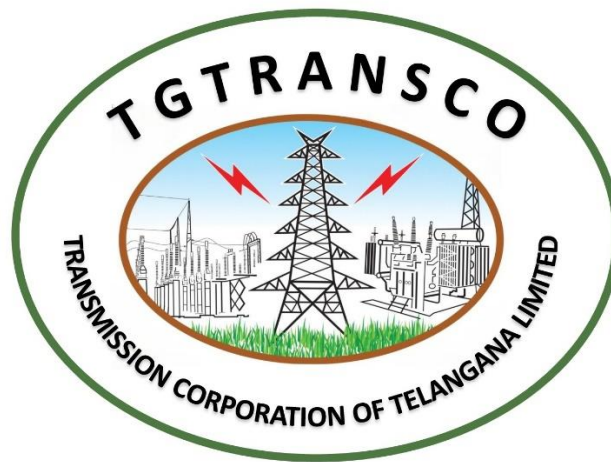


TRANSMISSION CORPORATION OF TELANGANA LIMITED (STATE TRANSMISSION UTILITY)



FILING OF ANNUAL TARIFF PETITION FOR FY: 2026-27 FOR SLDC BUSINESS

NOVEMBER 2025

**BEFORE THE HONOURABLE TELANGANA ELECTRICITY REGULATORY
COMMISSION**

AT IT'S OFFICE AT VIDYUT NIYANTRAN BHAVAN, GTS COLONY, HYDERABAD

PETITION No. _____ /2025

In the matter of:

Filing of the Aggregate Revenue Requirement (ARR), Filing for Proposed Tariff (FPT) under Multi-Year Tariff Framework (MYT) for **Annual Tariff petition for FY: 2026-27 for its SLDC 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 TGERC Multi Year Tariff (MYT) Regulation No. 2 of 2023 dated 30.12.2023 and relevant Guidelines as adopted by TGERC till date, by the Transmission Corporation of Telangana Limited ('TGTransco' or 'the Licensee') as the Transmission Licensee and as SLDC operator.

In the matter of:

TRANSMISSION CORPORATION OF TELANGANA LIMITED.....

Applicant

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING
FILING OF ANNUAL TARIFF PETITION**

I, Sri D.Krishna Bhaskar S/o V.Bhaskar working for gain at the Transmission Corporation of Telangana Limited do solemnly affirm and say as follows:

1. I am the Chairman and Managing Director of TGTRANSCO, the licensee company operating and controlling the Transmission & SLDC business as of electricity in Telangana state pursuant to the license granted by the Hon'ble commission and in terms of Government of Telangana state (GoTS) orders vide G.O.Ms.No.9 dated 17-09-2014.

I am competent and duly authorized by TGTRANSCO to affirm, swear, execute and file this affidavit in the present proceedings.

2. I have read and understood the contents of the accompanying petition for filing of Annual Tariff Petition for SLDC Business for the FY 2026-27. The statements made in the paragraphs of the accompanying application are true to my knowledge, derived from the official records made available to me and are based on information and advice received which I believe to be true and correct.



DEPONENT

VERIFICATION:

I, the above-named Deponent solemnly affirm at Hyderabad on this 27th day of November, 2025 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.


DEPONENT

Solemnly affirmed and signed before me.


COMPANY SECRETARY
TGTRANSCO/HYDERABAD
RAVI KUMAR SULUVA
BCA,FCS
COMPANY SECRETARY, TGTRANSCO,
VIDYUT SOUDHA, HYDERABAD-500 082

**BEFORE THE HONOURABLE TELANGANA ELECTRICITY REGULATORY
COMMISSION**

AT IT'S OFFICE AT VIDYUT NIYANTRAN BHAVAN, GTS COLONY, HYDERABAD

PETITION No. _____/2025

In the matter of:

Filing of the Aggregate Revenue Requirement (ARR), Filing for Proposed Tariff (FPT) under Multi-Year Tariff Framework (MYT) for Annual Tariff petition for FY: 2026-27 for its SLDC 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 TGERC Multi Year Tariff (MYT) Regulation No. 2 of 2023 dated 30.12.2023 and relevant Guidelines as adopted by TGERC till date, by the Transmission Corporation of Telangana Limited ('TGTransco' or 'the Licensee') as the Transmission Licensee and as SLDC operator.

In the matter of:

TRANSMISSION CORPORATION OF TELANGANA LIMITED ... Applicant

The Applicant respectfully submits as under: -

1. Hon'ble TGERC has issued Multi Year Tariff Regulation, 2023 i.e., Regulation No.2 of 2023 Dt.30.12.2023. The clause 1.3 of the Regulation says that "This regulation shall be applicable to existing and future Generation Companies, Transmission Licensees, Distribution Licensees, deemed distribution Licencees, distribution/retail supply utilities exempted from Licence, State Load Dispatch Centre (SLDC), and their successors for determination of Aggregate Revenue Requirement, Tariff and SLDC Charges in all matters covered under this Regulation for the period commencing from 01.04.2024 onwards".
2. The Electricity Act, 2003, provides that the State Government shall establish a State Load Dispatch Center (SLDC). The said SLDC shall be operated by a Government company/authority/corporation constituted by or under any State Act and that until such company / authority / corporation is notified by the State Government, the State Transmission Utility (STU) shall operate the SLDC. The Government of TS notified in G.O.Ms.No.9, dated 17-09-2014 that the existing SLDC shall continue as SLDC and be operated by the Transmission Corporation of Telangana Ltd. (TGTRANSCO), which was earlier notified as STU for Telangana State.

3. This filing for Annual Tariff Petition for SLDC Business for FY 2026-27 is in accordance with the provisions of the Reform Act, the Electricity Act, 2003, the License granted by the Hon'ble Commission to TGTRANSCO on 11th July, 2014 and the Guidelines and Regulations including the regulations pertaining to Transmission, SLDC, Open Access, etc., issued by the Honorable Commission till date.
4. As per the Commission's Regulations, the 5th Control period is 5 years for SLDC business i.e., from FY 2024-25 to FY 2028-29. TGTRANSCO had already filed MYT for the 5th control period for SLDC business. Accordingly, TGERC had issued Tariff order dated 28.10.2024.
5. As per the clause 6.2(e) of TGERC Regulation No. 2 of 2023 dated 30.12.2023, TGTRANSCO is required to file Annual Tariff Petition for SLDC Business for FY 2026-27 by 30.11.2025.
6. The Annual Tariff petition for FY 2026-27 comprises of True up of preceding year (FY 2024-25) and Aggregate Revenue Requirement for FY 2026-27 and proposal for Revised Tariff and charges for FY 2026-27.
7. While filing the present Annual Tariff Petition for SLDC business for FY 2026-27, TGTRANSCO has endeavored to comply with the various applicable legal and regulatory directions and stipulations including the directions of the Hon'ble Commission in the Business Rules of the Commission, the Guidelines, prior ARR and Tariff Orders and Multi Year Tariff Regulation, 2023. The Tariff Filing forms are submitted along with the Annual Tariff petition.
8. Based on the information available, the Applicant has made bonafide efforts to comply with the directions of the Hon'ble Commission and discharge its obligations to the best of its abilities. However, should any further material become available in the near future, the Applicant reserves the right to file such additional information and consequently amend / revise the application.
9. In view of the aforesaid facts and circumstances, the Applicant requests the Hon'ble Commission:
 - a. to consider the return on equity @ 14% for FY 2024-25 as per regulation 2 of 2023 without any reduction on account of penalty for delay in filing of MYT petition in view impact on cash flows.

- b. to consider the revised estimates submitted in the current filing in finalizing the SLDC tariff for FY 2026-27 as there is huge variation in investment plan filed in MYT and Annual Tariff petition based on existing conditions.
- c. To take the accompanying petition for determination of ARR & SLDC charges of SLDC business of TGTRANSCO for FY: 2026-27 on record.
- d. To grant suitable opportunity to TGTRANSCO within a reasonable time frame to file additional information if any;
- e. To treat the filing as complete in view of substantial compliance with justification placed on record;
- f. To consider the Annual Tariff Petition including all requested regulatory treatments in the filing;
- g. To pass such order, as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the petition.

TRANSMISSION CORPORATION OF TELANGANA LIMITED.....

(APPLICANT)

Through


D.Krishna Bhaskar

CHAIRMAN AND MANAGING DIRECTOR

Place: HYDERABAD

Dated: 27th November, 2025

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I INTRODUCTION:

Pursuant to the applicable provisions of the Electricity Act, 2003, the State Government shall establish a State Load Dispatch Center (SLDC). Section 31 of the Act, provides that the said SLDC shall be operated by a Government Company / Authority / Corporation constituted by or under any State Act and that until such Company / Authority / Corporation is notified by the State Government, the State Transmission Utility (STU) shall operate the SLDC.

2. The Government of Telangana, has notified Telangana TRANSCO as the State Transmission Utility (STU) in the state vide G.O.Ms.No.1, dated 21-06-2014. TGTRANSCO is presently carrying out Transmission & SLDC business as per the Licence No.1 of 2014 granted by the erstwhile APERC on Deemed Licence Conditions of Licensee, (Reorganization) Regulations, etc.
3. Hon'ble TGERC has issued Multi Year Tariff Regulation, 2023 i.e., Regulation No.2 of 2023 Dt.30.12.2023. The clause 1.3 of the Regulation says that "This regulation shall be applicable to existing and future Generation Companies, Transmission Licensees, Distribution Licensees, deemed distribution Licensees, distribution/retail supply utilities exempted from Licence, State Load Dispatch Centre (SLDC), and their successors for determination of Aggregate Revenue Requirement, Tariff and SLDC Charges in all matters covered under this Regulation for the period commencing from 01.04.2024 onwards.
4. Based on ARR filings submitted by TGTRANSCO for 5th Control Period, TGERC had issued Tariff order dated 28.10.2024 for the 5th Control Period (FY 2024-25 to FY 2028-29) for SLDC business. TGTransco is herein filing Annual Tariff Petition for SLDC Business for the FY 2026-27.
5. As per the clause 6.2 (e) of TGERC Regulation No. 2 of 2023, TGRANSCO is required to file Annual Tariff Petition for SLDC Business for FY 2026-27 by 30.11.2025. The Annual Tariff petition for FY 2026-27 comprises of True up of preceding year (i.e FY 2024-25) and Aggregate Revenue Requirement for ensuing year i.e FY 2026-27.

Annual Tariff Petition of TGTRANSCO for the FY 2026-27 of 5th Control Period:

Transmission licensee, TG TRANSCO has to file its Annual Tariff Petition (ATP) before Hon'ble TG ERC as per the Provisions of **Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation 2 of 2023** for determining the SLDC Tariff for FY 2026-27. Accordingly, TGTRANSCO is filing its ARR before the Commission in the methodology prescribed by the Commission covering its Capital Investment Plan and ATP for FY 2026-27 as per Regulation No.2 of 2023.

TGTRANSCO submits the following in this petition:

- (I) True up Analysis of Performance for FY 2024-25 of 5th Multi Year Tariff Control Period vide Regulation 2 of 2023;**
- (II) Annual Tariff Petition (ATP) for SLDC Business for FY 2026-27 vide Regulation 2 of 2023.**
- (III) Proposal of SLDC Tariff and Charges from FY 2026-27 vide Regulation 2 of 2023.**

I) TRUE – UP OF FINANCIAL PERFORMANCE OF SLDC BUSINESS FOR FY 2024-25

This True-up filing is made by the Transmission Licensee, TRANSMISSION CORPORATION OF TELANGANA LIMITED (TGTRANSCO) is SLDC Business for the FY 2024-25 as per the MYT Regulation No.2 of 2023 of Telangana Electricity Regulatory Commission for variations in recovery of capital cost and operating charges over the fees and charges fixed for a year on account of variations in SLDC usage for the FY 2024-25.

The TG TRANSCO is submitting the following True up filings of SLDC business for FY 2024-25 in compliance with Regulation No.2 of 2023 of SLDC Tariff Order for 5th MYT Control Period:

- Statement of variance with the Tariff Order for each item in the Aggregate Revenue Requirement and reasons for variation.
 - Actual Aggregate Revenue Requirement (ARR) for the year computed based on O&M Charges and actual interest and other costs.
 - The Surplus/Deficit for the FY 2024-25 is arrived based on actual revenue for the year.
- (a) Operation and Maintenance (O&M) Expenses:** The O&M Expenses cover the Employees Cost, Administrative & General Expenses, Repairs & Maintenance Expenses.

Table 1: O&M Expenses:

S. No.	Particulars	(Rs. in Crores)		
		Annual Tariff 2024-25		
		MYT/Tariff Order	Apr - Mar	Variation
		Approved	Actuals	
1	Employee Expenses	49.37	55.71	6.34
2	A&G Expenses	1.66	0.87	-0.79
3	R & M Expenses	0.99	2.38	1.39
4	Total O&M Expenses	52.02	58.96	6.94

It could be seen from the above that,

- (i) There is an increase of Rs.6.34 crores towards employee cost compared to Approved Tariff Order. The increase in Employee expenses is mainly due to Annual Grade Increments, leave Encashment and DA.
- (ii) There is a normal decrease in actual A&G expenses.
- (iii) There is a normal increase in actual Repair and Maintenance (R&M) expenditure due to higher consumption of Operation and Maintenance (O&M) materials and an increase in R&M expenses for office equipment services (AMC) compared to the previous years actuals.

(b) Depreciation:

Depreciation is a claim towards replacement cost of fixed assets. The depreciation for the FY 2024-25 is arrived based on useful life as declared by TG ERC vide regulation no. 2 of 2023. The following is the position of FY 2024-25 depreciation claimed:

Table 2: Depreciation

Particulars	(Rs. in crores)		
	FY 2024-25		
	MYT/Tariff Order	Actuals	Variation
Depreciation	1.41	4.08	2.67
Total:	1.41	4.08	2.67

The increase in depreciation expense during FY 2024–25 is primarily due to the following reasons:

1. **Reclassification of Fixed Assets:**
A reclassification of fixed assets was carried out on **01.04.2024**, leading to a change in the depreciation base.
2. **Depreciation on REMC Grant Assets:**
Depreciation amounting to **Rs.1.19 crore** was charged during FY 2024–25 on assets created under the REMC Grant received from PGCIL and the same was amortized and accounted in Other income

(c) Interest on working Capital:

Table 3: Interest on Working Capital

The Interest on Working Capital for the control period is arrived by considering the following:

- 1) One month of O&M expenses.
- 2) Receivables for 45 days of Aggregate Revenue Requirement.

The working capital rate of interest @10.15% has been arrived based on SBI MCLR 8.65% {*} plus 150 Basis Points.

(Rs. in Crore)

S. No.	Particulars	FY 2024-25		
		5th MYT Order	Actual	Variation
1	O&M expenses	4.33	4.91	0.58
2	Maintenance spares @1% of Opening GFA	0.00	0.20	0.20
3	Receivables	6.82	7.67	0.85
4	Less: Security Deposit.	0.00	-3.72	-3.72
	Total Working Capital requirement	11.15	9.07	-2.08
5	Interest rate	10.15%	10.15%	-
6	Interest on working capital	1.13	0.92	-0.21

The increase in Interest on Working Capital is mainly due to rise in O&M expenses and receivables considered for the control period.

*Note: - 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:

(d) Return on Equity:

The Return on Equity has been computed as per the Regulation No.2 of 2023, clause 29 and grossed up at Normal rate of tax as per Clause 30.

Table 4: Return on Equity

(Rs. in. Crore)

S. No.	Particulars	FY 2024-25		
		5th MYT Order	Actual	Variation
1	Regulatory Equity at the beginning of the year	2.18	1.57	-0.61
2	Capitalisation during the year	7.52	0.21	-7.31
3	Equity portion of capitalisation during the year	1.88	0.05	-1.83
4	Reduction in Equity Capital on account of retirement / replacement of assets	0.00	0.00	0.00
5	Regulatory Equity at the end of the year	4.06	1.63	-2.43
	Rate of Return on Equity	-	-	-
6	Base rate of Return on Equity	10.50%	14.00%	-
7	Effective Income Tax rate	17.47%	17.47%	-
8	Rate of Return on Equity	12.72%	16.96%	-
	Return on Equity Computation	-	-	-
9	Return on Regulatory Equity at the beginning of the year	0.28	0.27	-0.01
10	Return on Regulatory Equity addition during the year	0.12	0.00	-0.12
11	Total Return on Equity	0.40	0.27	-0.13

- As per clause 29.2 of regulation, Hon'ble commission has reduced return on Equity (RoE) by 3.5% FY 2024-25 due to delay in submission of 5th Multi Year Tariff petition. The company has already made a request for condonation of delay in filing of above petition.
- In light of the above, Hon'ble commission is once again prayed for waiver of reduction of RoE for delay in filing of above Multi Year Tariff petition by considering above condonation request.

(e) Non-Tariff Income:

The Non-Tariff Income for the Control Period has been computed as per the Regulation No.2 of 2023, clause no.99

Table 5: Non-Tariff Income

(Rs. in Crore)

S. No.	Particulars	FY 2024-25		
		5th MYT Order	Actual	Variation
1	Income from rent of land or buildings	-	-	-
2	Net income from sale of de-capitalised assets	-	-	-
3	Income from sale of scrap	-	-	-
4	Income from statutory investments	-	-	-
5	Interest income on advances to suppliers/ contractors	-	-	-
6	Income from rental from staff quarters	-	-	-
7	Income from rental from contractors	-	-	-
8	Income from sale of tender documents	-	-	-
9	Income from SLDC Processing Fee,Registration Fee and Surcharge	0.50	1.95	1.45
	Total	0.50	1.95	1.45

The amount of Non-Tariff Income for the control period includes SLDC Processing fee, SLDC Registration fee and delayed payment charges and there is a increase of non –tariff income mainly due to amortization of REMC Grants of Rs.1.19 crore.

(f) Impact of True-Up for prior period:

Based on the Annual Performance Review orders and Audited Accounts, Pass through/claim for FY 2024-25 Period is as follows:

(Rs. in Crore)				
S. No.	Particulars	MYT/Tariff Order	Normative claimed in true-up	Deviation
i	Expenses side summary			
	Operation & Maintenance Expenses	52.02	58.96	6.94
	Depreciation	1.41	4.08	2.67
	Interest and finance charges on loan	0.83	0.00	-0.83
	Interest on Working Capital	1.13	0.92	-0.21
	Return on Equity	0.40	0.27	-0.13
	Less:			-
	Non-Tariff Income	0.50	1.98	1.48
	Income from Open Access Charges			
	Aggregate Revenue Requirement	55.29	62.25	6.96
	Revenue side summary			
	Revenue from SLDC Charges	55.29	54.66	-0.63
	Revenue for true-up			
iii	Revenue Gap/(Surplus)	0.00	7.59	7.59

It could be seen from the above, that (i) actual expenditure over the approved was increased by 6.96 crores and (ii) actual revenue over the approved was decreased by 0.63 crores. Thereby, there is a net deficit in SLDC operating charges for an amount of Rs.7.59 crores during FY 2024-25.

In view of the above, the Hon'ble Commission is requested to admit the above Claim/Deficit amount of Rs. 7.59 Crores for FY 2024-25.

II) Aggregate Revenue Requirement for FY 2026-2027 of TG SLDC for the 5th Multi Year Tariff (MYT) Control Period:

TG SLDC has to file its Annual Tariff Petition (ATP) for Aggregate Revenue Requirement (ARR) before Hon'ble TG ERC as per the Provisions of **Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation No.2 of 2023** for determining the SLDC Tariff for the year FY2026-27. Accordingly, TG SLDC is filing its ATP before the Commission in the methodology prescribed by the Commission covering its Capital Investment Plan and ARR for FY 2026-27 as per Regulation No.2 of 2023.

The Aggregate Revenue Requirement comprises of following components:

Capital Investment plan during the control period:

The Capital Investments proposed for the execution of works pertaining to the Grid Operation, EBC, Telecom and Power Systems during the 5th control period are as follows:

Form-3: Summary of Capital Expenditure and Capitalization:

(Rs. in Crore)

S. No.	Particulars	FY 2025-26					FY 2026-27		
		ATP Order	Apr-Sep	Oct-Mar	Apr - Mar	Variation	5th MYT Order	Projected	Variation
			Actual	Estimated	Estimated				
1	Opening Capital Works in Progress	37.41	1.72	-	1.72	-35.69	6.07	32.48	26.41
2	Capital Expenditure during the year	31.08	1.07	53.71	54.78	23.70	-	43.84	43.84
3	Capitalisation during the year	62.43	-	24.03	24.03	-38.40	6.07	76.32	70.25
4	Closing Capital Works in Progress	6.07	-	29.68	32.48	26.41	-	-0.00	-0.00

(a) Operation and Maintenance expenses (O&M Expenses):

As per Regulation 2 of 2023, clause no.71 Operation and Maintenance expenses shall comprise of the following:

$$\text{O\&M}_n = \text{EMP}_n + \text{R\&M}_n + \text{A\&G}_n$$

Where,

$$\text{EMP}_n = \text{EMP}_{(n-1)} \times \text{CPI Inflation}$$

$$\text{R\&M}_n = K \times (\text{GFAn}) \times (\text{WPI Inflation})$$

$$\text{A\&G}_n = \text{A\&G}_{(n-1)} \times \text{WPI Inflation}$$

Form 2: Operation and Maintenance expenses:

(Rs. in. Crore)

S. No.	Particulars	FY 2025-26					FY 2026-27		
		ATP Order	Apr-Sep	Oct-Mar	Apr - Mar	Variation	5th MYT Order	Projected	Variation
			Actual	Estimated	Estimated				
1	Employee Expenses	59.32	32.61	25.88	58.49	-0.83	55.25	65.68	10.43
2	A&G Expenses	0.64	0.30	0.62	0.91	0.27	1.82	0.96	-0.86
3	R & M Expenses	1.59	1.23	0.48	1.70	0.11	4.54	3.31	-1.23
4	Total O&M Expenses	61.56	34.14	26.98	61.11	-0.45	61.61	69.95	8.34

It could be seen from the above that,

- The impact of the PRC (Pay Revision Commission) has been considered at 7% for FY 2026-27, as per the earlier PRC.
- The Employee cost has been computed by considering FY 2024-25 as base year and duly escalating at the rate of 4.96% (monthly average of CPI Inflation for FY 2020-21 to 2024-25).
- The Admin & General (A&G) expenses have been computed using FY 2024-25 as the base year, with a WPI escalation rate of 5.05% derived from the average inflation rates for FY 2020-21 to FY 2024-25.
- There is a increase in R&M Expenses due to increase in office equipment services (AMC)

Repairs and Maintenance (R&M) expenses have been computed as per the regulation No.2 of 2023, where " K" factor is arrived by dividing R & M Expenses with Opening GFA of the respective year and duly escalating with WPI Inflation at the rate of 5.05%.

- Where, K is the average % of R&M expenses on Opening GFA of FY 2024-25 worked out at 5.74%

(b) Depreciation:

Depreciation is a claim towards replacement cost of fixed assets. The depreciation for the FY 2024-25 is arrived based on useful life as declared by TG ERC vide regulation no. 2 of 2023. The following is the position of FY 2025-26 depreciation claimed:

Form 4: Depreciation for FY 2025-2026:

(Rs. in crore)

Particulars	FY 2025-26			FY 2026-27		
	ATP order	Estimated	Variation	5th MYT Order	Projected	Variation
Opening GFA	29.65	28.26	-1.39	92.07	52.28	-39.79
Addition During the Year	62.44	24.02	-38.42	6.07	76.31	70.24
Closing GFA	92.08	52.28	-39.80	98.14	128.59	30.45
Depreciation	8.52	3.02	-5.50	12.43	10.55	-1.88

There is a major decrease in depreciation during the FY 2025-26 as Back up SLDC at Warangal is expected to be capitalized in the FY 2026-27. Whereas, the Hon'ble TGERC has considered the same in MYT for FY. 2025-26.

(c) Interest and Finance Charges on Loan:

Interest and Finance Charges on loan: The Interest and Finance charges have been computed as per the Regulation 2 of 2023, clause no.31 at the weighted average interest rate applied on the normative average loan for the year arrived as per clause no.27 of Regulation 2 of 2023.

FORM 5: Interest and Finance Charges on Loan:

(Rs: in Crores)

S. No.	Particulars	FY 2025-26					FY 2026-27		
		ATP Order	Apr-Sep	Oct-Mar	Apr - Mar	Variation	5th MYT Order	Projected	Variation
			Actual	Estimated	Estimated				
1	Opening Balance of Gross Normative Loan	4.20		21.20	21.20	17.00	50.77	39.22	-11.55
2	Cumulative Repayment till the year	0.00	-	13.42	13.42	13.42	0.00	16.44	16.44
3	Opening Balance of Net Normative Loan	4.20	-	7.78	7.78	3.58	50.77	22.78	-27.99
4	Less: Reduction of Normative Loan due to retirement or replacement of assets	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
5	Addition of Normative Loan due to capitalisation during the year	46.82		18.02	18.02	-28.80	4.55	57.24	52.69
6	Repayment of Normative loan during the year	8.52		3.02	3.02	-5.50	12.43	10.55	-1.88
7	Closing Balance of Net Normative Loan	42.50		22.77	22.77	-19.73	42.89	69.47	26.58
8	Closing Balance of Gross Normative Loan	51.02	-	39.22	39.22	-11.80	55.33	96.47	41.14
9	Average Balance of Net Normative Loan	23.35	-	15.28	15.28	-8.07	46.83	46.13	-0.70
10	Weighted average Rate of Interest on actual Loans (%)	9.6%	-	9.0%	9.0%		9.6%	9.0%	
11	Interest	2.24	-	1.38	1.38	-0.86	4.50	4.15	-0.35
12	Finance charges	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
13	Total Interest & Finance charges	2.24	-	1.38	1.38	-0.86	4.50	4.15	-0.35

- There is a major decrease in Interest and Finance Charges during the FY 2025-26 as Back up SLDC at Warangal is expected to be capitalized in the FY 2026-27.

The Interest and Finance charges have been computed on the following basis:

- Opening balance of Net normative loan has been arrived on 75% of the Opening Net Fixed Assets.
- Addition of normative loan during the year is considered as 75% of Additions to fixed assets during the year.
- Repayment of the normative loan during the year is considered equal to the depreciation amount.
- The "Average Normative Loan" is arrived by considering average of net opening and net closing normative loan.
- Interest rate at 9% is considered as the weighted average rate of Interest on Actual long term loan portfolio at the beginning of each year.

(d) Interest on Working Capital:

The Interest on working capital for the control period has been computed as per the Regulation No.2 of 2023, clause 33.5 as follows:

- 1) One month of O&M expenses.
- 2) Receivables for 45 Days of Aggregate Revenue Requirement.

The working capital rate of interest @10.25% has been arrived based on SBI MCLR 8.75%(*)

Plus 150 Basis Points.

*Note :- 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.

Form 6: Interest on Working Capital.

(Rs. In Crore)

Sl.No	Particulars	FY 2025-26					FY 2026-27		
		ATP Order	Apr-Sep	Oct-Mar	Apr - Mar	Variation	5th MYT Order	Projected	Variation
			Actual	Estimated	Estimated				
1	O&M expenses	5.13	2.84	2.25	5.08	-0.05	5.13	5.83	0.70
2	Maintenance spares @1% of Opening GFA	-	-	0.28	0.28	0.28	-	0.52	0.52
3	Receivables	9.28	-	8.40	8.40	-0.88	10.24	11.07	0.83
4	Security Deposit.	-	-	-3.72	-3.72	-3.72	-	-3.00	-3.00
	Total Working Capital requirement	14.41	2.84	7.21	10.04	-4.37	15.38	14.42	-0.96
5	Interest rate	10.50%	10.25%	10.25%	10.25%		10.15%	10.25%	
6	Interest on working capital	1.51	0.29	0.74	1.03	-0.48	1.56	1.48	-0.08

(e) Return on Equity:

The Return on Equity has been computed as per the Regulation No.2 of 2023, clause 29 and grossed up at Normal rate of tax as per Clause 30.

Form 7: Return on Equity

(Rs. in. Crore)

S. No.	Particulars	FY 2025-26					FY 2026-27		
		ATP Order	Apr-Sep	Oct-Mar	Apr - Mar	Variation	5th MYT Order	Projected	Variation
			Actual	Estimated	Estimated				
1	Regulatory Equity at the beginning of the year	3.54	-	7.07	7.07	3.53	19.67	13.07	-6.60
2	Capitalisation during the year	62.43	-	24.03	24.03	-38.40	6.08	76.32	70.24
3	Equity portion of capitalisation during the year	15.61	-	6.01	6.01	-9.60	1.52	19.08	17.56
4	Reduction in Equity Capital on account of retirement / replacement of assets	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
5	Regulatory Equity at the end of the year	19.15	-	13.07	13.07	-6.08	21.19	32.14	10.95
	Rate of Return on Equity		-	-	-	-	-	-	-
6	Base rate of Return on Equity	14.00%	-	14.00%	14.00%	-	14.00%	14.00%	-
7	Effective Income Tax rate	17.47%	-	17.47%	17.47%	-	17.47%	17.47%	-
8	Rate of Return on Equity	16.96%	-	16.96%	16.96%	-	16.96%	16.96%	-
	Return on Equity Computation		-	-	-	-	-	-	-
9	Return on Regulatory Equity at the beginning of the year	0.60	-	1.20	1.20	0.60	3.34	2.22	-1.12
10	Return on Regulatory Equity addition during the year	1.32	-	0.51	0.51	-0.81	0.13	1.62	1.49
11	Total Return on Equity	1.92	-	1.71	1.71	-0.21	3.47	3.85	0.38

Return on Equity has been considered at 14% on equity portion detailed below:

- 1) Opening regulated equity has been arrived by considering 25% of net block of fixed assets of previous year.
- 2) Addition of equity for the year has been considered as 25% of fixed asset addition during the year.
- 3) Return on Equity has been arrived at 16.96% (14% rate of return with effective MAT rate) on opening regulated equity and on the 50% equity addition during the year.

(f) Non-Tariff Income:

The Non-Tariff Income for the Control Period has been computed as per the Regulation No.2 of 2023, clause no.99

Form 8: Non-Tariff Income

(Rs. in. Crore)

S. N o.	Particulars	FY 2025-26					FY 2026-27		
		ATP Order	Apr-Sep	Oct-Mar	Apr - Mar	Variation	5th MYT Order	Projected	Variation
			Actual	Estimated	Estimated				
1	Income from SLDC Processing Fee,Registration Fee and Surcharge	0.50	0.05	0.45	0.50	0.00	0.50	0.50	0.00
	Total	0.50	0.05	0.45	0.50	0.00	0.50	0.50	0.00

The amount of Non-Tariff Income for the control period includes SLDC Processing fee, SLDC Registration fee and delayed payment charges.

g) Aggregate Revenue Requirement:

The following is the position of Aggregate Revenue Requirement from FY2025-26 & FY 2026-27.

Form 1 : ARR for FY 2025-26 & FY 2026-27:

S. No.	Particulars	Units	Reference	FY 2025-26					FY 2026-27		
				ATP Order	Apr-Sep	Oct-Mar	Apr - Mar	Variation	5th MYT Order	Projected	Variation
					Actual	Estimated	Estimated				
1	Operation & Maintenance Expenses	Rs. Cr	Form 2	61.56	34.14	26.97	61.09	-0.47	61.61	69.95	8.34
2	Depreciation	Rs. Cr	Form 4	8.52	0.00	3.02	3.02	-5.50	12.43	10.55	-1.88
3	Interest and finance charges on loan	Rs. Cr	Form 5	2.24	0.00	1.38	1.38	-0.86	4.50	4.15	-0.35
4	Interest on Working Capital	Rs. Cr	Form 6	1.51	0.29	0.74	1.03	-0.48	1.56	1.48	-0.08
5	Return on Equity	Rs. Cr	Form 7	1.92	0.00	1.71	1.71	-0.21	3.47	3.85	0.38
	Less:			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Non-Tariff Income	Rs. Cr	Form 8	0.50	0.05	0.45	0.50	0.00	0.50	0.50	0.00
6	Income from Open Access Charges	Rs. Cr	Form 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add:			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Impact of true-up for prior period	Rs. Cr	Form 11	7.12	0.00	0.00	0.00	-7.12	0.00	7.59	7.59
8	Aggregate Revenue Requirement	Rs. Cr		82.37	34.38	33.36	67.72	-14.65	83.06	97.05	13.99
9	Generation Capacity	MW	Form 12	23359.00	0.00	0.00	22828.18	0.00	23305.15	23550.63	0.00
10	SLDC Charges	Rs./MW/month		2938.55	0.00	0.00	2472.14	0.00	2970.04	3434.23	0.00

(III) Proposal of SLDC Revised Tariff and Charges from FY 2025-26 & FY 2026-27 vide Regulation 2 of 2023.

The SLDC charges are computed by dividing the net ARR of each year with the total contracted capacity of the respective year. As such, the following are the SLDC charges from FY 2025-26 & FY 2026-27.

SLDC Charges for FY 2025-26 & FY 2026-27:

Particulars	FY 2025-26			FY 2026-27		
	ATP order	Apr-Mar	Variation	5 th MYT Order	Apr-Mar	Variation
ARR of SLDC Business (Rs. in Crores)	82.37	67.72	-14.65	83.07	97.05	13.98
Generation Contracted Capacity (MW)	23359.00	22828.18	-530.82	23305.15	23550.63	245.48
SLDC Charges (Rs/MW/month)	2938.55	2472.14	-466.41	2970.39	3434.23	463.84

Write up of completed works in FY 2024-25 of SLDC

1. Procurement of 2 Nos tower Air Conditioners: -

Existing old tower air conditioners in server room have served their useful life and frequent maintenance issues were observed. Hence, procurement of 2 Nos tower Air Conditioners was taken up.

2. Procurement of 2 Nos printers: -

Replacement of old printers which are beyond repair.

Status of ongoing works as on 31.03.2025 by SLDC

1. Upgradation of existing SCADA system at Main SLDC, Hyderabad & Establishment of SCADA/EMS system as Backup SLDC at Warangal:

Even though several advanced features facilitating increased Grid Management requirements were incorporated in the existing SCADA system, which was commissioned in 2015-16, it has become insufficient to accommodate faster rate of Grid expansion necessitating faster and complex Grid management activities. This is also in line with CERC's approved life cycle of 7 years for SCADA/IT Systems. The state of art SCADA/EMS system provides visibility, decision making facilities for system operators in the operation and control of real time system for reliable, efficient and secure grid operations.

Estimated cost: Rs.62.16 Cr - (excluding AMC charges).

Present status:

1. TGERC investment approval of Rs.62.16 crore was accorded vide approval No. 02/2023-24 dt.21.03.2024
2. Notification of Award issued to M/s L&T on Dt. 06.01.2025 and Contract entered on Dt. 28.02.2025 for an amount of Rs.58.40 crore (Including AMC)
3. Approvals of various documents are being provided for taking up procurement by M/s. L&T

2). Construction of building & providing infrastructure for Backup SLDC:

As part of disaster management each state should have main SLDC and fully functional replica as Backup SLDC. To have full-fledged Backup SLDC building wherein parallel Grid operations to Main SLDC will be carried out. In case of any incident /event at the Main SLDC, the Backup SLDC shall come into operation with minimal down time/ instantly. The 220KV Warangal SS is identified for establishment of Backup SLDC.

Estimated cost: Rs.9,31,24,366/-

Present status:

1. Tenders were called for an amount of Rs.7,30,74,366/-
2. Site handed over to M/s. SLV Builders on 15.11.2023. First floor slab work is completed; brick work is under progress.

SUMMARY OF INVESTMENT PLAN

Financial year	Rs. (in Crores)
2025-26 (Expenditure)	52.53 (Including Rs. 7.59 Cr spill-over from 2024-25)
2026-27 (Spill –over from 2025-26)	31.08 (On going work) + 1.00 (New work to be taken up)
2026-27 (New works to be taken up)	7.52

2025-26		2026-27 (Including spill-over)		Total Expenditure proposed for FY: 2026-27
Expenditure (in Crores)	Spill-over to 2026-27 (in Crores)	Ongoing works (in Crores)	New works to be taken up (in Crores)	
52.53	32.08	32.08	7.52	39.60 Crores

INVESTMENT PLAN FOR GRID OPERATION (SLDC) FOR THE YEAR 2025-2026

Description	Justification	Qty	Total Amount (in Rs)	2025-2026 (in Rs)	2026-2027 (in Rs)
SCADA DIVISION					
Upgradation of existing SCADA system at Main SLDC, Hyderabad & Establishment of SCADA/EMS system as Backup SLDC at Warangal	In the light of continuous reforms in Power sector, real time Grid management activities are becoming complex and require decision making platforms updated with latest visualization and capable of handling big data and compliant to cyber security requirements. After deliberations at national level, it has been proposed Upgrade the existing SCADA/EMS system at Main Control Centre and Establish SCADA/EMS system at Backup Control Centre.	Part payment	62,16,00,000.00	31,08,00,000.00	31,08,00,000.00
Construction of building for Backup SLDC	Construction of building for establishment of Backup SLDC.	LS	9,31,24,366.00	7,59,01,471.00	
Establishment of New Server room, New UPS room and Temporary Control room	Infrastructure of existing server & UPS room has served its useful life. Further, the various requirements of typical DATA centre as per ISO27001 are not part of the existing server room. Hence Upgradation of existing server room is proposed duly shifting existing panels to temporary server room.	LS	2,30,50,590.00	2,30,50,590.00	
Backup SLDC Infrastructure	For meeting various specialized infrastructural requirements as per standards.	LS	8,01,08,500.00	8,01,08,500.00	
Personal Computers	The PCs being used in SLDC are procured over several years for catering to new requirement apart from replacing the existing outdated/failed equipment. As per CERC guidelines the hardware relating to IT have a depreciation @30% rate and nil salvage value	35 Nos	43,64,763.36	43,64,763.36	
Procurement of Laptops	For participating in trainings, conferences, seminars & workshops.	LS	14,43,615.00	14,43,615.00	
Furniture for Main SLDC (Computer Tables, Chairs, etc)	Furniture required for new computers / for replacing old & damaged furniture and Establishment of Backup SLDC.	LS	5,00,000.00	5,00,000.00	
Cyber Security	For meeting various cyber security requirements.	LS	16,50,000.00	16,50,000.00	
Miscellaneous / Unforeseen Expenses		LS	5,00,000.00	5,00,000.00	
Unforeseen expenses for EMS/ SCADA (Not Covered under AMC)		LS	10,00,000.00	10,00,000.00	
Total			₹82,73,41,834.36	₹49,93,18,939.36	₹31,08,00,000.00

Description	Justification	Qty	Total Amount (in Rs)	2025-2026 (in Rs)	2026-2027 (in Rs)
POWER PLANNING DIVISION					
Nil					
TOTAL			₹0.00		
MARKET OPERATION					
Nil					
TOTAL			₹0.00		
EBC & RE DIVISION					
Nil					
Total			₹0.00		
RE DIVISION-II					
Nil					
TOTAL			₹0.00		
DYNAMIC STUDIES DIVISION					
Nil					
TOTAL			₹0.00		
TELECOM					
Replacement of old equipment and upgradation of equipment at main & Backup control centers for transmission of Voice & Data to SLDC.	New OLTES are required to install for transmission of data to proposed backup control center at Warangal & upgradation of NMS	LS	3,60,00,000.00	2,60,00,000.00	1,00,00,000.00
TOTAL			₹3,60,00,000.00	₹2,60,00,000.00	₹1,00,00,000.00
POWER SYSTEMS DIVISION					
Nil					
TOTAL			₹0.00		
<u>GRAND TOTAL</u>			₹86,33,41,834.36	₹52,53,18,939.36	₹32,08,00,000.00

INVESTMENT PLAN FOR GRID OPERATION (SLDC) FOR THE YEAR 2026-2027				
Description	Justification	Qty	Total Amount (in Rs)	2026-2027 (in Rs)
SCADA DIVISION				
Renovation of existing SLDC control room and Server room, UPS room, SLDC video conference room and Telecom room:	Post establishment of New Server room, New UPS room & Temporary Control room and parallel operation of new & old SCADA systems for 3 months, tentatively by September 2026, SLDC operations will be shifted to Temporary Control Room. The existing Control room & Server room(old) UPS room(old), SLDC video conference room and Telecom room infrastructure will also be upgraded.	LS	1,89,02,391.00	1,89,02,391.00
Personal Computers	Outdated and old equipment are regularly replaced/upgraded as per guidelines	5 Nos	7,48,245.15	7,48,245.15
Furniture for Main SLDC (Computer Tables, Chairs, etc)	Furniture required for new computers / for replacing old & damaged furniture and Establishment of Backup SLDC.	LS	5,00,000.00	5,00,000.00
Cyber Security	For meeting various cyber security requirements.	LS	18,15,000.00	18,15,000.00
Miscellaneous / Unforeseen Expenses		LS	5,00,000.00	5,00,000.00
Unforeseen expenses for EMS/ SCADA (Not Covered under AMC)		LS	10,00,000.00	10,00,000.00
Total			₹2,34,65,636.15	₹2,34,65,636.15

Filling of ARR & FPT for Annual Tariff Petition FY: 2026-27 of 5th MYT for SLDC Business

POWER PLANNING DIVISION				
Nil				
TOTAL			₹0.00	
MARKET OPERATION				
Nil				
TOTAL			₹0.00	
Description	Justification	Qty	Total Amount (in Rs)	2026-2027 (in Rs)
EBC & RE DIVISION				
SAMAST (other than PSDF fund)	Procurement of database servers, application server, operating system, SAN storage etc for implementation of Intra state ABT-SAMAST project (Investment approval will be obtained)	LS	5,17,00,000.00	5,17,00,000.00
Total			₹5,17,00,000.00	₹5,17,00,000.00
RE DIVISION-II				
Nil				
TOTAL			₹0.00	
DYNAMIC STUDIES DIVISION				
Nil				
TOTAL			₹0.00	
TELECOM				
Nil				
TOTAL			₹0.00	
POWER SYSTEMS DIVISION				
Nil				
TOTAL			₹0.00	
<u>GRAND TOTAL</u>			₹7,51,65,636.15	₹7,51,65,636.15

Write up of works to be taken up during FY 2025-26:

I. Ongoing works as on 01.04.2025:

1) Upgradation of existing SCADA system at Main SLDC, Hyderabad & Establishment of SCADA/EMS system as Backup SLDC at Warangal:

- a) Total Estimated Cost: Rs.62.16 Crore (excluding AMC Charges)
- b) Proposed Expenditure for FY 2025-26: Rs.31.08 Cr.

2) Construction of building & providing infrastructure for Backup SLDC:

- a) Total Estimated Cost: Rs.9,31,24,366/-
- b) Proposed Expenditure for FY 2025-26: Rs.7,59,01,471/-

II. New works to be taken up during the year:

3) Establishment of New Server room, New UPS room and Temporary Control room

The existing infrastructure like VRF (Variable Refrigerant Flow) AC System, CFL false ceiling lights, FM 200 Firefighting system etc. of SLDC were commissioned as part of establishment of SLDC in Vidyut Soudha in 2014.

Hence, the infrastructure upgrade is proposed to meet various standards and to maintain the upgraded system effectively for next 10 years

Considering techno- economic feasibility and suggestions from GRID- INDIA in 1st Project Review Meeting on SCADA project, the following major works are proposed

- Establishment of new Server room in existing SCADA room
- Establishment of new UPS room in existing Store room
- Establishment of Temporary Control Room

Cost Estimate: Rs. 2,30,50,590/-

Present Status: T.O.O is issued, and Scrutiny of estimate is underway by accounts wing as part of tendering process

Execution period: To be commenced immediately after tender finalization

4). Backup SLDC infrastructure:

Establishment of SLDC requires meeting various specialized infrastructural requirements like Redundant Power Supply, Precision Air Conditioning (PAC), Fire Detection and Suppression, CCTV Surveillance, Biometric and RFID Access: Conference Room, Training /Simulation Room etc. as per various standards.

It is proposed to meet all these requirements in Back up SLDC

Cost Estimate: Rs. 8,01,08,500/-

Present Status: File under circulation for board approval

Execution period: To be commenced immediately after tender finalization

5) Personal Computers: Rs.43,64,763.36/-

6) Procurement of Laptops: Rs.14,43,615/-

7) Furniture Main SLDC: Rs.5,00,000/-

8) Cyber security: Rs.16,50,000/-

9) Miscellaneous/Unforeseen Expenses: Rs.5,00,000/-

10) Unforeseen expenses for EMS/SCADA : Rs.10,00,000/-

11). Replacement of old equipment and upgradation of equipment at main & Backup control centers for transmission of Voice & Data to SLDC (Telecom wing):

To ensure seamless, secure, and reliable transmission of voice and data to the State Load Despatch Centre (SLDC), it is imperative to replace aging equipment and upgrade existing communication systems at main SLDC.

Further, New OLTES are required for transmission of data to proposed backup control center at Warangal. In addition, upgradation of NMS is also proposed.

Cost Estimate: Rs. 3.60 Crore.

Proposed Expenditure for FY 2025-26: Rs.2.60 Crore

Present Status: File under circulation for board approval

Execution period: To be commenced immediately after tender finalization

Total expenditure proposed for FY: 2025-26 is Rs.52,53,18,939.36 (or say Rs.52.53Crores)

Write up of works to be taken up during 2026-27:

I. On-going works:

1) Upgradation of existing SCADA system at Main SLDC, Hyderabad & Establishment of SCADA/EMS system as Backup SLDC at Warangal:

a) Total Estimated Cost: Rs.62.16 Crore (excluding AMC Charges)

b) Proposed Expenditure for FY 2026-27: Rs.31.08 Cr. Spill-over from 2025-26.

2) Replacement of old equipment and upgradation of equipment at main & Backup control centres for transmission of Voice & Data to SLDC:

a) Total Estimated Cost: Rs. 3.60 Crore.

b) Proposed Expenditure for FY 2026-27: Rs.1 Cr. Spill-over from 2025-26

II. New works Proposed to be taken up:

3. Renovation of existing SLDC control room and Server room, UPS room, SLDC video conference room and Telecom room:

Post establishment of New Server room, New UPS room & Temporary Control room and parallel operation of new & old SCADA systems for 3 months, tentatively by September 2026, SLDC operations will be shifted to Temporary Control Room. The existing Control room & Server room(old) UPS room(old), SLDC video conference room and Telecom room infrastructure will also be upgraded.

Cost Estimate: Rs. 1,89,02,391/-.

Present Status: T.O.O is issued, and Scrutiny of estimate is underway by accounts wing as part of tendering process

Execution period: To be commenced in April-2026

4) Personal Computers: Rs.7,48,245.15/-

5) Furniture for Main SLDC: Rs.5,00,000/-

6) Cyber security Rs.18,15,000/-

7) Miscellaneous/Unforeseen Expenses: Rs.5,00,000/-

8) Unforeseen expenses for EMS/SCADA : Rs.10,00,000/-

9). Implementation of SAMAST (Scheduling, Accounting, Metering and Settlement of Transactions in Electricity) Project at TGSLDC:

ABT regime introduced by CERC at National level had a positive impact. Hence, SERCs are advised to introduce ABT and frequency linked Deviation Settlement Mechanism at state level.

The SAMAST scheme will achieve an efficient mechanism for proper scheduling for settlement of electricity transactions in a transparent manner for the power transactions across intra-state boundaries.

DSM (Deviation Settlement Mechanism) as per TGERC Regulations will be enforced for all stakeholders by comparing Implemented schedules with Actual Generation and draws. The Stakeholders are TGGENCO, TG DISCOMs, IPPs, CPPs, EHT PDs (Both RE and non-RE) etc.

In present scenario, energy exchanges between TGDISCOMs are only being settled based on marginal cost which is not in line with CERC Deviation Settlement Mechanism.

No settlement procedure is in place for Intra state generators (except Solar and wind) and full open access consumers. Whereas in SAMAST, all Intra State Generators (excluding Solar and wind) having installed capacity of 5 MW and above, Distribution licensees, Deemed Distribution licensees and Full Open Access Consumers will be covered under DSM mechanism.

Project components:

1. Procurement of ABT meters.
2. Development of Software application module.
3. Procurement of IT components
4. AMR (automatic meter reading) module including procurement of GPRS modems with Ethernet port for obtaining continuous meter data online for carrying out weekly energy settlements,

Cost Estimate: Rs.21.95 Crore.

Out of total project cost of 21.95 Crores, Grant is 12.48 Crore & Entity portion is 9.47 Cr of which **SLDC portion is 5.17 cr** & balance 4.3 cr is to be borne by TGTRANSCO. Rs. 1.495 Cr grant was utilized by TGTRANSCO.

Present Status:

Purchase Order (PO) was placed for procurement of 1389 meters. Meters were supplied by the vendor to TGTRANSCO Stores. Installation of 911 meters is completed out of 1389 Meters. PSDF grant of Rs.1.495 Cr was utilised. Tendering is in progress for development of IT applications for all modules of SAMAST.

Development of Software application module: Re-tendering is in progress.

Execution period: To be completed by December-2026 (tentative).

Total expenditure proposed for FY 2026-27 is Rs.39,59,65,636.15 (or say Rs.39.60 Crores)

Abstract of Generation Contracted Capacities of TGDISCOMs for ATP Filings of SLDC Activity for the FY: 2026-27

Sl.No.	Generating Station/Unit/Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	Year(n-1) (2024-25)	Current Year "n"(2025-26)			Year(n+1) (2026-27)		
				Apr-Mar	Apr-Sep	Oct-Mar	Apr-Mar	Apr-Mar	TGSPDCL (70.55% share)	TGNPDCL (29.45% share)
				Actual	Actual	Estimated	Estimated	Projected		
				MW	MW	MW	MW	MW		
	TGGenco									
A	Thermal	8042.50	7561.95	4529.95	5989.70	7505.70	7505.70	7505.70	5295.27	2210.43
B	Hydel	2441.76	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	1622.45	677.27
	Total TGGenco	10484.26	9861.66	6829.66	8289.41	9805.41	9805.41	9805.41	6917.72	2887.69
C	Central Generating Stations	45339.81	3582.87	3517.81	3576.62	3582.87	3582.87	3582.87	2527.71	1055.15
D	IPPs	3520	2347.95	1400.45	1400.45	1400.45	1400.45	1400.45	988.02	412.43
E	Gas Projects	814.08	425.24	0	0	193.41	193.41	193.41	136.45	56.96
F	Inter-state Hydel Projects	141.60	75.55	0	0	0	0	0	0.00	0.00
G	Total DISCOM Contracts (PPAs) without NCE	60299.75	16293.27	11747.93	13266.48	14982.14	14982.14	14982.14	10569.90	4412.24
H	<u>NCE Projects / Renewable Energy</u>									
Ha	NCEs - 132 KV & above	7386.37	7386.37	5242.35	5663.86	6686.37	6686.37	7386.37	5165.53	2220.84
Hb	NCEs - 33 KV & 11 KV	1039.95	1039.95	1031.85	1036.45	1039.95	1039.95	1039.95	742.18	297.77
H	Total NCE projects	8426.32	8426.32	6274.20	6700.31	7726.32	7726.32	8426.32	5907.71	2518.61
I	Intra-State Open Access	155.386	143.174	116.359	117.524	121.924	119.724	142.174		
	SLDC Total Generation Contracts (in MW) (G + H + I)	68881.45	24862.76	18138.48	20084.31	22830.38	22828.18	23550.63	16477.61	6930.85

Generation Contracted Capacities (in MW) for ATP filings of SLDC Activity for the FY 2026-27										
S.No.	Generating Station/Unit/ Source	Installed Capacity (MW)	Net Capacity TG Share (MW)	FY 2024-25	FY 2025-26			FY 2026-27		
				(Actuals)	Apr-Sep (Actual)	Oct-March (Projected)	Apr-March (Projected)	Apr-March (Projected)	TGSPDCL (70.55% share)	TGNPDCL (29.45% share)
(A)	TGGENCO STATIONS									
	GENCO THERMAL:									
1	KTPS-V	500	453.5	453.50	453.50	453.50	453.50	453.50	319.94	133.56
2	KTPS-VI	500	473.75	473.75	473.75	473.75	473.75	473.75	334.23	139.52
3	KTPS-VII	800	758.00	758.00	758.00	758.00	758.00	758.00	534.77	223.23
4	KTPP-I	500	473.75	473.75	473.75	473.75	473.75	473.75	334.23	139.52
5	KTPP-II	600	568.5	568.50	568.50	568.50	568.50	568.50	401.08	167.42
6	RTS-B*	62.5	56.25	56.25	-	-	-	-	-	-
7	BTPS	1080	988.2	988.20	988.20	988.20	988.20	988.20	697.18	291.02
8	YTPS	4000	3790	758	2274	3790.00	3790.00	3790.00	2673.85	1116.16
	Total Thermal (A):	8042.50	7561.95	4529.95	5989.70	7505.70	7505.70	7505.70	5295.27	2210.43
(B)	GENCO HYDEL:									
1	SrisaillamLeft Bank HES	900	889.20	889.20	889.20	889.20	889.20	889.20	627.33	261.87
2	NSPH	815.6	807.44	807.44	807.44	807.44	807.44	807.44	569.65	237.79
3	NSLCPH	60	59.40	59.40	59.40	59.40	59.40	59.40	41.91	17.49
4	Lower Jurala HES	240	237.60	237.60	237.60	237.60	237.60	237.60	167.63	69.97
5	Pulichintala	120	118.80	118.80	118.80	118.80	118.80	118.80	83.81	34.99

Filling of ARR & FPT for Annual Tariff Petition FY: 2026-27 of 5th MYT for SLDC Business

S.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TG Share (MW)	FY 2024-25	FY 2025-26			FY 2026-27		
				(Actuals)	Apr-Sep (Actual)	Oct-March (Projected)	Apr-March (Projected)	Apr-March (Projected)	TGSPDCL (70.55% share)	TGNPDCL (29.45% share)
6	Priyadarshini Jurala HES	234	115.83	115.83	115.83	115.83	115.83	115.83	81.72	34.11
7	Pochampad PH (I-IV)	36	35.64	35.64	35.64	35.64	35.64	35.64	25.14	10.50
8	Singur	15	14.85	14.85	14.85	14.85	14.85	14.85	10.48	4.37
9	Nizam Sagar PH	10	9.90	9.90	9.90	9.90	9.90	9.90	6.98	2.92
10	Mini Hydel (Peddapalli)	9.16	9.07	9.07	9.07	9.07	9.07	9.07	6.40	2.67
11	Palair	2	1.98	1.98	1.98	1.98	1.98	1.98	1.40	0.58
	Total Hydel :	2441.76	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	1622.45	677.27
	Total TGGENCO (A):	10484.26	9861.66	6829.66	8289.41	9805.41	9805.41	9805.41	6917.72	2887.69
(C)	CENTRAL GENERATING STATIONS									
1	NTPC (SR)-I & II	2100	297.19	299.58	310.97	297.19	297.19	297.19	209.67	87.52
2	NTPC (SR) Stage-III	500	75.51	76.09	78.88	75.51	75.51	75.51	53.27	22.24
3	NTPC Talcher StageII	2000	192.58	193.49	197.85	192.58	192.58	192.58	135.87	56.72
4	NTPC Simhadri Stage-I	1000	510.61	510.61	510.61	510.61	510.61	510.61	360.23	150.37
5	NTPC Simhadri Stage-II	1000	235.85	236.40	239.05	235.85	235.85	235.85	166.39	69.46

Filling of ARR & FPT for Annual Tariff Petition FY: 2026-27 of 5th MYT for SLDC Business

S.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TG Share (MW)	FY 2024-25	FY 2025-26			FY 2026-27		
				(Actuals)	Apr-Sep (Actual)	Oct-March (Projected)	Apr-March (Projected)	Apr-March (Projected)	TGSPDCL (70.55% share)	TGNPDCL (29.45% share)
6	Telangana STPP	1600	1298.42	1283.35	1285.60	1298.42	1298.42	1298.42	916.04	382.39
7	NTPC Kudigi Unit-I, II & III	2400	251.63	220.55	220.55	251.63	251.63	251.63	177.53	74.11
8	NLC Stage-I	580	2.80	0.86	3.80	2.80	2.80	2.80	1.98	0.82
9	NLC Stage-II	790	3.68	1.13	5.00	3.68	3.68	3.68	2.60	1.08
10	NLC Exp-I	420	2.95	0.91	4.00	2.95	2.95	2.95	2.08	0.87
11	NLC Exp-II	500	3.38	1.04	4.58	3.38	3.38	3.38	2.38	0.99
12	New Neyvelli Thermal Power plant (NNTPP)	934	58.12	57.90	58.25	58.12	58.12	58.12	41.01	17.12
13	NTECL Vallur Thermal Power Plant	1500	96.28	92.49	98.23	96.28	96.28	96.28	67.92	28.35
14	NLC Tamilnadu (Tuticorn) Unit-I & Unit II	1000	135.78	131.77	137.84	135.78	135.78	135.78	95.79	39.99
15	NPC-MAPS	440	19.16	18.58	19.45	19.16	19.16	19.16	13.52	5.64
16	NPC-Kaiga Unit-I&II	440	58.50	56.40	59.59	58.50	58.50	58.50	41.27	17.23
17	NPC-Kaiga Unit-III & IV	440	62.36	60.25	63.45	62.36	62.36	62.36	44.00	18.37

S.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TG Share (MW)	FY 2024-25	FY 2025-26			FY 2026-27		
				(Actuals)	Apr-Sep (Actual)	Oct-March (Projected)	Apr-March (Projected)	Apr-March (Projected)	TGSPDCL (70.55% share)	TGNPDCL (29.45% share)
18	KKNPP (Kudankulam Nuclear Power Plant) Unit-I	1000	2.37	0.73	3.22	2.37	2.37	2.37	1.67	0.70
19	KKNPP (Kudankulam Nuclear Power Plant) Unit-II	1000	46.10	46.10	46.10	46.10	46.10	46.10	32.52	13.58
20	NSM Bundled Phase -II	25650	186.61	186.61	186.61	186.61	186.61	186.61	131.65	54.96
21	NVVNL Bundled Power(Coal)	45.81	42.99	42.99	42.99	42.99	42.99	42.99	30.33	12.66
	Total CGS (B):	45339.81	3582.87	3517.81	3576.62	3582.87	3582.87	3582.87	2527.71	1055.15
	IPPs & Gas Projects									
(D)	IPPs									
1	Singareni Thermal Power Plant	1200	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	797.92	333.08
2	Atal Bihari Vajpayee thermal Power Plant, Chattisgarh (formerly Marwa Power Plant) **	1000	947.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Sembcorp Energy India Limited (SEIL) (269.45 MW)	1320	269.45	269.45	269.45	269.45	269.45	269.45	190.10	79.35
	Total IPPs:	3520	2347.95	1400.45	1400.45	1400.45	1400.45	1400.45	988.02	412.43

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S.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TG Share (MW)	FY 2024-25	FY 2025-26			FY 2026-27		
				(Actuals)	Apr-Sep (Actual)	Oct-March (Projected)	Apr-March (Projected)	Apr-March (Projected)	TGSPDCL (70.55% share)	TGNPDCL (29.45% share)
(E)	Gas Projects									
1	Vemagiri	370	193.41	0.00	0.00	193.41	193.41	193.41	136.45	56.96
2	Kona seema***	444.08	231.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Gas projects	814.08	425.24	0.00	0.00	193.41	193.41	193.41	136.45	56.96
	Total IPP & Gas Projects (C)	4334.08	2773.19	1400.45	1400.45	1593.86	1593.86	1593.86	1124.4682	469.39177
(F)	****Inter-State Hydel Projects									
1	Machkund (TG Share)	84	44.82	0.00	0.00	0	0	0	0.00	0.00
2	TB.Dam (TG Share)	57.6	30.73	0.00	0.00	0	0	0	0.00	0.00
	Total Inter-State Hydel (D)	141.6	75.55	0.00	0.00	0	0	0	0	0
(G)	Total DISCOM contracts (PPAs) without NCE (A+B+C+D+E+F)	60299.75	16293.27	11747.93	13266.48	14982.14	14982.14	14982.14	10569.90	4412.24
(H)	Open Access	155.386	143.174	116.359	117.524	121.924	119.724	142.174		

(I)	NCE Projects / Renewable Energy (includes RE projects with injection at 132 KV, 33 KV and 11 KV)									
S.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TG Share (MW)	FY 2024-25	FY 2025-26			FY 2026-27		
				(Actuals)	Apr-Sep (Actual)	Oct-March (Projected)	Apr-March (Projected)	Apr-March (Projected)	TGSPDCL (70.55% share)	TGNPDCL (29.45% share)
i)	Solar	8131.17	8131.17	6026.55	6452.66	7431.17	7431.17	8131.17	5688.76	2442.41
ii)	Bagasse	81.7	81.7	61.7	61.7	81.7	81.7	81.7	15	66.7
iii)	Industrial Waste	18.5	18.5	15	15	18.5	18.5	18.5	11	7.5
iv)	Municipal Solid Waste	58.3	58.3	34.3	34.3	58.3	58.3	58.3	58.3	0
v)	Wind	128.1	128.1	128.1	128.1	128.1	128.1	128.1	128.1	0
vi)	Mini Hydel	2.55	2.55	2.55	2.55	2.55	2.55	2.55	0.55	2
vii)	Biomass	6	6	6	6	6	6	6	6	0
	Total NCE (132, 33 & 11 KV)	8426.32	8426.32	6274.20	6700.31	7726.32	7726.32	8426.32	5907.71	2518.61
(J) SLDC TOTAL Generation Contracts (in MW) (G+H+I)		68881.45	24862.76	18138.48	20084.31	22830.38	22828.18	23550.63	16477.61	6930.85

Note:

1	* Long Term PPA with TGGENCO project RTS-B (62.5 MW) was expired on 03.06.2024
2	** CSPDCL has stopped declaring capacity to TGDISCOMs from April 2022. In March 2025, CSPDCL filed O.P. No. 24 of 2025 before CSERC, seeking directions to TGDISCOMs to pay outstanding dues. Until the dispute w.r.to outstanding amounts is resolved, it is unlikely that CSPDCL will resume power Supply to TGDISCOMs.
3	*** Long Term PPA with M/S. Konaseema Gas Power Ltd was expired on 29.06.2025
4	**** APSLDC has stopped scheduling power from Inter-State Hydel Projects (Machkund & TB Dam) since 11.06.2017 due to pending payments between APGENCO and TGDISCOMs. The PPA of these projects expired on 31.03.2019. The commission has not considered any availability from these projects in the Retail Supply Business of TGDISCOMs for FY 2024-25 to FY 2028-29 as there is no scheduling of power, Contracted Capacities of these projects are not considered for TGTransco & TGS LDC ATP for FY 2026-27.