

TELANGANA ELECTRICITY REGULATORY COMMISSION 5th Floor, Singareni Bhavan, Red Hills, Lakdi-ka-pul, Hyderabad 500 004

ORDER

ON

ANNUAL PERFORMANCE REVIEW OF DISTRIBUTION BUSINESS FOR FY 2022-23

IN THE SUPPLY AREAS OF

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TGSPDCL)

AND

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TGNPDCL)

07.06.2024

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List of Abbreviations

A&G	Administrative and General
APTransco	Transmission Corporation of Andhra Pradesh Limited
APCPDCL	Andhra Pradesh Central Power Distribution Corporation Limited
APERC	Andhra Pradesh Electricity Regulatory Commission
APNPDCL	Northern Power Distribution Company of Andhra Pradesh Limited
ARR	Aggregate Revenue Requirement
AT&C	Aggregate Technical and Commercial Losses
CAGR	Compound Annual Growth Rate
CC	Consumer Contribution
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
CPI	Consumer Price Index
CT	Current Transformer
CWIP	Capital Work in Progress
DA	Daily Allowance
DE	Divisional Engineer
DISCOM	Distribution Company
DNR	Distribution Network Renovation
DTR	Distribution Transformer
EE	Employee Expenses
FPT (a)	Filing for Proposed Tariff
FRP	Financial Restructuring Plan
FY	Financial Year
G.O.Ms	Government Order (Manuscript)
GFA	Gross Fixed Assets
GHMC	Greater Hyderabad Municipal Corporation
Gol	Government of India
HT	High Tension
HV	High Voltage
HVDC	High Voltage Direct Current
IDC	Interest During Construction
ISI	Indian Standard Institute
JICA	Japan International Cooperation Agency
JLM	Junior Line Man
kV	kilo Volt
LI	Lift Irrigation
LT	Low Tension
LV	Low Voltage
MAT	Minimum Alternative Tax

MSW Municipal Solid Waste MU Million Units MW Mega-Watt MYT Multi Year Tariff NEP National Tariff Policy NTI Non-Tariff Income NTP National Tariff Policy O&M Operation and Maintenance O.P. Original Petition OA Open Access PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement ROCE Return on Capital Employed RoE Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital WPI Wholesale Price Index	MoP	Ministry of Power
MWW Mega-Watt MYT Multi Year Tariff NEP National Tariff Policy NTI Non-Tariff Income NTP National Tariff Policy O&M Operation and Maintenance O.P. Original Petition OA Open Access PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	MSW	Municipal Solid Waste
MYT Multi Year Tariff NEP National Tariff Policy NTI Non-Tariff Income NTP National Tariff Policy O&M Operation and Maintenance O.P. Original Petition OA Open Access PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	MU	Million Units
NEP National Tariff Policy NTI Non-Tariff Income NTP National Tariff Policy O&M Operation and Maintenance O.P. Original Petition OA Open Access PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	MW	Mega-Watt
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NTP National Tariff Policy O&M Operation and Maintenance O.P. Original Petition OA Open Access PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	NEP	National Tariff Policy
O&M Operation and Maintenance O.P. Original Petition OA Open Access PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Resulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	NTI	Non-Tariff Income
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OA Open Access PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	O&M	Operation and Maintenance
PFC Power Finance Corporation PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Transmission Corporation of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	O.P.	Original Petition
PTC Power Trading Corporation PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	OA	Open Access
PTR Power Transformer R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company Company Company Transmission Corporation of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	PFC	Power Finance Corporation
R&M Repairs & Maintenance RBI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	PTC	Power Trading Corporation
REI Reserve Bank of India RE Renewable Energy REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	PTR	Power Transformer
REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	R&M	Repairs & Maintenance
REC Rural Electrification Corporation RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	RBI	Reserve Bank of India
RMI Renovation, Modernisation & Improvement RoCE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	RE	Renewable Energy
RoE Return on Capital Employed RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	REC	Rural Electrification Corporation
RoE Return on Equity RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	RMI	Renovation, Modernisation & Improvement
RRB Regulated Rate Base Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	RoCE	Return on Capital Employed
Rs. Rupees RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	RoE	Return on Equity
RTC Round the Clock S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	RRB	Regulated Rate Base
S/s or SS Sub-Station SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	Rs.	Rupees
SCCL Singareni Collieries Company Limited SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	RTC	Round the Clock
SLDC State Load Despatch Centre STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	S/s or SS	Sub-Station
STU State Transmission Utility TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	SCCL	Singareni Collieries Company Limited
TGERC Telangana Electricity Regulatory Commission TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	SLDC	State Load Despatch Centre
TGNPDCL Northern Power Distribution Company of Telangana Limited TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	STU	State Transmission Utility
TGSPDCL Southern Power Distribution Company of Telangana Limited TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	TGERC	Telangana Electricity Regulatory Commission
TGTransco Transmission Corporation of Telangana Limited VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	TGNPDCL	Northern Power Distribution Company of Telangana Limited
VCB Vacuum Circuit Breaker WACC Weighted Average Cost of Capital	TGSPDCL	Southern Power Distribution Company of Telangana Limited
WACC Weighted Average Cost of Capital	TGTransco	Transmission Corporation of Telangana Limited
0 0	VCB	Vacuum Circuit Breaker
WPI Wholesale Price Index	WACC	Weighted Average Cost of Capital
	WPI	Wholesale Price Index



TELANGANA ELECTRICITY REGULATORY COMMISSION 5thFloor, Singareni Bhavan, Red Hills, Lakdi-ka-pul, Hyderabad 500004

O. P. Nos. 37 and 38 of 2023

Dated 07.06.2024

Present

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

O.P.No.37 of 2023 APR for FY 2022-23
Southern Power Distribution Company of Telangana Limited (TGSPDCL)
O.P.No.38 of 2023 APR for FY 2022-23
Northern Power Distribution Company of Telangana Limited (TGNPDCL)

... Applicants

The Southern Power Distribution Company of Telangana Limited (TGSPDCL) and the Northern Power Distribution Company of Telangana Limited (TGNPDCL) (hereinafter referred to as "Applicants" or "Petitioners" or "TGDiscoms" or "Licensees") has filed Petitions before the Commission on 22.11.2023 for approval of Annual Performance Review (APR) for FY 2022-23.

The Petitions were admitted by the Commission. They came up for public hearing on 13.02.2024 (APR for FY 2022-23), and having stood over for consideration till this day, the Commission, in exercise of its powers under the Electricity Act, 2003 and Regulation No.4 of 2005, adopted by TGERC vide its Regulation No.1 of 2014, and after considering Applicant's submissions, suggestions and objections of the other stakeholders, responses of Petitioners, issues that are raised during the Public Hearing, and all other relevant material, hereby passes the following:

COMMON ORDER Chapter-1 Introduction

1.1 BACKGROUND

- 1.1.1 Telangana Electricity Regulatory Commission (herein referred to as TGERC or the Commission) was constituted by the Government of Telangana (GoT) in terms of the provisions of Schedule XII(C)(3) of the A.P.Reorganisation Act of 2014, read with Section 82 of the Electricity Act, 2003 (Act, 2003) vide G.O.Ms.No.3, (Energy) (Budget) Department Dt:26.07.2014. The Commission came into function with effect from 02.11.2014.
- 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 and Section 62(1) of the Act, 2003 to determine the tariff for (1) supply of electricity by a generating company to a distribution licensee; (2) transmission of electricity; (3) wheeling of electricity; and (4) retail sale of electricity as the case may be within the State of Telangana.
- 1.1.3 The Commission has notified Regulation, viz., Regulation No.1 of 2014, on 10.12.2014 being Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions. Clause 2 of this regulation specifies as follows:

"All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) as in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy(Budget) Department, dt.26-07-2014 constituting the Commission."

1.1.4 In accordance with the above Regulation, all the Regulations framed by the erstwhile Andhra Pradesh Electricity Regulatory Commission (APERC) will continue to apply for the State of Telangana, till further modification. Accordingly, the Regulation No.4 of 2005 notified on 14.11.2005 and its subsequent amendment thereof, as subsisting as on date of constitution of TGERC and in force, shall mutatis-mutandis apply.

1.2 TGDISCOMS

- 1.2.1 TGSPDCL & TGNPDCL: Both the distribution companies viz., Southern Power Distribution Company of Telangana Limited and Northern Power Distribution Company of Telangana Limited were incorporated under the Companies Act, 1956 as a public limited company and have Distribution and Retail Supply of Electricity License (License Nos.13 of 2000 and 14 of 2000 respectively), granted by the Commission (former APERC) under Section 15 of Andhra Pradesh Electricity Reform Act, 1998 effected from 1st April, 2001, all conditions as contained in License shall be deemed to have been specified u/s 16 of the Electricity Act, 2003 as per the Commission (former APERC) notified Regulation No.8 of 2004.
- In terms with Schedule XII to the Andhra Pradesh Reorganisation Act, 2014, which came into effect on 2nd June, a) the Anantapur and Kurnool districts, which fall within the jurisdiction of the APCPDCL have been reassigned to the Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL). Accordingly (2) operating circles of the Licensee viz., Anantapur and Kurnool were demerged and assigned to APSPDCL. b) Likewise, seven (7) Mandals viz., Chintoor, Kunavarm, Vararamachandrapuram, Kukunuru, Velairupadu, Badrachalam (excluding Badrachalam town) and part of Burgampadu (excluding 12 revenue villages) of APNPDCL were transferred to residual State of Andhra Pradesh; on the appointed date i.e., 02.06.2014.
- 1.2.3 Assets and Liabilities of the distribution licensees were bifurcated in terms of Transfer Guidelines issued by united State of Andhra Pradesh in G.O.Ms.No.24, dated 29.05.2014.
- 1.2.4 In pursuant to the provisions of Section 13 and other applicable provisions of Companies Act, 2013 the name of the distribution companies have been

changed from a) APCPDCL to Southern Power Distribution Company of Telangana Limited (TGSPDCL) w.e.f. 27.05.2014 and b) APNPDCL to Northern Power Distribution Company of Telangana Limited (TGNPDCL) w.e.f. 28.05.2014.

1.2.5 The Commission in its order dated 17th March, 2017 in O.P.Nos.3 and 4 of 2017, has allowed the name of the licensee to be the Southern Power Distribution Company of Telangana Limited in place of APCPDCL and the Northern Power Distribution Company of Telangana Limited in place of APNPDCL.

1.3 REGULATORY PROVISIONS

- 1.3.1 The regulatory provisions under the Regulation No.4 of 2005 which deals with the True-up of distribution business are reproduced below:
 - "10. MULTI-YEAR TARIFF FRAMEWORK AND APPROACH
 - 10.1 The multi-year tariff framework shall be based on the following approach, for calculation of aggregate revenue requirement and expected revenue from tariff and charges.
 - Base Year: Values for Base Year of the control period will be determined based on the audited accounts available, best estimate for the relevant years and other factors considered appropriate by the Commission, and after applying the tests for determining the controllable or uncontrollable nature of various items. The Commission will normally not revisit the performance targets even if the targets are fixed on the basis of base values of un-audited accounts.
 - Targets: Targets will be set for items that are deemed by the Commission as "controllable" which constitute operation & maintenance costs, financing costs, and for distribution losses duly adhering to the Licensees' Standards of Performance Regulation. Trajectory for specific variables may be stipulated by the Commission where the performance of the applicant is sought to be improved upon through incentives and disincentives.

10.4 **Controllable and Uncontrollable items of ARR**: The expenditure of the Distribution Licensee considered as "controllable" and "uncontrollable" shall be as follows:

Distribution Business				
ARR Item	"Controllable"/"Uncontrollable"			
Operation & Maintenance expenses	Controllable			
Return on Capital Employed	Controllable			
Depreciation	Controllable			
Taxes on Income	Uncontrollable			
Won-Tariff Income	<u>Controllable</u>			

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Pass-through of gains and losses on variations in "uncontrollable" items of ARR: The Distribution Licensee shall be eligible to claim variations in "uncontrollable" items in the ARR for the year succeeding the relevant year of the control period depending on the availability of data as per actuals with respect of effect of uncontrollable items:

Provided that the Commission shall allow the financing cost on account of the time gap between the time when the true-up becomes dues and when it is actually allowed and the corrections shall not be normally revisited.

- Sharing of gains and losses on variations in "controllable" items of ARR: The Distribution Licensee in its annual filings during the control period shall present gains and losses for each controllable item of the Aggregate Revenue Requirement. A statement of gain and loss against each controllable item will be presented after adjusting for any variations on account of uncontrollable factors.
- 10.7 For the purpose of sharing gains and losses with the consumers, only aggregate gains or losses for the control period as a whole will be considered. The Commission will review the gains and losses for each item of the ARR and make appropriate adjustments wherever required:

10.8 Notwithstanding anything contained in this Regulation, the gains or losses in the controllable items of ARR on account of factors that are beyond the control of the Distribution Licensee – force majeure – shall be passed on as an additional charge or rebate in ARR over such period as may be specified in the Order of the Commission.

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19 CORRECTIONS FOR "UNCONTROLLABLE" ITEMS AND "CONTROLLABLE" ITEMS AND SHARING OF GAINS/LOSSES OF "CONTROLLABLE" ITEMS

The Distribution Licensee shall file its proposals for pass-through as well as sharing of gains/losses on variations in "uncontrollable" items of ARR and "controllable" items (indexed to external parameters) in accordance with the clause 10 of this Regulation."

1.4 PRESENT PETITIONS

1.4.1 TGSPDCL and TGNPDCL have separately filed the instant petitions on 22.11.2023 under Multi-Year Tariff (MYT) principles in accordance with the " (Terms & Conditions for Determination of Tariff for Wheeling and Retail Sale of Electricity) Regulation No.4 of 2005", as adopted by Telangana Electricity Regulatory Commission vide its Regulation No.1 of 2014 and in accordance with the directions of the Commission in ARR & Wheeling Tariff Order dated 29.04.2020 for approval of Annual Performance Review (APR) of FY 2022-23.

1.5 ADMISSION OF PETITIONS

1.5.1 The Original Petitions submitted by TGDiscoms were scrutinised and found to be generally in order as required under (Conduct of Business) Regulations, 2015 (Regulation No.2 of 2015). The Commission admitted the filings and the same were taken on record by assigning the numbers as O.P.No.37 of 2023 & O.P.No.38 of 2023 for TGSPDCL & TGNPDCL respectively.

1.6 DATA GAPS AND APPLICANT'S RESPONSES

1.6.1 During scrutiny, the filings of the Applicants, certain information was found to be deficient in certain aspects. Subsequently, the Applicants submitted the additional information as sought by the Commission. The Commission has considered the original filings and the additional information submitted by the Applicants.

1.7 PUBLIC NOTICE

- 1.7.1 The Applicants, as directed by the Commission, published a Public Notice (Annexure-I) on 02.01.2024 in two (2) Telugu, two (2) English and One (1) Urdu daily newspapers having wide circulation in their area of supply.
- 1.7.2 The Public Notice was to inform the general public and stakeholders that the Applicants have filed before the Commission the Petitions for APR for their Distribution Business for FY 2022-23 and invited objections/suggestions on the filings of the Applicants from all the stakeholders and general public at large on or before 24.01.2024 by 5 pm and also informed that in this regard the Commission shall conduct a Public Hearing on 08.02.2024 from 11:00 hours onwards. The filings along with supporting material have been made available by the Applicant to the public at large including all stakeholders. The Public

Notice, filings and supporting material were also hosted on the websites of the Applicant as well as the Commission.

1.8 EXTENSION AND POSTPONEMENT OF PUBLIC HEARING

1.8.1 The Public Hearing Scheduled on 08.02.2024 at 11:00 hours was postponed and the Public Hearing was rescheduled to 13.02.2024 at 11:00 hours in the Court Hall of TGERC. The same information was posted on the website of the Commission.

1.9 RESPONSE TO PUBLIC NOTICE

- 1.9.1 In response to the Public Notice, objections/suggestions were received from three (3) stakeholders. The details of stakeholders who submitted objections/suggestions is enclosed as **Annexure-II**.
- 1.9.2 The Applicants were directed to give their response in writing to all the written objections received, by 24.01.2024 by sending the same to the respective objector with a copy to the Commission before the scheduled date of Public Hearing. The replies were also posted on the website of the Commission.

1.10 Public Hearing

1.10.1 The Commission has conducted Public Hearing on 13.02.2024. During the Hearing, the Applicant made a brief presentation on the filings and then the Commission heard the stakeholders desiring to be heard. The details of stakeholders who attended the Public Hearing is enclosed at **Annexure-III**.

Chapter-2 Summary of Filings

2.1 APPLICANT'S SUBMISSION

2.1.1 The Applicants have filed the APR Petitions for FY 2022-23. The summary of each of the submissions is detailed below:

2.2 APR FOR FY 2022-23

2.2.1 The summary of APR for FY 2022-23 as claimed by TGSPDCL is as shown in the Table below:

Table 2-1: Summary of APR of FY 2022-23 as claimed by TGSPDCL

Rs. in crore

Particulars	Approved in MYT Order	Actuals	Deviations
Operations & Maintenance expenses	3298.81	3429.81	131.00
Return on Capital Employed	819.74	538.55	(281.19)
Depreciation	1039.90	801.90	(238.00)
Taxes on Income	55.79	0.00	(55.79)
Special appropriations	20.00	5.82	(14.18)
Other Expenditure	0.00	57.03	57.03
Aggregate Revenue Requirement	5234.24	4833.1 <mark>1</mark>	(401.13)
Less: Non-Tariff Income	536.47	481.70	(54.77)
Less: Revenue from OA	45.81	19.26	(26.55)
Net Aggregate Revenue	4651.96	4332.16	(319.80)
Requirement			

^{*} TGSPDCL has wrongly considered O&M Expenses as Rs.3298.81 crore against approved value of Rs.3317.58 crore.

- 2.2.2 TGSPDCL has claimed deviation of (-) Rs.319.80 crore on account of APR for FY 2022-23.
- 2.2.3 The summary of APR for FY 2022-23 as claimed by TGNPDCL is as shown in the Table below:

Table 2-2: Summary of APR of FY 2022-23 as claimed by TGNPDCL

Rs. in crore

Particulars	Approved	Actuals	Deviations
Operations & Maintenance expenses	2582.55	2303.85	(278.70)
Return on Capital Employed	566.92	280.43	(286.49)
Depreciation	568.64	348.89	(219.75)
Taxes on Income	38.58	0.00	(38.58)
Special appropriations	20.00	24.72	4.72
Other Expenditure	0.00	16.54	16.54
Aggregate Revenue Requirement	3776.69	2974.42	(802.27)
Less: Non-Tariff Income	175.46	150.50	(24.96)
Less: Revenue from OA	0.00	2.77	2.77
Net Aggregate Revenue Requirement	3601.23	2821.14	(780.09)

2.2.4 TGNPDCL has claimed deviation of (-) Rs.780.09 crore on account of APR for FY 2022-23.

Chapter-3

Issues Raised by Stakeholder, Responses of Applicant and Commission's View

3.1 OBJECTIONS/SUGGESTIONS MADE ON FILINGS

3.1.1 Three (3) stakeholders have filed objections/suggestions on the Petitions for APR for FY 2022-23. The Applicants have filed replies on the objections/ suggestions received from the stakeholders. For the sake of brevity, the objections/suggestions raised by the stakeholders and responses of the Applicants have been consolidated and summarised issue-wise. The Commission has concluded all the objections/suggestions of the stakeholders made in writing as well as during the course of Public Hearing and the responses to them by the Applicants. In the subsequent Chapters of this Order, the Commission has taken into consideration, the objections/suggestions of the stakeholders and replies of the Applicants for analysis and conclusion on APR for FY 2022-23.

3.2 O&M Costs

Stakeholders' Submissions

- 3.2.1 TGNPDCL has claimed Rs.278.70 crore less net O&M expenditure compared to the quantum approved by the Commission during the FY 2022-23 and Rs.387.13 crore less employee costs than that approved by the Commission.
- 3.2.2 Further, TGSPDCL has reported Rs.131 crore higher net O&M expenditure compared to the quantum approved by the Commission including higher employee costs to the extent of Rs.81.16 crore. TGSPDCL attributed this higher O&M costs to revision of pay scales in 2022.
- 3.2.3 As both the DISCOMs present contrasting picture in the case of O&M costs the same needs to be subjected to scrutiny to understand the underlying factors contributing to these differences.

Applicant's Response

3.2.4 The TGSPDCL has not made any provision towards pension benefits in FY 2021-22 and the same has been incorporated in FY 2022-23. The increase in Employee Cost for TGSPDCL (as part of O&M cost) includes Pension benefits and Staff welfare expenses as per the Actuarial Valuation Report.

TGSPDCL has also provided Pension & Gratuity in respect of employees who were on rolls as on 31.01.1999 in the ratio of 26% as per Tripartite Agreement for an amount of Rs.556.81 crore and the Staff Welfare Expenses include provision for Medical Expenses (reimbursement) to an extent of Rs.173.21 crore on the basis of Actuarial Valuation Report and comments given by C&AG Audit. This led to increase in Employee cost, in turn the Gross O&M expenses over approval by the Commission.

Commission's View

3.2.5 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission has examined the issue in detail in subsequent Chapters of this Order.

3.3 CAPITAL EXPENDITURE

Stakeholders' Submissions

- 3.3.1 Both the TGDiscoms reported lower capital expenditure than that approved by the Commission during the FY 2022-23. While TGNPDCL reported Rs.286.49 crore less return on capital employed (RoCE) and TGSPDCL reported Rs.281.19 crore less RoCE than approved by the Commission during this period. Similarly, TGNPDCL reported Rs.219.75 crore less depreciation and TGSPDCL reported Rs.238 crore less depreciation than approved by the Commission for the FY 2022-23.
- TGDISCOMS attributed this to less capitalisation in fixed assets compared to the approved numbers. From their filings it is not clear to what extent this was due to price factors and to what extent due to under achievement in installing sub-stations, DTRs and laying distribution lines. The Stakeholder requested the Commission to direct TGDiscoms to provide comparative information on erection of sub-stations, DTRs and laying distribution lines. While lower capital expenditure during the year may appear like savings actually it may represent inefficient execution of capital assets.

Applicant's Response

3.3.3 TGSPDCL has provided the scheme wise comparative statement of sanctioned budget to be incurred towards Capital Expenditure and Capitalised during FY 2022-23 in Annexure-IV which is made available in TGDiscom's website. Further, as per accounts Rs.1206.97 crore is Capital Works in Progress (CWIP). If the CWIP turned into Capitalisation, the total capitalisation amount will be approximately 90% of the approved amount of Capitalisation for FY 2022-23 by the Commission.

Commission's View

3.3.4 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission has examined the issue in detail in subsequent Chapters of this Order.

3.4 Special appropriation for safety measures

Stakeholders' Submissions

- 3.4.1 The Commission allowed each DISCOM to spend Rs.20 crore towards safety measures under special appropriation to bring down the number of electrical accidents. TGSPDCL reported that it has spent Rs.5.82 crore towards safety measures, whereas TGNPDCL has shown Rs.24.72 crore opposite special appropriation. But this included Compensation paid towards electrical accidents and no division is shown between safety measures and compensation paid. TGSPDCL has claimed Rs.19.76 crore towards Compensation.
- 3.4.2 Further, both DISCOMs did not report the number of fatal accidents covered under Compensation. The list of measures taken for safety does been provided. To assess the ground situation a third-party safety audit of electrical installation needs to be taken up. The unspent amount under special appropriation may be used for this purpose.

Applicant's Response

- 3.4.3 The measures taken by TGSPDCL towards safety measures includes:
 - i. Erection of intermediate poles for proper clearance
 - ii. Providing of Earthing
 - iii. Providing of fencing
 - iv. Reconstruction of Damaged DTR plinth
 - v. Plinth Raisings
 - vi. Providing of SMC Distribution boxes
 - vii. Providing of foot Cross arms
 - viii. Rectification of DTR structure
 - ix. Replacement of damaged AB cable

- x. Providing of safety materials viz. Gum boots, Helmets, Safety belt, Earth rods, Gloves etc.
- 3.4.4 The part of the expenditure incurred towards safety measures stated for the works mentioned above is covered in the R&M expenditure and the amount shown towards Special Appropriation for an amount of Rs.5.82 crore is incurred towards safety equipment provided to workmen.
- 3.4.5 Due to the above measures implemented by TGSPDCL, there is a significant reduction in the number of Fatal and Non-Fatal Accidents of Humans and Animals when compared with the previous year and reduction in the Ex-gratia amount by Rs.2.42 crore. The comparative data is tabulated below:

Financial Year		ccidents Nos.	Non-Fatal Accidents	Exgr <mark>at</mark> ia Paid (Rs.in Crs.)
2021-22	264	865	47	22.18
2022-23	235	648	34	19.76
Variance	29	217	13	2.42

Commission's View

3.4.6 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission has examined the issue in detail in subsequent Chapters of this Order.

3.5 REVENUE SURPLUS

Stakeholders' Submissions

3.5.1 TGSPDCL and TGNPDCL have shown a revenue surplus of Rs.319.80 crore and Rs.780.09 crore respectively. Though TGSPDCL has maintained that the revenue surplus includes carrying cost, the latter is not shown separately in its data. TGNPDCL has not made it clear whether carrying cost is included or not in the revenue surplus. From the claims of the DISCOMs that they have incurred a huge loss for the year 2022-23, TGSPDCL Rs.8147.48 crore and TGNPDCL Rs.2955.96 crore, it is clear that the revenue surplus shown by them for the same FY is not on account of any improvement in efficiency in their performance. The expenditures approved by the Commission and actual expenditures incurred by DISCOMs confirm that the latter could not spend the approved investments for the intended purposes of strengthening and expanding their distribution network. Further, the investments proposed by DISCOMs and approved by the Commission are unrealistic and inflated. The

DISCOMs have collected Rs.1099.89 crore more than what was permissible for FY 2022-23 from the consumers and the same has to be trued-down with carrying cost. It also confirms the tendency on the part of the licensees to inflate requirement of capital investment so as to collect more charges from the consumers than what are permissible as per actual expenditures incurred and investments capitalized.

of the 4th control period shows that they have been collecting excessive revenue from the consumers for their distribution business, without any justification and retaining the same for a period of five years of the control period. This makes the need and justification for arrangement of MYT questionable.

Applicant's Response

- 3.5.3 The revenue surplus of Rs.319.80 crore is purely by considering the Distribution Cost components only for FY 2022-23, whereas, the losses shown for an amount of Rs.8,147.48 crore are on account of increase in Power Purchase Cost and ISTS Transmission charges. Thus, the comparison of Revenue surplus in Distribution ARR with the Net Discom's losses is not relevant.
- 3.5.4 In FY 2022-23, TS Discoms have not taken up any major schemes involving heavy financial investment as per proposals of licensee and approved by Hon'ble ERC on the verge of completion of earlier schemes. Hence, the investments capitalized by the TGSPDCL is lower than the amount approved by the Commission.
- 3.5.5 TGSPDCL has been collecting revenue for Distribution Business strictly in accordance with the MYT Order for 4th Control Period dated 29.04.2020. Further, the item wise reasons that led to the surplus was explained in the petitions filed before the Commission.

Commission's View

3.5.6 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission has examined each component of ARR in detail in subsequent Chapters of this Order.

3.6 INVESTMENTS PROPOSED

Stakeholders' Submissions

3.6.1 The Stakeholder submitted that if the investments proposed by DISCOMs and approved by the Commission are realistic and actually required for maintenance, expansion and strengthening of the distribution network, then the under-performance of DISCOMs confirms that the distribution network is strengthened and expanded inadequately and that there is deficiency in the network.

Applicant's Response

- 3.6.2 The investment proposed by TGDiscoms are based on projected load growth.

 However, the actual demand varies based on the requirement. Hence expansion and strengthening the Distribution Network was restricted to the requirement.
- 3.6.3 The Commission has approved the filings made by the Licensee after considering the Objections from the concerned Stakeholders and after conducting the Public Hearing with all the stakeholders and justification provided by TGSPDCL before approving the Distribution ARR.

Commission's View

3.6.4 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission has approved the investment requirement only after carrying out the due diligence and prudence check of the necessity of investment in the future to cater the increasing demand of the consumers.

3.7 O&M EXPENSES

Stakeholders' Submissions

3.7.1 The investments made by TGSPDCL for 2022-23 is less by Rs.911.68 crore and capitalization less by Rs.727.25 crore. Regulated rate base came down by Rs.228.30 crore and return on equity by Rs.281.91 crore. In the case of TGNPDCL, new investments made came down by Rs.1060.48 crore and capitalization by Rs.1086.26 crore. Regulated rate base came down by Rs.2389.55 crore and return on capital employed by Rs.286.49 crore. Despite such lesser expenditure and lesser capitalization, TGSPDCL has shown an

increase by Rs.131 crore in O&M expenditure, while TGNPDCL has shown a decrease in O&M expenditure by 278.70 crore. It is to be noted that O&M expenditure as approved by the Commission was on the basis of the capital investment and capitalization of assets as approved by it. In other words, the increase in O&M expenditure shown by TGSPDCL is questionable, both in relative and absolute terms.

3.7.2 TGSPDCL has mentioned that the reasons for exceeding O&M expenses for the year 2022-23 are mainly salaries, wages and other employee costs: whereas administrative and general costs including legal charges, audit fees, and taxes and repairs and maintenance costs have come down compared to what were approved by the Commission. These factors do apply to TGNPDCL also, may be, with a difference in degree. Hence, these claims of TGSPDCL need to be subjected to strict prudence check.

Applicant's Response

- 3.7.3 The increase in Employee expenses (viz., pension benefits) is the contributing factor for increase in O&M expenses of TGSPDCL. As per the Actuarial Valuation Report, TGSPDCL has provided for Pension & Gratuity in respect of employee who were on rolls as on 31.01.1999 in the ratio of 26% as per Tripartite Agreement for an amount of Rs.556.81 crore and the Staff Welfare Expenses includes provision for Medical Expenses (reimbursement) to an extent of Rs.173.21 crore on the basis of Actuarial Valuation Report and comments given by C&AG audit. This led to increase in the Employee cost in turn the Gross O&M expenses over approval by the Commission.
- 3.7.4 Further, TGSPDCL has an amount of Rs.1.206.97 crore as Capital Works in Progress (CWIP). If the CWIP turned into Capitalisation, the total capitalisation amount will be approximately 90% of the approved amount of Capitalisation for FY 2022-23 by TGERC.
- 3.7.5 In regards to the claim of TGSPDCL of exceeding O&M expense, the Applicant has submitted that the data considered in the filings of APR is based on the Audited Annual accounts of TGSPDCL for FY 2022-23.

Commission's View

3.7.6 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscom's. The Commission has examined the issue of O&M expense and capitalization in detail in subsequent Chapters of this Order.

3.8 OTHER EXPENDITURE

Stakeholders' Submissions

3.8.1 The Commission did not approve any expenditure under "other expenditure," TGSPDCL has claimed other expenditure of Rs.57.03 crore for FY 2022-23. It includes price variation of Rs.34.69 crore. If there is price variation, it should be shown under heads of expenses approved by the Commission, with necessary explanation and justification for the same. Similarly, TGSPDCL has shown Compensation of Rs.19.76 crore, without explaining to whom such Compensation was paid and for what purpose. For asset scrap, it has shown an expenditure of Rs.2.58 crore, without explaining how such an expenditure was necessitated, even while showing a revenue accrual of Rs.16.21 crore on sale of scrap. Similarly, TGNPDCL has shown other expenditure of Rs.16.54 crore under cost variation of materials, without explaining for which materials such a variation has arisen and what is the necessity to show such a variation under other expenditure, instead of clubbing it with the cost of such materials.

Applicant's Response

The Applicant submitted that in terms of purchase order, the prices will be stated as 'variable', which are fixed by taking a base price index for the raw material as per IEEMA Indices communicated monthly and specifies the price variation formula for calculating the amount of price variation admissible. After the completion of supply of materials as per purchase order, the suppliers will submit their claim for price variation. The proposals for Price Variation from suppliers were received after capitalisation and it is not possible to apportion the price variation amount to materials after capitalisation. Hence, the price variation amount of Rs.34.69 crore by TGSPDCL were claimed under other expenditure.

Commission's View

3.8.3 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission approved the investment requirement or capitalisation only after carrying out the due diligence and prudence check.

3.9 TARIFF HIKE

Stakeholders' Submissions

- The Commission has been determining annual revenue requirement of the 3.9.1 DISCOMs, and their revenue gap is being bridged with cross subsidy, subsidy from the government and tariff hike. Furthermore, variations in revenue requirement are being allowed under uncontrollable factors as true-up and true-down. Revenue gap that arises as a result of supplying power to agriculture LT-V exceeding the quantum determined by the Commission is being allowed to be recovered as additional subsidy from the government. When such is the case, then what is the basis for DISCOMs claiming a hefty loss of Rs.8147.48 crore by TGSPDCL and Rs.2955.96 crore by TGNPDCL, that, too, for just one financial year? If the claimed losses include dues from the government and consumers, both governmental and non-governmental, they should be treated as revenue to be collected, not as losses. DISCOMs have shown such hefty losses, without even explaining the reasons for incurring the same and without claiming them under true-up, shows that they are a result of their inefficiency and impermissible. Without explaining and understanding the reasons for losses, even for the DISCOMs, it is difficult to take effective steps to prevent recurrence of such losses in future by taking necessary remedial measures in time.
- 3.9.2 An effective prudence check by the Commission of the claimed variations in expenditure and revenue of the TGDiscoms for the year 2022-23 would reveal what is permissible and what is impermissible. It may result in higher revenue surplus by virtue of expenditures not incurred by the DISCOMs. The Stakeholder requested the Commission to be trued-down the ARR and allow the same with carrying cost to be deducted from the monthly power bills of consumers.

Applicant's Response

- 3.9.3 There is no provision to claim additional subsidy from the Government for supplying power to Agriculture LT-V exceeding the quantum determined by the Commission. TGDiscoms submitted that the claimed losses (Rs.8147.48 crore for TGSPDCL & Rs.2955.96 crore for TGNPDCL) do not include the dues from the Government.
- 3.9.4 The revenue surplus of Rs.319.80 crore is purely by considering the Distribution Cost components only for FY 2022-23, whereas, the losses shown for an amount of Rs.8,147.48 crore are on account of increase in Power Purchase Cost and ISTS Transmission charges. Hence, the comparison of Revenue surplus in Distribution ARR with the Net Discom's losses is not relevant.
- 3.9.5 The Loss projected in the Audited Financial Accounts is arrived by considering each and every component viz., Costs & Revenues of TGDiscoms transacted during FY 2022-23. The losses depicted in the financials of TGDiscoms are based on Audited Accounts only and the item wise analysis of loss incurred is provided in the Audited Financial Reports. Further, the major reasons for increase in cost are hike in Power Purchase cost from Central Generating stations on account of higher imported coal prices, hike in PGCIL charges, on accounts of the Mid Term True-up Order of TGGENCO plants etc.

Commission's View

The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission has allowed each component of the ARR as per Regulations after prudence check.

3.10 COMPENSATION

Stakeholders' Submissions

3.10.1 The Stakeholder submitted that compensation head is deviating to that much besides, compensating DISCOM not voluntarily compensating for non-complying Guaranteed SOP timelines, though directed for automatic payments as per Clause 13 of Electricity (Rights of Consumer) Rules 2020 and as per Clause 6 under Schedule II of Regulation 5 of 2016 Licensees Standards of Performance. Even DISCOMs failed to implement/adopt Clause 16(4)(b) of Electricity (Rights of Consumer) Rules 2020.

Applicant's Response

3.10.2 The Compensation awarded by the Redressal Forum for non-compliance of SoP timelines were already paid by TGSPDCL.

Commission's View

3.10.3 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission directs the Appellants to ensure payment of compensation as per Clause 6 under Schedule II of Regulation 5 of 2016 Licensees Standards of Performance.

3.11 CONSUMER COMPLAINTS

Stakeholders' Submissions

3.11.1 The consumer complaints reaching CGRFs and Vidyut Ombudsman is almost negligible when compared to DISCOMs consumer base. On average not even one (1) complaint a day is registered voluntarily at FORUMs and not even one (1) appeal a week at Ombudsman.

Applicant's Response

3.11.2 The TGSPDCL has made a provision for registration of consumer Grievances through online portal of DISCOM's website in addition to the existing mode of registration of Grievances. The TGSPDCL is committed to provide better services to all consumers.

Commission's View

3.11.3 The Commission has taken note of the submissions of the stakeholders and replies of TGDiscoms. The Commission directs the TGDiscom's to increase awareness among the consumers for effective operation of CGRFs and Vidyut Ombudsman to address the grievances of consumers in effective, efficient and timely manner.

Chapter-4 Analysis and Conclusions on APR for FY 2022-23

4.1 ANNUAL PERFORMANCE REVIEW FOR FY 2022-23

- 4.1.1 In accordance with the Commission's directive issued in its order dated 29.04.2020 on ARR & Wheeling Tariffs for Distribution Business for 4th control period, TGDiscom's have filed their petitions for Annual Performance Review for FY 2022-23.
- 4.1.2 The Applicant's submissions and the Commission's analysis on each item of ARR is detailed below:

4.2 OPERATION AND MAINTENANCE (O&M) EXPENSES Applicant's Submissions

4.2.1 The O&M expenses approved by the Commission in MYT Order dated 29.04.2020 vis-à-vis actuals as claimed by TGDiscom's for 4th control period is as shown in the Table below:

Table 4-1 Operation and Maintenance Expenses claimed for FY 2022-23
Rs. In Crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR	Claimed Deviations
TGSPDCL		<i>F</i>	30 3
Employee Cost	3097.72	3178.88	81 <mark>.16</mark>
A&G cost	223.88	211.94	- <mark>11.</mark> 94
R&M Cost	177.89	154.00	<mark>-23</mark> .89
O&M Expenses (Gross)	3499.49*	3544.82	45.33*
Less: O&M Expenses	200.68	115.01	-85.67
Ca <mark>pitalize</mark> d	5-4-060	0	
O&M Expenses (Net)	3298.81*	3 <mark>429.81</mark>	131.00*
TGNPDCL			
Employee Cost	2484.05	2096.92	-387.13
A&G cost	128.34	141.18	12.85
R&M Cost	127.44	116.44	-11.00
O&M Expenses (Gross)	2739.83	2354.54	-285.28
Less: O&M Expenses	157.28	50.70	-106.58
Capitalized			
O&M Expenses (Net)	2582.55	2303.85	-278.70

^{*} TGSPDCL has wrongly considered the approved O&M Expenses.

- 4.2.2 TGSPDCL submitted that O&M expenses are higher than those approved by the Commission by Rs.131.00 crore for FY 2022-23 of 4th Control period. The deviations in O&M expenses (actuals against approved) are due to following reasons:
 - Employee Cost: There was significant increase in actual Employee cost for FY 2022-23 from previous year FY 2021-22 due to revision of pay scales 2022 (RPS 2022) which is payable with effect from 01.04.2022.
 - Administrative and General expenses (A&G): The Administration & General expenses have increased from previous FY 2021-22 by Rs.36.48 crore due to increase in consultancy charges, contract labour charges, electricity charges, professional charges, other expenses etc.
 - Repair & maintenance expenses: The Repair & maintenance expenses have reduced by Rs.0.54 crore in FY 2022-23 compared to previous year which is shown below:

Particulars	FY 2022-23	FY 2021-22
Repairs to buildings & Civil works	5.81	8.90
Repairs to Plant & Machinery	141.77	137.63
Repairs to Vehicles	1.9	2.1
R&M – Others	6.42	7.72
Total	155.9	156.44

- Capitalization of O&M expense: The actual O&M expenses capitalised is Rs.115.01 crore against amount of Rs.200.68 crore and the deviation is Rs.(85.67) crore.
- 4.2.3 TGNPDCL submitted that O&M expenses are lower than approved by Commission by Rs.278.70 crore for FY 2022-23 of 4th Control Period.

Commission's View

4.2.4 As regards O&M expenses, clause 14 of the Regulation No.4 of 2005 stipulates as under:

"14. OPERATION AND MAINTENANCE COSTS

- 14.1 Operation and Maintenance (O&M) costs shall comprise the following:
 - a) Operation and Maintenance (O&M) costs shall comprise the following:
 - b) Salaries, wages and other employee costs;

- c) Administrative and General costs;
- d) Repairs and maintenance, and
- e) Other miscellaneous expenses, like legal charges, audit fees, lease charges, rent, rates and taxes, etc.
- The Distribution Licensee in its filings for the Control Period shall submit the consolidated O&M expenses for the Base Year of the Control Period, and two years preceding the Base Year. The O&M expenses for the Base Year shall be determined based on latest audited accounts, best estimates of Distribution Licensee of actual O&M expenses for relevant years and other factors considered relevant. The O&M expenses for the Base Year, if required, will be used for projecting the expenses for each year of the Control Period.
- 14.3 The composite O&M expenses permissible towards revenue requirement for each year of the Control Period shall be determined, by using pre-determined norms or formulae for this purpose. These norms or formulae shall be determined by the Commission based on Distribution Licensee's submission in this regard, previous years actual expenses and any other factors considered relevant by the Commission."
- 4.2.5 Clause 14.3 of the Regulation No.4 of 2005 stipulates that O&M expenses for each year of the control period shall be determined by using pre-determined norms or formulae based on the Distribution Licensee's submissions, previous years actual expenses and any other factors considered relevant by the Commission.
- 4.2.6 In the MYT Order dated 29.04.2020 for 4th control period, the Commission has specified the methodology of determining the norms of O&M expenses and fixed the norms for Employee expenses, A&G expenses and R&M expenses.
- 4.2.7 The Commission has computed the Employee Expenses and A&G Expenses based on the above approved norms using the actual number of substations, line lengths, number of DTRs and number of consumers furnished by TGDiscom's.

- 4.2.8 Further, the Commission has examined the actual O&M expenses for FY 2022-23 as per audited accounts.
- 4.2.9 The Commission observed that overall O&M expenses (actual value) claimed by TGDiscom's is less than normative value of O&M Expenses computed by the Commission.
- 4.2.10 In view of the above, the Commission hereby approves the O&M expenses on actuals as per audited accounts for FY 2022-23 as given in table below:

Table 4-2: O&M expenses claimed and approved for FY 2022-23

Rs.in crore

	ZWIUI		0 / // //		RS.III CIOIE
Particulars	Approved in MYT Order dated 29.04.2020	Claimed in APR	Normative computed by Commission	Actuals as per Audited Account	Approved
TGSPDCL					
Employee Cost	3097.17	3178.88	3205.14	31 <mark>78</mark> .88	3178 <mark>.8</mark> 8
A&G cost	223.88	211.94	231.68	210.04	210.04
R&M Cost	197.22	154.00	192.04	155. <mark>9</mark> 0	155.9 <mark>0</mark>
O&M Expenses (Gross)	3518.26	3544.82	3628.86	3544. <mark>8</mark> 2	3544.8 <mark>2</mark>
Less: O&M Expenses Capitalized	200.68	115.01	-	115.01	115. <mark>01</mark>
O & M Expenses (Net)	3317.58	3429.81	-	3429.81	34 <mark>29.</mark> 81
TGNPDCL	***		111	73.3	
Employee Cost	2483.67	2096.92	2200.90	2096.92	2096.92
A&G cost	128.59	141.18	113.95	141.18	141.18
R&M Cost	127.57	116.44	107.67	1 <mark>16.4</mark> 4	116.44
O&M					
Expenses (Gross)	2739.83	2354.54	2422.52	2354.54	2354.54
Less: O&M Expenses Capitalized	157.28	50.70	-	50.70	50.70
O & M Expenses (Net)	2582.55	2303.85	-	2303.84	2303.84

4.3 DEPRECIATION

Applicant's Submissions

4.3.1 The depreciation expenses for FY 2022-23 approved by the Commission vis-à-vis actual submitted along with the deviations is given in the table below:

Table 4-3: Depreciation Claimed for FY 2022-23

Rs. In Crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR	Claimed Deviations
TGSPDCL	V RECITY		
Depreciation during the year	1039.90	801.90	(238.00)
TGNPDCL		97973	
Depreciation during the year	568.64	348.89	(<mark>21</mark> 9.75)

Commission's View

4.3.2 As regards depreciation, clause 17 of the Regulation No.4 of 2005 stipulates as

"17. **DEPRECIATION**

- 17.1 Depreciation shall be computed in the following manner:
- For each year of control period, depreciation shall be calculated on the amount of Original Cost of the Fixed Assets included in the RRB at the beginning of each year of control period:
 - Provided that depreciation on assets funded by consumer/user contributions or through any capital subsidy/grant etc shall not be allowed in the revenue requirement of the Transmission Licensee.
- Depreciation allowance for each year of control period shall be determined, generally based on the methodology, rates and other terms as decided by CERC from time to time.
- 17.3 Depreciation shall be charged from the 1st April of the following year from the date the asset is put to use."
- 4.3.3 The Clause 17 of Regulation No.4 of 2005 stipulates that depreciation shall be calculated on the amount of original cost of fixed assets included in RRB at the beginning of each year of the control period based on the methodology, rates and other terms and decided by CERC from time to time.

- 4.3.4 The Applicant has claimed that the depreciation was calculated considering the rates of depreciation as notified in CERC (Terms and Conditions of Tariff) Regulations, 2019. The closing value of GFA(excluding grants under UDAY) of FY 2021-22 approved in APR order dated 26.05.2023 has been considered as equal to the opening value of GFA for FY 2022-23. The Commission has computed the depreciation considering the approved opening GFA for FY 2022-23 and the depreciation rate on actuals as per audited accounts.
- 4.3.5 The depreciation claimed by TGDiscoms and approved by the Commission for FY 2022-23 is as given in table below:

Table 4-4: Depreciation claimed and approved for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Claimed in APR	Approved
TGSPDCL		1 .	
Depreciation during the year	1039.90	801.90	771.9 <mark>5</mark>
TGNPDCL	$\Delta K(\omega)$) E	603
Depreciation during the year	568.64	348.89	334.86

4.4 RETURN ON CAPITAL EMPLOYED (ROCE)

Applicant's Submissions

4.4.1 The Return on Capital Employed (RoCE) for FY 2022-23 approved by the Commission vis-a-vis on actuals incurred along with the deviations is given in the table below:

Table 4-5: Return on Capital Employed (ROCE) Claimed for FY 2<mark>02</mark>2-23

Rs. In Crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR	Claimed Deviations
TGSPDCL	ALL .		
RoCE	819.74	538.55	-281.19
TGNPDCL			
RoCE	566.92	280.43	-286.49

Commission's View

- 4.4.2 The computation of RoCE is in accordance with Regulation No.4 of 2005 and the parameters were verified with the books of accounts.
- 4.4.3 The Commission observed that the deviations in Regulated Rate Base (actuals against the MYT approved) is due to following reasons:

- TGDiscom's has considered the values as per audited accounts instead of True-up values in the past True-up Order;
- ii) The actual capitalisation of fixed assets is less than approved values in MYT Order.
- 4.4.4 The Commission has recomputed the ROCE considering the following:
 - i) Considered the Opening Assets base for FY 2022-23 equal to approved True-up closing asset base for FY 2021-22;
 - ii) Considered the Opening Accumulated Depreciation for FY 2022-23 equal to approved True-up Accumulated Depreciation till FY 2021-22;
 - to True-up closing Consumer Contribution for FY 2022-23 equal to True-up closing Consumer Contribution for FY 2021-22;
 - iv) Grants under UDAY Scheme;
 - v) Capitalisation for FY 2022-23 on actuals as per audited accounts and approved in this Order;
 - vi) Depreciation for FY 2022-23 as approved in this Order;
 - vii) Working capital equivalent to 1/12th of approved net O&M expenses for FY 2022-23;
 - viii) WACC computed based on the actual cost of Debt and cost of equity as per Regulations.
- 4.4.5 The RoCE for FY 2022-23 claimed by the Applicant and approved by the Commission based on the above methodology is as shown in the Table below:

Table 4-6: ROCE claimed and approved for FY 2022-23 for TGSPDCL

Rs.in crore

Particulars	Approved in MYT Order	Claimed in APR Petition	Approved in APR Order
Regulated Rate Base			
Original Cost of Fixed Assets at the beginning of the year	-	19014.96	18990.04
Accumulated Depreciation at the beginning of the year		6284.69	5019.71
Consumer Contribution at the beginning of the year		7668.59	7664.97

Particulars	Approved in MYT Order	Claimed in APR Petition	Approved in APR Order
Grants under UDAY		_	685.38
Scheme			
Regulated Rate Base		5061.68	5619.98
Change in Rate Base			
Investments capitalised during the year		1424.71	1417.93
Depreciation during the year		473.74	771.95
Consumer Contribution addition during the year	Y REGU	1291.43	1291.43
	ARREST AND ADDRESS OF THE PARTY	77/0.73	
Change in Rate Base		-170.23	-322 .72
Working Capital			
O&M expenses		285.82	285 <mark>.82</mark>
Working Capital	-4-	285.82	285.82
Regulated Rate Base for RoCE	7529.17	5177.27	5583.07
Weighted Average Cost of Capital	10.89%	10.40%	10.40%
Retu <mark>rn</mark> on Capital Emp <mark>lo</mark> yed	819.74	538.55	580.77

Table 4-7: ROCE claimed and approved for FY 2022-23 for TGNPDCL

Rs.in crore

			NS.III CIOIE
Particulars	Approved in MYT Order	Claimed in APR Petition	Approved in APR Order
Regulated Rate Base			J. 3
Original Cost of Fixed Assets at the beginning of the year		9054.74	9038 <mark>.97</mark>
Accumulated Depreciation at the beginning of the year		4603.28	3 <mark>85</mark> 6.24
Consumer Contribution at the beginning of the year	- 4-042	1784.69	2367.02
Grants under UDAY Scheme	9 2000	-	345.95
Regulated Rate Base		2666.77	2469.77
Change in Rate Base			
Investments capitalised during the year		547.85	547.85
Depreciation during the year		338.07	334.86
Consumer Contribution addition during the year		252.24	252.24
Change in Rate Base		-21.23	-19.63
Working Capital			
O&M expenses		191.99	191.99
Working Capital		191.99	191.99

Particulars	Approved in MYT Order	Claimed in APR Petition	Approved in APR Order
Regulated Rate Base		2837.52	2642.13
Weighted Average Cost of Capital		9.88%	9.89%
Return on Capital Employed	566.93	280.43	261.19

4.5 Taxes on Income

Applicant's Submissions

- 4.5.1 TGDiscoms submitted Tax on Income as 'Nil' for FY 20220-23. TGDiscom's further added that TGSPDCL and TGNPDCL has incurred a loss of Rs.8147.48 crore and Rs.2955.96 crore respectively due to which TGDiscom's has not paid any tax for FY 2022-23.
- 4.5.2 The Tax on Income for FY 2022-23 approved by the Commission vis-a-vis on actuals incurred along with the variations is given in the table below:

Table 4-8: Taxes on Income claimed for FY 2022-23

Parti <mark>c</mark> ulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR	Claimed Deviations
TGSPDCL			2
Tax on Income	55.79	0.00	(55.79)
TGNPDCL			
Tax on Income	38.58	0.00	(38.58)

Commission's View

- 4.5.3 As regards Tax on Income, clause 18 of the Regulation No.4 of 2005 stipulates as under:
 - "18. TAXES ON INCOME
 - Taxes on Income, if any, on the income stream of the licensed business of the Distribution Licensee shall be treated as an expense and shall be recoverable through ARR.
 - 18.2 Taxes on Income actually payable and paid shall be included in the ARR, limited, however, to tax on Return on Equity component of the Return on Capital Employed, and excluding tax on profit, if any, in excess of such return (arising out of any reason, including efficiency of the Distribution Licensee or any explicit incentive provided in the ARR), penalties, interest on delayed payment of tax, etc., and duly adjusted for any refunds, etc. received for the previous periods."

4.5.4 The Commission observed that the TGDiscoms have not paid Tax for FY 2022-23. Hence the Commission has not approved any taxes on income for FY 2022-23.

Table 4-9: Taxes on Income approved for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR Petition	Approved in APR Order
TGSPDCL			
Tax on Income	55.79	0.00	0.00
TGNPDCL	ACITY DEGI		
Tax on Income	38.58	0.00	0.00

4.6 SPECIAL APPROPRIATIONS FOR FY 2022-23

Applicant's Submissions

- 4.6.1 TGSPDCL submitted expenses incurred for safety measures for FY 2022-23 as Rs.5.82 crore against Rs.20 crore approved in the MYT Order dated 29.04.2020. The expenses claimed towards special appropriations incurred for activities related to safety of consumers and employees. The following capital works incurred towards safety measures:
 - i) Erection of intermediate poles for proper clearance;
 - ii) Providing of Earthing;
 - iii) Providing of fencing;
 - iv) Reconstruction of Damaged DTR plinth;
 - v) Plinth Raisings;
 - vi) Providing of SMC Distribution boxes;
 - vii) Providing of foot Cross arms;
 - viii) Rectification of DTR structure;
 - ix) Replacement of damaged AB cable;
 - x) Providing of safety materials viz. Gum boots, Helmets, Safety belt, Earth rods, Gloves etc.
- 4.6.2 TGNPDCL submitted the expenses as Rs.24.72 crore against Rs.20 crore approved in the MYT Order dated 29.04.2020. The expenses claimed towards special appropriations incurred for activities related to safety of consumers and employees.

4.6.3 TGDiscom's claims on special appropriations for FY 2022-23 vis-à-vis approved by the Commission in MYT Order dated 29.04.2020 is as shown in the table below:

Table 4-10: Special Appropriations claimed for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR Petition	Claimed Deviations
TGSPDCL	THE REAL PROPERTY.		
Special appropriations	20.00	5.82	(14.18)
TGNPDCL	T DEGIII	11 - 12	
Special appropriations	20.00	24.72	4.72

Commission's View

4.6.4 The Commission observed that TGDiscoms have claimed expenditure for safety measure as special appropriations expenses, whereas the claim is not shown under separate heads in the audited accounts. Therefore, the Commission does not allow special appropriations for FY 2022-23 claimed by TGDiscoms.

Table 4-11: Special appropriations claimed and approved for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR Petition	Approved in APR Order
TGSPDCL			
Special appropriations	20.00	5.8 <mark>2</mark>	0.00
TGNPDCL	11111111111111	A 11 3	
Special Appropriations	20.00	24.72	0.00

4.7 OTHER EXPENDITURE

Applicant's Submissions

4.7.1 The Other Expenditure for FY 2022-23 approved by the Commission vis-à-vis actuals incurred along with deviations is given in the table below:

Table 4-12: Other Expenditure claimed for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR Petition	Claimed Deviations
TGSPDCL			
Other expenditure	0.00	57.03	57.03
TGNPDCL			
Other expenditure	0.00	16.54	16.54

4.7.2 TGSPDCL further submitted the break-up of other expenditure incurred during FY 2022-23 as shown below:

Particulars	Rs. in crore
Price variation	34.69
Compensation	19.76
Assets Scrap	2.58
Total	57.03

4.7.3 TGNPDCL submitted that other expenditure incurred during FY 2022-23 is towards material cost variance.

Commission's View

4.7.4 The Commission has not approved any other expenses for 4th Control Period.

Hence the Commission is not inclined to approve the other expenses for FY for FY 2022-23.

Table 4-13: Other Expenditure claimed and approved for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Actual a claimed 29.04.2020 APR Peti		Approved in APR Order
TGSPDCL			21
Other expenditure	0.00	57.03	0.00
TGNPDCL			2
Other expenditure	0.00	16.54	0.00

4.8 REVENUE FROM OPEN ACCESS (OA)

Applicant's Submissions

4.8.1 The Revenue from Open Access for FY 2022-23 approved by the Commission vis-à-vis actuals incurred along with the deviations is as shown below:

Table 4-14: Revenue from Open Access claimed for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	MYT Order dated claimed in	
TGSPDCL			
Revenue from Open	45.81	19.26	(26.55)
Access			
TGNPDCL			
Revenue from Open	0.00	2.77	2.77
Access			

Commission's View

4.8.2 The Commission scrutinized the details submitted by TGDiscoms and approved the revenue from Open Access (OA) on actuals as claimed by Applicants. The

Revenue from Open Access claimed by Applicant and approved by the Commission for FY 2022-23 is as shown in the Table below:

Table 4-15: Revenue from Open Access Consumers claimed and approved for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR Petition	Approved in APR Order	
TGSPDCL				
Revenue from Open Access	45.81	19.26	19.26	
TGNPDCL	HEUUL			
Revenue from Open Access	0.00	2.77	2.77	

4.9 Non-Tariff Income

Applicant's Submissions

4.9.1 The Non-Tariff Income for FY 2022-23 approved by the Commission vis-à-vis actuals incurred along with the deviations is as shown below:

Table 4-16: Non-Tariff Income as claimed for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Actual Order dated claimed 29.04.2020 APR Pet		Claimed Deviations
TGSPDCL		<u>F</u>	
Non-Tariff Income	536.47	481.70	(54.77)
TGNPDCL		1. A.	
Non-Tariff Income	175.46	15 <mark>0.5</mark> 0	(2 <mark>4.9</mark> 6)

Commission's View

- 4.9.2 The Commission has observed from the book of accounts that there is no separate classification of Non-Tariff Income for Distribution Business and Retail Supply Business.
- 4.9.3 The Commission approves the Non-Tariff Income including Incidental Chargeswork, Sale of Scrap, Penalties from Suppliers, SDs & BGs forfeited, Miscellaneous Income, Sale of Tender Schedule, Rent from Fixed Assets, Meter Testing Charges, Interest on staff loans & advances, Penalties from Employees, Amortized Depreciation on CC Assets etc. Hence based on the additional information and the information filed on actual basis, the Commission approves the Non-Tariff Income as given below:

Table 4-17: Non-Tariff Income claimed and approved for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR Petition	Allowed in APR Order
TGSPDCL			
Non-Tariff Income	536.47	481.70	481.70
TGNPDCL			
Non-Tariff Income	175.46	150.50	150.50

4.10 ARR FOR FY 2022-23

4.10.1 The Aggregate Revenue Requirement (ARR) for FY 2022-23 approved by the Commission in MYT Order dated 29.04.2020, claimed by TGSPDCL and approved by the Commission in this APR Order based on above analysis is as shown in the table below:

Table 4-18: ARR claimed and approved for TGSPDCL for FY 2022-23

Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020	Actual as claimed in APR Petition	Approved in APR Order	Claimed Deviation	Approved Deviation
FY2022-2 <mark>3</mark>	(i)	(ii)	(iii)	(iv)=(ii)-(i)	(v)= (iii)-(i)
Operation & Maintenance expenses	3317.58	3429.81	3429.81	112.23	112.23
Return on Capital Employed	819.74	538.55	580. <mark>77</mark>	-281.19	-238.97
Depreciation	1039.90	801.90	77 <mark>1.9</mark> 5	-238.0 <mark>0</mark>	-267.95
Taxes on Income	55.79	0.00	0.00	-55. <mark>79</mark>	-55.79
Special appropriations	20.00	5.82	0.00	-1 <mark>4.1</mark> 8	-20.00
Other Expenditure	0.00	57.03	0.00	<mark>57.</mark> 03	0.00
Aggregate Revenue Requirement	5253.00	4833.11	4782.52	-419.90	-470.49
Less: Non-Tariff Income	536.47	481.70	481.70	-54.77	-54.77
Less: Revenue from OA (Wheeling Charges)	45.81	19.26	19.26	-26.55	-26.55
Net Aggregate Revenue Requirement	4670.72	4332.15	4281.56	-338.58	-389.17

4.10.2 The ARR for FY 2022-23 approved by the Commission in MYT Order dated 29.04.2020, claimed by TGNPDCL and approved by the Commission in this APR Order based on above analysis is as shown in the table below:

Table 4-19: ARR claimed and approved for TGNPDCL for FY 2022-23Rs.in crore

Particulars	Approved in MYT Order dated 29.04.2020 (i)	Actual as claimed in APR Petition (ii)	Approved in APR Order	Claimed Deviation (iv)=(ii)-(i)	Approved Deviation
Operation & Maintenance expenses	2582.55	2303.84	2303.84	-278.71	-278.71
Return on Capital Employed	566.93	280.43	261.19	-286.50	-305.74
Depreciation	568.64	348.89	334.86	-219.75	-233.78
Taxes on Income	38.58	0.00	0.00	-38.58	-38.58
Special appropriations	20.00	24.72	0.00	4.72	-20.00
Other Expenditure	0.00	16.54	0.00	<mark>16.5</mark> 4	0.00
Aggregate Revenue Requirement	3776.71	2974.42	2899.89	-80 <mark>2.2</mark> 8	-876.81
Less: Non-Tariff Income	175.46	150.50	150.50	-24.9 <mark>6</mark>	-24.96
Less: Revenue from OA (Wheeling Charges)	0.00	2.77	2.77	2.77	2.77
Net Aggregate Revenue Requirement	3601.25	2821.15	2746.62	-780.09	-854.62

4.11 AGGREGATE GAINS OR LOSSES OF APR CLAIMED AND APPROVED Commission's View

4.11.1 The aggregate gains or losses of APR for FY 2022-23 of 4th control period claimed by TGDiscoms and approved by the Commission is as shown in the Table below:

Table 4.20: Aggregate gains or losses of APR for FY 2022-23

Rs. In Crore

	11.11			to. III Ololo	
Einanaial Vaar	Claimed		Approved		
Financial Year	TGSPDCL	TGNPDCL	TGSPDCL	TGNPDCL	
2022-23	-338.58	-780.09	-389.17	-8 54.62	

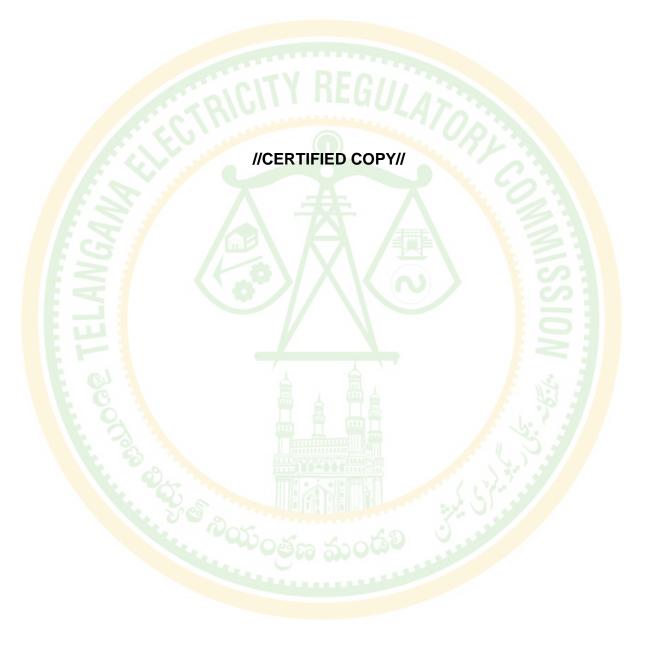
4.12 RECOVERY OF REVENUE GAP/(SURPLUS)

4.12.1 As per Clause 10.5 of Regulation 04 of 2005 the Commission directs the Applicant to include and propose the adjustment mechanism of the total approved revenue surplus for TGSPDCL for Rs. 1736.34 crore (gap of Rs. 20.54 crore for FY 2019-20, surplus of Rs. 253.05 crore for FY 2020-21, surplus of Rs. 1114.66 crore for FY 2021-22 and surplus of Rs. 389.17 Crore for FY 2022-23) and revenue surplus for TGNPDCL for Rs. 2227.42 Crore (surplus of Rs.384.76 Crore for FY 2019-20, surplus of Rs. 354.02, surplus of

Rs. 634.03 Crore and surplus of Rs 854.62 Crore) in its end of control period review petition for 4th control period.

This Order is corrected and signed on this the 7th day of June, 2024.

Sd/- Sd/- Sd/- (BANDARU KRISHNAIAH) (M. D. MANOHAR RAJU) (T. SRIRANGA RAO) MEMBER MEMBER CHAIRMAN



Annexure-I Public Notice

Appeared in NAMASTHE TELANGANA and the VAARTHA (Telugu) on 07.02.2024



గౌరవనీయమైన తెలంగాణ రాష్ట్ర విద్యుక్ నియంత్రణ మండలి (TSERC) వారి సమక్షంలే ఇంది నెం. 11-4-680, 5వ అండస్తు, సంగరేడి భవస్, కెటిహెల్స్, లక్షీ-కా-హ్రాల్, హైదరాబాడ్-500004 ఉత్తర తెలంగాణ విద్యుత్ పంపిణీ సంస్థ (టిఎస్ఎనెపిడిసిఎల్) బహిరంగ ప్రకటన గౌరవనీయమైన తెలంగాణ రాష్ట్ర విద్యుల్ నియంత్రణ మండలి (TSERC) వార TSSPDOL & TSNPDOL దాఖలు చేసిన FY 2024-25 యేక్క H1 (మొదటి ఆర్థలాగము ఆదనపు సర్ధూర్త్ (As) నిర్వారణ పెటిపన్ మరియు 2022-23 ఆర్థిక సంవత్సరానికి గాను దాఖల దేసిన వార్థిక విర్వహణ సమీక్ష (APR) పెటిషన్లుపై పెడ్యూల్ చేయబడిన జహిరంగ విచారణల ఈ క్రంది విధంగా వాయిదా పేయబడ్డాయి. ಯಬಡ್ಡಾಯ. 5 &.ವಿ.ನಂ. దాఖలు చేసిన పిటిషన్ FY 2024-25 ಮುಕ್ಕ 39/2023 -TSSPDCL & 40/2023 -TSNPDCL 09.02.2024 (శుక్రవారం) 12.02.2024 (సోమవారం) H1 (మొదటి అర్థ భాగము) అదనపు పర్థార్జ్ (AS) 2022-23 ఆర్టిక పంచత్సరానికిగాను దాఖలు చేసిన వార్షిక నిర్వహణ సమీక్ష (APR) 37/2023 -TSSPDCL 08.02.2024 13.02.2024 & 38/2023-(ಗುರುವ್ ರಂ) TSNPDCL ారంగ విచారణలు పైన తెలిపిన రేదీలలో ఉ. 11.00 గంటల నుండి TSERC కోర్య హాల్లో ంచడం జరుగుతుంది. పం/-ఛైర్మన్ & మేనేజింగ్ డైరెక్టర్ సం/-ఛైర్మన్ & మేనేజింగ్ డైరెక్టర్ బిఎస్ఎనిపిడిపిఎల్, (హనుమకాండ డిస్ట్రపెల్ల్, (హైదరాబాద్) స్థలం: హైదరాబాద్ తేది: 07.02.2024 86: 07.02.2024 Ro No.10149-PP/CL/Advt/1/2023-24, Dt. 06.02.2024

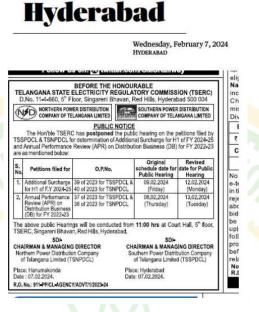
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(URDU) on 07.02.2024

Annexure-II List of Stakeholders who submitted Written Objections/ Suggestions

SI. No.	Name and Address of the stakeholders
1	Sri M.Venugopala Rao, Senior Journalist & Convenor, Centre for Power Studies, H.No.1-100/MP/101, Monarch Prestige, Journalist's Colony, Gopanpally, Serlingampally Mandal, Hyderabad 500 032.
2	Southern Power Distribution Company of Telangana Limited, # 6-1-50, Corporate Office, Mint Compound, Hyderabad 500 063.
3	Northern Power Distribution Company of Telangana Limited, # 2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalagunta, Hanumakonda, Warangal 506 001.



SI. No.	Name and Address of the stakeholders
1	Sri M. Venugopala Rao, Senior Journalist & Convenor, Centre for Power
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	Gopanpally, Serlingampally Mandal, Hyderabad 500 032.
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	Corporate Office, Vidyut Bhavan, Nakkalagunta, Hanumakonda, Warangal
	506 001.