی طور پر داخل کی جاسکتی ہیں یا رجسٹرڈ سٹ کے ذریعہ اس طرح بھیجی جاسکتی ہے کہ وہ 11 اکتوبر 2024 کو یا اس سے قبل 6:00 بجے شام تک پہنچ جائے۔ اس کی کاپی سرکاری ٹرانسمیشن، ٹی جی ای آر سی کو بھی ممبرہ بالا چھ پر ٹیکس کی جاسکتی ہے۔ اعتراضات رجسٹرڈ کر کے اخراجات پر مناسب دیکھنا ہوتی ہے اور اعتراضات رجسٹرڈ کر کے دالے فرم (افراد) کے مکمل نام اور ڈاک کے پتے کا اندراج کیا جاتا ہے۔ اگر اعتراضات رجسٹرڈ کر کے کسی شکیم یا صارفین کے کوئی ذمہ داری جانب سے داخل کئے جارہے ہیں، اس کے بارے میں صاف طور پر وضاحت کی جانی چاہئے۔ اعتراضات رجسٹرڈ کر کے ساتھ اور ریٹ کے طور پر سٹورڈ پل جمان شکم ہونا چاہئے۔

اعتراض کرنے والے کا نام اور مکمل پتہ	اعتراض (اعتراضات) رجسٹرڈ (تجاویز) کی تفصیلات	ٹی جی ٹرانسکو کی جانب سے ایسے آر آر اور فریکوئنسی برنس اور ایس ایل ڈی سی سرگرمیوں کے مجوزہ اخراجات کے بارے میں داخل کردہ اعتراضات	آپا اعتراض کی کاپی اور ٹی جی ٹرانسکو کے دفتر پر ڈیپٹی کے ثبوت کو شکم کیا گیا ہے (ہاں نہ)	آپا اعتراض کرنے والا اصل اسامہ کا نمونہ اشتہا ہے (ہاں نہ)
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4۔ سطح 2 برقی طاقت کی کمیشن 22 اکتوبر 2024 (منگل) کو 10:30 بجے صبح سے ٹی جی ای آر سی کے کورٹ ہال میں سماعت عام کے انعقاد کا ارادہ رکھتا ہے۔  
 مقام: حیدرآباد  
 تاریخ: 20-09-2024  
 صدر کمیشن و چیف ڈائریکٹر، ٹی جی ٹرانسکو  
 شرحہ مختصہ:

**شیڈول I**

ٹرانسمیشن برنس (تربیل کے کاروبار) کیلئے مالیاتی سال 2024-25 تا 2028-29 مجموعی آمدنی کی ضرورت (ایسے آر آر)

سلسلہ نمبر	تفصیلات	FY 2024-25 (n+1)	FY 2025-26 (n+2)	FY 2026-27 (n+3)	FY 2027-28 (n+4)	FY 2028-29 (n+5)
1	کارکردگی و بحالی کے اخراجات	1,489.89	1,600.09	1,708.95	1,883.60	2,047.74
2	کساد پلازائی	681.73	780.71	918.08	1,054.15	1,110.10
3	قرض پر سود اور ٹیکس کے چارجس	971.83	1,109.47	1,244.05	1,388.80	1,518.20
4	ورکنگ کاپائلٹل پر سود	71.50	90.09	99.554	113.69	124.18
5	سادی سس پر منافع	822.12	945.29	1,071.56	1,210.77	1,343.74
6	گلی	-	-	-	-	-
6.1	ٹان - تحریق آمدنی	464.70	515.70	580.46	641.18	651.18
6.2	محلی رسائی کے اخراجات سے آمدنی	-	-	-	-	-
6.3	دیگر کاروبار سے آمدنی	-	-	-	-	-
7	اشفاق	-	-	-	-	-
7.1	سیلنگی مدت کیلئے فروماپ کے اثرات	-582.68	-	-	-	-
8	مجموعی آمدنی کی ضرورت	2,969.68	4,009.95	4,459.72	5,009.83	5,492.77

**شیڈول II**

مالیاتی سال 2024-25 تا مالیاتی سال 2028-29 کیلئے تربیل کی شرحوں اور نقصانات کا احوال

تفصیلات	FY 2024-25 (n+1)	FY 2025-26 (n+2)	FY 2026-27 (n+3)	FY 2027-28 (n+4)	FY 2028-29 (n+5)
تربیل کے کاروبار کا ایسے آر آر (کروڑ روپے میں)	2,969.68	4,009.95	4,459.72	5,009.83	5,492.77
تربیل کی اخراجات کی مصلحت (ایم ڈی بی)	22,590.84	22,359.01	22,276.22	22,131.05	21,606.63
تربیل کے اخراجات (روپے کے ڈیپازٹ)	109.55	149.45	166.83	188.64	211.85
تفصیلات	2024-25 (Proj)	2025-26 (Proj)	2026-27 (Proj)	2027-28 (Proj)	2028-29 (Proj)
تربیل میں نقصان کا راج	+/-0.2	+/-0.2	+/-0.2	+/-0.2	+/-0.2

**شیڈول III**

مالیاتی سال 2024-25 تا مالیاتی سال 2028-29 کیلئے ایس ایل ڈی سی سرگرمی کی مجموعی آمدنی کی ضرورت (ایسے آر آر)

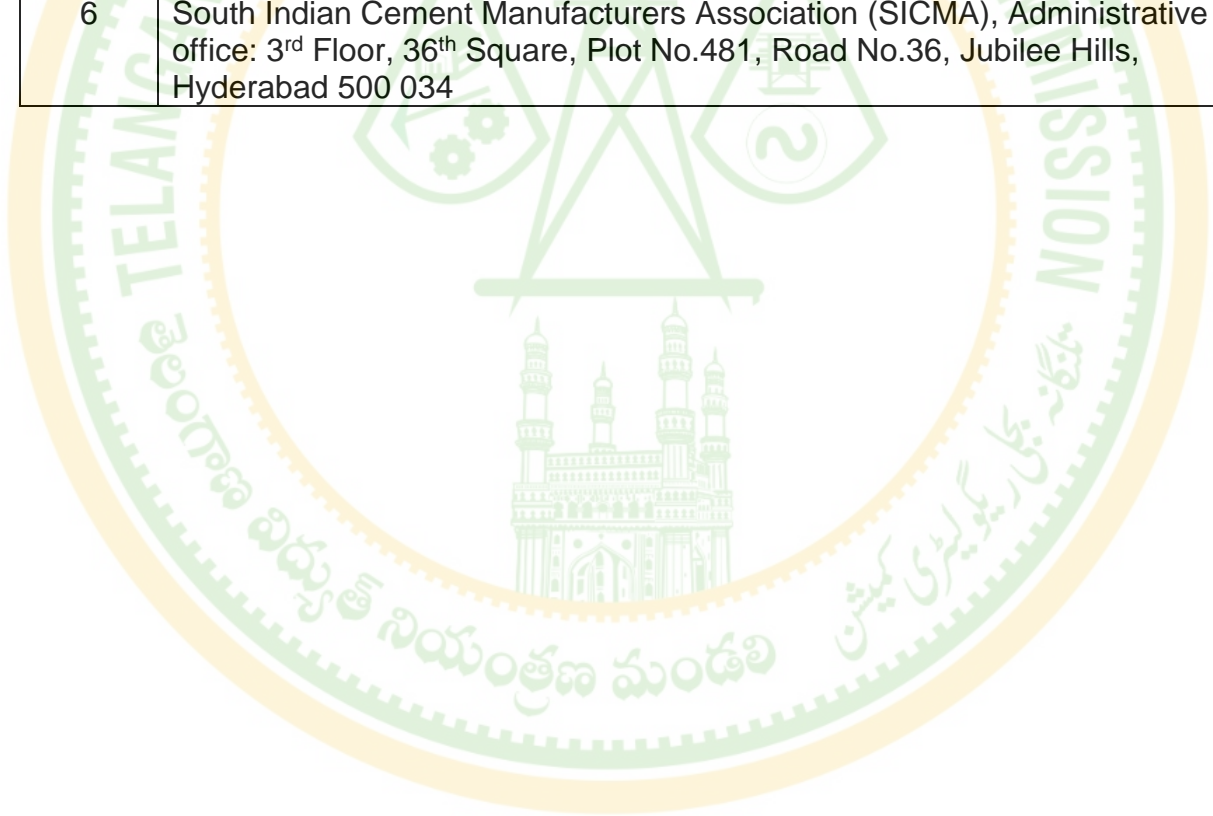
تفصیلات	FY 2024-25 (n+1)	FY 2025-26 (n+2)	FY 2026-27 (n+3)	FY 2027-28 (n+4)	FY 2028-29 (n+5)
تربیل کے کاروبار کا ایسے آر آر (کروڑ روپے میں)	83.59	89.16	110.26	114.08	118.11
تربیل کی اخراجات کی مصلحت (ایم ڈی بی)	23,598.52	23,366.69	23,283.90	23,130.72	22,600.31
تربیل کے کاروبار (روپے کے ڈیپازٹ)	2,951.80	3,179.74	3,946.22	4,109.97	4,355.03

**Annexure-2**  
**List of Stakeholders who submitted written Objections/  
Suggestions**

Sl. No.	Name and Address of the stakeholder
1	Sri Suresh Kumar Singhal, The Federation of Telangana Chambers of Commerce and Industry (FTCCI), Federation House, Federation Marg, 11-6-841, Red Hills, Hyderabad 500 004.
2	Sri Vinod Kumar Agarwal, Telangana Iron & Steel Manufacturers Association (TISMA), Regd. Office: Flat No.101, 1 <sup>st</sup> Floor, Satya Sarovar Apartments, Ghansi Bazar, Near High Court, Hyderabad 500 002.
3	Sri R.K.Agarwal, Telangana Spinning & Textile Mills Association (TSTMA), Srya Towers, 1 <sup>st</sup> Floor, Sardar Patel Road, Secunderabad 500 003.
4	Sri M. Venugopala Rao, Senior Journalist & Convener, Centre for Power Studies H.No.1-100/MP/101, Monarch Prestige, Journalists, Colony, Serilingampally Mandal, Hyderabad 500 032
5	Chief Engineer, TGSPDCL, Corporate office, 6-1-50, 1 <sup>st</sup> floor, Mint Compound, Hyderabad 500 063
6	South Indian Cement Manufacturers Association (SICMA), Administrative office: 3 <sup>rd</sup> Floor, 36 <sup>th</sup> Square, Plot No.481, Road No.36, Jubilee Hills, Hyderabad 500 034

**Annexure-3**  
**List of Stakeholders Who Attended the Public Hearing Held On**  
**22.10.2024**

Sl. No.	Name and Address of the stakeholder
1	Sri Suresh Kumar Singhal, The Federation of Telangana Chambers of Commerce and Industry (FTCCI), Federation House, Federation Marg, 11-6-841, Red Hills, Hyderabad 500 004.
2	Sri Vinod Kumar Agarwal, Telangana Iron & Steel Manufacturers Association (TISMA), Regd. Office: Flat No.101, 1 <sup>st</sup> Floor, Satya Sarovar Apartments, Ghansi Bazar, Near High Court, Hyderabad 500 002.
3	Sri R.K. Agarwal, Telangana Spinning & Textile Mills Association (TSTMA), Srya Towers, 1 <sup>st</sup> Floor, Sardar Patel Road, Secunderabad 500 003.
4	Sri M. Venugopala Rao, Senior Journalist & Convener, Centre for Power Studies H.No.1-100/MP/101, Monarch Prestige, Journalists, Colony, Serilingampally Mandal, Hyderabad 500 032
5	Chief Engineer, TGSPDCL, Corporate office, 6-1-50, 1 <sup>st</sup> floor, Mint Compound, Hyderabad 500 063
6	South Indian Cement Manufacturers Association (SICMA), Administrative office: 3 <sup>rd</sup> Floor, 36 <sup>th</sup> Square, Plot No.481, Road No.36, Jubilee Hills, Hyderabad 500 034



**Annexure-4**  
**Transmission Contracted Capacity For 5<sup>th</sup> Control Period**

Sl. No	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	TGTransco Claimed					Approved				
				2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
<b>(A) Genco Thermal:</b>													
1	KTPS-V	500	453.50	455.00	455.00	455.00	455.00	455.00	453.50	453.50	453.50	453.50	453.50
2	KTPS-VI	500	473.75	462.50	462.50	462.50	462.50	462.50	473.75	473.75	473.75	473.75	473.75
3	KTPS-VII	800	758.00	758.00	758.00	758.00	758.00	758.00	758.00	758.00	758.00	758.00	758.00
4	KTPP-I	500	473.75	462.50	462.50	462.50	462.50	462.50	473.75	473.75	473.75	473.75	473.75
5	KTPP-II	600	568.50	558.00	558.00	558.00	558.00	558.00	568.50	568.50	568.50	568.50	568.50
6	RTS-B	62.5	56.25	56.25	56.25	56.25	56.25	56.25	56.25	-	-	-	-
7	BTPS	1080	988.20	988.20	988.20	988.20	988.20	988.20	988.20	988.20	988.20	988.20	988.20
8	YTPS	4000	3790.00	3744.00	3744.00	3744.00	3744.00	3744.00	3790.00	3790.00	3790.00	3790.00	3790.00
<b>Total Thermal</b>		<b>8042.50</b>	<b>7561.95</b>	<b>7561.95</b>	<b>7484.45</b>	<b>7484.45</b>	<b>7484.45</b>	<b>7484.45</b>	<b>7561.95</b>	<b>7505.70</b>	<b>7505.70</b>	<b>7505.70</b>	<b>7505.70</b>
<b>(B) Genco Hydel:</b>													
1	Srisailem Left Bank HES	900	889.20	889.20	889.20	889.20	889.20	889.20	889.20	889.20	889.20	889.20	889.20
2	NSPH	815.6	807.44	807.44	807.44	807.44	807.44	807.44	807.44	807.44	807.44	807.44	807.44
3	NSLCPH	60	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40
4	Lower Jurala HES	240	237.60	237.60	237.60	237.60	237.60	237.60	237.60	237.60	237.60	237.60	237.60
5	Pulichintala	120	118.80	118.80	118.80	118.80	118.80	118.80	118.80	118.80	118.80	118.80	118.80
6	Priyadarshini Jurala HES	234	115.83	115.83	115.83	115.83	115.83	115.83	115.83	115.83	115.83	115.83	115.83
7	Pochampad PH (I-IV)	36	35.64	35.64	35.64	35.64	35.64	35.64	35.64	35.64	35.64	35.64	35.64
8	Singur	15	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85
9	Nizam Sagar PH	10	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90
10	Mini Hydel (Peddapalli)	9.16	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
11	Palair	2	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98
<b>Total Hydel</b>		<b>2441.76</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>	<b>2299.71</b>
<b>(C) Interstate Hydel</b>													
1	Machkund	84.00	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82

Sl. No	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	TGTransco Claimed					Approved				
				2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
2	Tungabhadra Dam	57.60	30.73	30.73	30.73	30.73	30.73	30.73	30.73	30.73	30.73	30.73	30.73
<b>Interstate Hydel</b>		<b>141.60</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>	<b>75.55</b>
<b>(D) Central Generating Stations</b>													
1	NTPC(SR)-I&II	2100	327.43	327.43	327.43	327.43	327.43	327.43	327.43	327.43	327.43	327.43	327.43
2	NTPC (SR) Stage-III	500	82.79	82.79	82.79	0.00	0.00	0.00	82.79	82.79	0.00	0.00	0.00
3	NTPC Talcher Stage-II	2000	203.54	203.54	203.54	203.54	203.54	203.54	203.54	203.54	203.54	203.54	203.54
4	NLC Stage-I	580	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89
5	NLC Stage-II	790	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43
6	NPC-MAPS	440	19.78	19.78	19.78	19.78	0.00	0.00	19.78	19.78	19.78	0.00	0.00
7	NPC-Kaiga Unit-I&II	440	60.77	60.77	60.77	60.77	0.00	0.00	60.77	60.77	60.77	0.00	0.00
8	NPC-Kaiga Unit-III & IV	440	64.63	64.63	64.63	64.63	0.00	0.00	64.63	64.63	64.63	0.00	0.00
9	NTPC Simhadri Stage-I	1000	507.91	507.91	507.91	507.91	507.91	0.00	507.91	507.91	507.91	507.91	0.00
10	NTPC Simhadri Stage-II	1000	241.89	241.89	241.89	241.89	241.89	241.89	241.89	241.89	241.89	241.89	241.89
11	NTECL Vallur Thermal Power Plant	1500	99.81	99.81	99.81	99.81	99.81	99.81	99.81	99.81	99.81	99.81	99.81
12	NLC Tamilnadu (Tuticorn) Unit-I & Unit II	1000	139.35	139.35	139.35	139.35	139.35	139.35	139.35	139.35	139.35	139.35	139.35
13	Kudigi Unit-I, II & III	2400	262.71	262.71	262.71	262.71	262.71	262.71	262.71	262.71	262.71	262.71	262.71
14	New Neyvelli Thermal Power plant	934	58.07	58.07	58.07	58.07	58.07	58.07	58.07	58.07	58.07	58.07	58.07

Sl. No	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	TGTransco Claimed					Approved				
				2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
15	NLC Exp-I	420	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18
16	NLC Exp-II	500	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06
17	Telangana STPP	1600	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99
18	KKNPP (Kudankulam Nuclear Power Plant) Unit-I	1000	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14
19	KKNPP (Kudankulam Nuclear Power Plant) Unit-II	1000	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10
20	NVVNL Bundled Power (Coal)	45.81	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92
21	NSM Bundled Phase -II	25650	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83
<b>Total CGS</b>		<b>45339.81</b>	<b>3674.22</b>	<b>3674.22</b>	<b>3674.22</b>	<b>3591.43</b>	<b>3446.26</b>	<b>2938.35</b>	<b>3674.22</b>	<b>3674.22</b>	<b>3591.43</b>	<b>3446.26</b>	<b>2938.35</b>
<b>(E) Other Projects</b>													
1	Singareni Thermal Power Plant	1200	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00
3	Thermal Power Tech (Unit-I) (Sembcorp I)	1320	269.45	269.45	269.45	269.45	269.45	269.45	269.45	269.45	269.45	269.45	269.45
<b>Other Projects</b>		<b>3520.00</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>	<b>1400.45</b>
<b>(F) Gas Projects</b>													
1	Vemagiri	370	193.03	193.03	193.03	193.03	193.03	193.03	193.03	193.03	193.03	193.03	193.03
2	Konaseema	444.08	231.83	231.83	0.00	0.00	0.00	231.83	231.83	0.00	0.00	0.00	231.83
<b>Total Gas projects</b>		<b>814.08</b>	<b>424.86</b>	<b>424.86</b>	<b>193.03</b>	<b>193.03</b>	<b>193.03</b>	<b>193.03</b>	<b>424.86</b>	<b>193.03</b>	<b>193.03</b>	<b>193.03</b>	<b>193.03</b>
<b>(G) NCE (Non-Conventional Energy or Renewable Energy)</b>													
1	Solar	6890.74	6890.74	6890.75	6890.75	6890.75	6890.75	6890.75	6890.75	6890.75	6890.75	6890.75	6890.75
2	Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Sl. No	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	TGTransco Claimed					Approved				
				2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
3	Bagasse	55.70	55.70	55.70	55.70	55.70	55.70	39.20	55.70	55.70	55.70	55.70	39.20
4	Industrial Waste	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
5	Mini Hydel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Municipal Solid Waste	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80
7	Wind	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10
8	Non-Solar Total	211.10	211.10	211.10	211.10	211.10	211.10	194.60	211.10	211.10	211.10	211.10	194.60
<b>Total NCEs</b>		<b>7101.84</b>	<b>7101.84</b>	<b>7101.85</b>	<b>7101.85</b>	<b>7101.85</b>	<b>7101.85</b>	<b>7085.35</b>	<b>7101.85</b>	<b>7101.85</b>	<b>7101.85</b>	<b>7101.85</b>	<b>7085.35</b>
<b>TGDISCOMs Contract Demand (in MW)</b>		<b>66401.59</b>	<b>22538.58</b>	<b>22461.09</b>	<b>22229.26</b>	<b>22146.47</b>	<b>22001.30</b>	<b>21476.88</b>	<b>22538.59</b>	<b>22250.51</b>	<b>22167.72</b>	<b>22022.55</b>	<b>21498.13</b>
(H)	<b>LT OA Contracts</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>	<b>129.75</b>
<b>Total Transmission Contracted Capacity (in MW)</b>		<b>66531.34</b>	<b>22668.33</b>	<b>22590.84</b>	<b>22359.01</b>	<b>22276.22</b>	<b>22131.05</b>	<b>21606.63</b>	<b>22668.34</b>	<b>22380.26</b>	<b>22297.47</b>	<b>22152.30</b>	<b>21627.88</b>