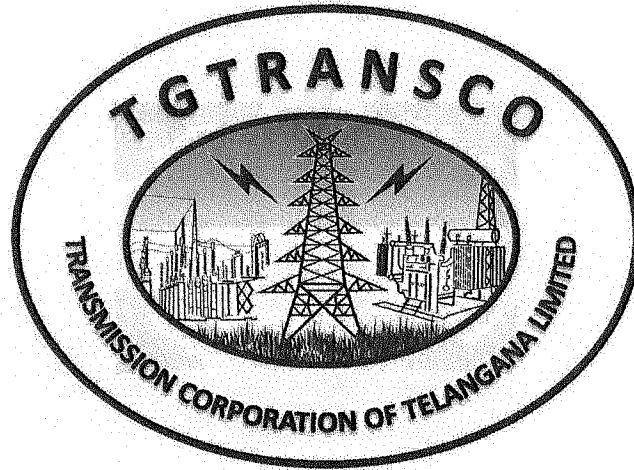


**Transmission Corporation of Telangana Limited
(State Transmission Utility)**



**Filing of Aggregate Revenue Requirement (ARR)
and proposed SLDC Charges for SLDC Business
for the 5th Control Period
(FY:2024-25 to FY:2028-29)**

August 2024

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD

FILING No. _____/2024

PETITION No. _____/2024

In the matter of:

Filing of the Aggregate Revenue Requirement (ARR), for the 5th Control Period (FY2024-25 to FY2028-29) 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 read with the relevant APERC Guidelines and Regulations as adapted by the TGERC till date, by the Transmission Corporation of Telangana Limited (TGTRANSCO or 'the Licensee') as the Transmission Licensee and SLDC operator.

In the matter of:

TRANSMISSION CORPORATION OF TELANGANA LIMITED..... Applicant

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING FILING OF
AGGREGATE REVENUE REQUIREMENT**

I, am Sri Ronald Rose Dinakaran S/o Dinakaran Bose Chandrasekhar 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 of electricity in Telangana state pursuant to the license granted by the erstwhile Hon'ble APERC 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 Aggregate Revenue Requirement for SLDC Business. 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 4th day of Aug, 2024 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



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

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD.

FILING No. _____/2024

PETITION No. _____/2024

In the matter of:

Filing of the Aggregate Revenue Requirement (ARR), Filing for Proposed Tariff for the 5th Control Period (FY2024 - 25 to FY2028 - 29) for its SLDC Activity 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 read with the relevant APERC Guidelines and Regulations as adapted by the TGERC till date, by the Transmission Corporation of Telangana Limited (TGTRANSCO or 'the Licensee') as the Transmission Licensee and SLDC operator.

In the matter of:

TRANSMISSION CORPORATION OF TELANGANA LIMITED ... Applicant

The Applicant respectfully submits as under : -

1. With the enactment of Andhra Pradesh Reorganization Act 2014, the Telangana state has been carved out from the undivided Andhra Pradesh state as the 29th state of the Republic of India on 02.06.2014.
2. 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".
3. Consequent upon formation of the state of Telangana and its implementation with effect from 02.06.2014, the Government of Andhra Pradesh has established Transmission Corporation of Telangana Limited vide G.O Ms. No 26, Dt. 29.05.2014. The Commission (APERC) has issued deemed license to TGTRANSCO with License No. 1 of 2014 vide proceeding No. APERC/ Secy/ 160/2014 dt. 11.07.2014.
4. Sub-section (1) of section 31 of the Electricity Act, 2003, provides that the State Government shall establish a State Load Dispatch Center (SLDC). Sub-section (2) of the Section 31 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. 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.

5. This filing for ARR and proposed SLDC Charges 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.
6. As per the Commission's Regulations, the 4th Control period is 5 years for SLDC business i.e., from FY 2019-20 to FY 2023-24. TGTRANSCO had already filed MYT for the 4th control period for SLDC business. Accordingly, TGERC had issued Tariff order for the 4th control period (FY 2019-20 to FY 2023-24).
7. While filing the present MYT petition for filing ARR and proposed SLDC charges for SLDC business for the period from FY 2024-25 to FY 2028-29, 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 dt.30.12.2023. The Tariff Filing forms are submitted along with the MYT 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. As directed by Hon'ble TGERC for accepting MYT for 5th control period in respect of SLDC Business as per the Regulation 2 of 2023, a statement of Assets and Liabilities pertaining to SLDC Business for FY 2022-23 certified by M/s. Ramamoorthy (N) & Co. the statutory auditors of TGTRANSCO is herewith annexed..
10. The current petition for SLDC charges for SLDC Business for the MYT FY 2024-25 to FY 2028-29 being filed has been approved by the Board of Directors of TGTRANSCO and Sri Ronald Rose Dinakaran S/o Dinakaran Bose Chandrasekhar, Chairman and Managing Director of TGTRANSCO has been authorized to execute and file the said SLDC Charges petition on behalf of TGTRANSCO. Accordingly, the current petition for SLDC Charges for SLDC Business is signed and verified by and backed by the affidavit of Sri Ronald Rose Dinakaran S/o Dinakaran Bose Chandrasekhar, Chairman and Managing Director.

11. In view of the aforesaid facts and circumstances, the Applicant requests that the Hon'ble Commission:
- To take the accompanying petition for determination of ARR & SLDC charges of SLDC business of TGTRANSCO for 5th control period (FY: 2024-25 to FY: 2028-29) on record.
 - To consider and admit the delay petition as Miscellaneous petition for condoning the delay in filing ARR and proposed SLDC charges of SLDC business of TGTRANSCO for 5th MYT.
 - To grant suitable opportunity to TGTRANSCO within a reasonable time frame to file additional material information if any;
 - To treat the filing as complete in view of substantial compliance with justification placed on record;
 - To consider and approve SLDC charges including all requested regulatory treatments in the filing;
 - 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


RONALD ROSE DINAKARAN
CHAIRMAN AND MANAGING DIRECTOR

Place: HYDERABAD

Dated: 4th August, 2024

INDEX

I. INTRODUCTION	9
II. True Up analysis of performance for 4 th control period from FY:2019-20 to FY:2023-24 as per Regulation 1 of 2006	
a) Operation and Maintenance (O&M) expenses True up.....	11
b) Capital cost true up.....	13
c) Revenue True Up.....	14
d) Surplus/Deficit during the period Fy 2019-20 To Fy 2023-24.....	14
e) True Up : ARR deviation (Tariff Order Vs Actuals).....	15
III. AGGREGATE REVENUE REQUIREMENT for 5 th control period from FY:2019-20 to FY:2023-24as per Regulation 2 of 2023	16
a) Capital expenditure & capitalization for 5 th control period.....	16
b) Operation & Maintenance expenses.....	16
c) Depreciation.....	18
d) Interest and finance charges.....	18
e) Interest on working capital.....	20
f) Return on equity	21
g) Non tariff income.....	22
h) Impact of true up for prior period.....	22
i) Aggregate Revenue Requirement for 5 th control period.	23
IV Proposal of SLDC CHARGES from FY:2024-25 to 2028-29 as per regulation No. 2 of 2023	
V Major works to be taken up by TGSLDC during 5 th control period.....	24
VI Generation Capacity (in MW)	28
VII LIST OF TABLES	
Table 1: TRUE UP: Analysis of Performance O&M EXPENSES	12
Table 2: TRUE UP: Analysis of Performance CAPITAL COST	13
Table 3: TRUE UP: Analysis of Performance REVENUE	14
Table 4: TRUE UP: Analysis of Performance ARR DEVIATION (TARIFF ORDER VIS-À-VIS ACTUALS)	15
Table 5: Summary of capital expenditure and capitalization.....	16
Table 6: Operation and Maintenance Expenses.....	17

Table 7: Depreciation for FY:2024-25 to 2028-29	18
Table 8: Interest and Finance Charges on Loan.....	19
Table 9: Interest on Working Capital.....	20
Table 10: Return on Equity.....	21
Table 11: Non Tariff –Income	22
Table 12: ARR for FY 2024-25 to 2028-29.....	23
Table 13: Impact of True-up.....	22
Table 14: Estimated Generation Capacities	27
VIII TARIFF FILING FORMS	
Form 1: Summary Sheet.....	36
Form 2: Operation and Maintenance Expenses.....	37
Form 2.1: Employee Expenses.....	38
Form 2.2: Administration & General Expenses.....	39
Form 2.3: Repair & Maintenance Expenses.....	40
Form 3: Summary of Capital Expenditure and Capitalisation.....	41
Form 3.1: Statement of Capitalisation.....	42
Form 3.2: Financing of Capitalisation.....	43
Form 4: Fixed Assets & Depreciation.....	44-46
Form 5: Interest and finance charges on loan.....	47
Form 6: Interest on working capital.....	48
Form 7: Return on Equity.....	49
Form 8: Non-Tariff Income.....	50
Form 9: Income from Open Access Charges.....	51
Form 10: Revenue from SLDC Charges.....	52
Form 11: Summary of true-up.....	53
Form 12: Generation Capacity.....	54-78
Annexure-I - Capital investment plan of TGSLDC for 5 th control period (investment details)...	79-94
Annexure-II - Compliance report on Directives	95
Annexure-III - Audited statement of Assets & Liabilities of SLDC business for 2022-23.....	96-97

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 (2) 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.

As per the provisions of Andhra Pradesh Reorganization Act, 2014, by enactment of which, Telangana State was formed as the 29th State of the Republic India on 02.06.2014 has necessitated formation of TRANSCO and SLDC for the new State, the Government of AP has created TRANSCO for Telangana to function as Transmission Utility for Telangana and incorporated under Companies Act, 2013.

The Government of Telangana, under the Section 31(1) of the EA 2003 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, Transitional (Reorganization) Regulations, etc.

Under the provisions of Section 31(2) of the EA 2003, the existing SLDC was declared as deemed to have been established by the Government of Telangana vide G.O.Ms.No. 9, dated 17-09-2014 and since been operated by the State Transmission Utility (i.e., TGTRANSCO).

The Telangana SERC has adopted vide its Regulation No. 1 of 2014, previously subsisting Regulations, Decisions, Directions, or Orders, Licenses and Practice of Directions or orders, all the licenses and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) until duly altered, repealed or amended, any of Regulation by the Commission.

Based on ARR filings submitted by TGTRANSCO for 4th Control Period, TGERC had issued Tariff order for the 4th Control Period (FY 2019-20 to FY 2023-24) for SLDC business.

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.

This filing for ARR & SLDC charges for MYT period (FY 2023-24 to FY 2028-29) (5th control period) is in accordance with the provisions of the TGERC Multi Year Tariff Regulation (Regulation No.2 of 2023), Reforms Act, 1998, the Electricity Act, 2003, Licence granted by the erstwhile APERC 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.

TGTRANSCO has to file with the Commission, an application / petition with statements containing details of SLDC charges proposed as per Multi Year Tariff Regulation 2023 dt. 30.12.2023, along with the proposals for Aggregate Revenue Requirement of SLDC business for the 5th Control Period i.e., for FY 2024-25 to FY 2028- 29.

In compliance with the TGERC Regulations and Guidelines, TGTRANSCO, the State Transmission Utility & Transmission Licensee managing the SLDC business herein submits the following in this Petition:

- i. True up Analysis of Performance for 4th Multi Year Tariff Control Period from FY 2019-20 to FY 2023-24.
- ii. Aggregate Revenue Requirement (ARR) for SLDC Business from FY 2024-25 to FY 2028-29 vide Regulation 2 of 2023.
- iii. Proposal of SLDC Charges from FY 2024-25 to FY 2028-29 vide Regulation 2 of 2023.

II True up Analysis of Performance for 4th Multi Year Tariff Control Period from FY 2019-20 to FY 2023-24 vide Regulation 1 of 2006;

The SLDC True up filing is made by the TGTRANSCO as per Clause 4.7 of the Andhra Pradesh Electricity Regulatory Commission (Levy and collection of fees and charges by State Load Despatch Centre) Regulation No.1 of 2006 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 FY2019-20 to FY 2023-24.

The TGTRANSCO is submitting the following as part of filings for FY 2019-20 to FY 2023-24:

- (1) Statement of variance with the Tariff Order for each item in the Aggregate Revenue Requirement and reasons for variation.
- (2) Actual Aggregate Revenue Requirement (ARR) for each year computed based on O&M Charges.
- (3) The Surplus/Deficit for each year is arrived based on actual revenue for the respective year

(a) Operation and Maintenance (O&M) Expenses True Up:

3.1.1

The O&M Expenses cover the Employees Cost, Administrative & General Expenses, Repairs & Maintenance Expenses.

Table-1: True Up: O&M Expenses:

(Rs. in Crore)

Particulars	FY 2019-20			FY 2020-21			FY 2021-22		
	APR Order	Actuals	Devi-ation	APR Order	Actuals	Devi-ation	APR Order	Actuals	Devi-ation
Employees Cost	35.58	35.58	0.00	39.28	39.28	0.00	42.46	42.46	0.00
Administration and General Exp.	0.61	0.61	0.00	0.34	0.35	0.01	0.43	0.43	0.00
Repairs & Maintenance Exp.	0.70	0.70	0.00	0.75	0.75	0.00	1.13	1.13	0.00
Other Expenses	0.00	0.00	0.00	0.00	0.00	0.00	1.82	1.82	0.00
Total:	36.89	36.89	0.00	40.37	40.38	0.01	45.84	45.84	0.00

Particulars	FY 2022-23			FY 2023-24(Prov.)			Total		
	APR Order	Actuals	Deviation	Tariff Order	Actuals	Deviation	APR/Tariff Order	Actuals	Deviation
Employees Cost	53.20	56.94	3.74	37.98	57.09	19.11	208.50	231.35	22.85
Administration and General Exp.	2.84	0.57	-2.27	2.94	0.53	-2.41	7.16	2.49	-4.67
Repairs & Maintenance Exp.	0.54	0.83	0.29	0.56	1.48	0.92	3.68	4.89	1.21
Other Expenses	0.00	0.00	0.00	0.00	0.00	0.00	1.82	1.82	0.00
Total:	56.57	58.35	1.76	41.48	59.10	17.62	221.16	240.55	19.39

Operating Expenses consist of the following expenses:

- Employee Expenses
- Administration and General Expenses
- Repair & Maintenance Expenses
- Other Miscellaneous expenses
- Variance in O&M Expenses:
 - As it could be seen from the above that there is an increase of Rs.19.39 Crores in operating costs for FY 2019-20 to FY 2023-24. The increase is mainly on account of pay revision during FY 2022-23 which were not factored in the Tariff filings for the 4th control period.

(b) Capital Cost True Up:

Capital Cost is a recovery towards Interest & Finance Charges and Depreciation is a claim towards replacement of cost of fixed assets. Depreciation has been calculated for every year on all the fixed assets capitalized as per CERC Methodology.

Table-2 : Capital Cost True Up

(Rs. in Crore)

Particulars	FY 2019-20			FY 2020-21			FY 2021-22		
	APR Order	Actuals	Devi-ation	APR Order	Actuals	Devi-ation	APR Order	Actuals	Devi-ation
Capital Cost	0.00	2.05	2.05	0.00	1.35	1.35	0.00	1.33	1.33
Total:	0.00	2.05	2.05	0.00	1.35	1.35	0.00	1.33	1.33
Particulars	FY 2022-23			FY 2023-24(Provl.)			Total		
	APR Order	Actuals	Devi-ation	Tariff Order	Actuals	Devi-ation	APR/Tariff Order	Actuals	Devi-ation
Capital Cost	0.00	1.32	1.32	6.88	1.17	-5.71	6.88	7.22	0.34
Total:	0.00	1.32	1.32	6.88	1.17	-5.71	6.88	7.22	0.34

There is an increase of Rs.0.34 Crores in Capital cost, as there are no borrowings for CAPEX in SLDC except depreciation amount shown as claim towards replacement of Fixed Assets.

(c) **Revenue True Up:**

The following is the position of Revenue during FY 2019-20 to FY 2023-24:

Table-3 : Revenue True Up

(Rs. in Crore)

Particulars	FY 2019-20			FY2020-21			FY 2021-22		
	APR Order	Actuals	Deviation	APR Order	Actuals	Deviation	APR Order	Actuals	Deviation
Revenue from SLDC Charges									
Operating Charges	30.49	30.49	0.00	38.98	38.98	0.00	41.70	41.70	0.00
Annual Fees	5.67	5.67	0.00	4.96	4.96	0.00	6.16	6.16	0.00
Sub- Total:	36.16	36.16	0.00	43.94	43.94	0.00	47.86	47.86	0.00
Other Income	0.78	0.78	0.00	1.19	1.19	0.00	0.98	0.98	0.00
Total	36.94	36.94	0.00	45.13	45.13	0.00	48.84	48.84	0.00
Particulars	FY 2022-23			FY 2023-24 (Prov.)			Total		
	APR Order	Actuals	Deviation	Tariff Order	Actuals	Deviation	APR/Tariff Order	Actuals	Deviation
Revenue from SLDC Charges									
Operating Charges	40.01	40.01	0.00	40.47	41.67	1.20	191.65	192.85	1.20
Annual Fees	6.58	6.58	0.00	6.88	6.88	0.00	30.25	30.25	0.00
Sub-Total:	46.59	46.59	0.00	47.35	48.55	1.20	221.90	223.10	1.20
Other Income	0.56	0.56	0.00	1.00	0.54	-0.46	4.51	4.05	-0.46
Total	47.15	47.15	0.00	48.35	49.09	0.74	226.41	227.15	0.74

- The Actual Revenue from SLDC Charges during FY 2019-20 to FY 2023-24 is Rs.192.85 Crores as against Rs.191.65 Crores approved by the Hon'ble Commission thereby there is an increase of Rs.1.20 Crores. The main reason for increase is due to revenue from open access consumers.
- Further to the above, there is a decrease of other income of Rs.0.46 Crores is mainly on account of decrease in receipts of processing fees and registration fees.

(d) Surplus/ (Deficit) during the period FY 2019-20 to FY 2023-24.

The Total Aggregate Revenue Requirement (ARR) approved by Hon'ble Commission for FY2019-20 to FY2023-24 is Rs.**228.04** Crores as against which actual ARR is Rs.**247.79** Crores thereby, there is an increase in ARR against approved ARR is Rs.**19.75** Crores. Further, there is an increase in revenue to the tune of Rs.**0.74** Crores against approved revenue resulting a revenue gap of Rs.**19.01** Crores.

The total surplus approved by Hon'ble Commission as per Annual Performance Review orders from FY 2019-20 to 2021-22 is Rs. 7.78 Crores and the deficit approved by Hon'ble commission for FY 2022-23 is Rs.9.42. Hence the net deficit as per SLDC for FY 2023-24 is Rs.12.80 crores. (i.e., Rs 11.17 + Rs 1.63).

Table - 4 : True Up: ARR Deviation – (Tariff Order vis-à-vis Actual):

(Rs. in Crore)

Particulars	FY 2019-20			FY 2020-21			FY 2021-22		
	APR Order	Actuals	Devi-ation	APR Order	Actuals	Devi-ation	APR Order	Actuals	Devi-ation
Total Expenditure	36.90	38.95	2.05	40.37	41.73	1.36	45.84	47.17	1.33
Revenue from SLDC Charges :	36.94	36.94	0.00	45.13	45.13	0.00	48.84	48.84	0.00
Surplus/(Deficit)	-0.04	2.01	2.05	-4.76	-3.40	1.36	-3.00	-1.67	1.33
Less: True up as per APR Orders adjusted	0.00	0.00	0.00	0.00	3.41	3.41	0.00	0.00	0.00
Net Deficit/(Surplus)									
Particulars	FY 2022-23			FY 2023-24			Total		
	APR Order	Actuals	Devi-ation	Tariff Order	Actuals	Devi-ation	APR/ Tariff Order	Actuals	Devi-ation
Total Expenditure	56.57	59.67	3.10	48.36	60.27	-11.91	228.04	247.79	19.75
Revenue from SLDC Charges :	47.15	47.15	0.00	48.35	49.09	0.74	226.41	227.15	0.74
Surplus/(Deficit)	9.42	12.52	3.10	0.01	11.18	11.17	1.63	20.64	19.01
Less: True up as per APR Orders adjusted	0.00	1.33	1.33	0.00	1.32	1.32	0.00	6.06	6.06
Net Deficit/(Surplus)									12.95

III Aggregate Revenue Requirement for the 5th Control Period from 2024-25 to FY 2028-29:

TG SLDC submits Aggregate Revenue Requirement (ARR) of SLDC Activity & proposed SLDC Charges for each year of the Control Period (FY 2024-25 to FY 2028-29) as per the methodology notified by **Telangana State Electricity Regulatory Commission** vide **(Multi Year Tariff) Regulation No.2 of 2023**.

The Aggregate Revenue Requirement comprises of following components:

a) 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:

S. No.	Particulars	(Rs. Crore)				
		FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
		(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
1	Opening Capital Works in Progress	13.86	71.56	8.41	8.21	8.21
2	Capital Expenditure during the year	72.09	23.38	1.22	1.18	1.90
3	Capitalisation during the year	14.39	86.53	1.42	1.18	1.90
4	Closing Capital Works in Progress	71.56	8.41	8.21	8.21	8.21

b) 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. Crore)				
S. No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
		(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
1	Employee Expenses	63.98	67.82	71.89	76.20	80.77
2	A&G Expenses	0.73	0.83	0.94	1.06	1.20
3	R & M Expenses	1.25	2.06	6.96	7.04	7.10
4	Total O&M Expenses	65.96	70.71	79.79	84.30	89.07

- The “Employee cost including unfunded past liabilities of pension and gratuity” has been computed by considering FY 2022-23 as base year and duly escalating at the rate of 6.06% (monthly average of CPI Inflation for FY 2022-23) for FY 2023-24 and for the subsequent years of the control period considering previous year expenses.
- 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 13.1%.
 - Where, K is the average % of R&M expenses on Opening GFA from FY 2019-20 to FY 2022-23 worked out at 5%.
 - WPI Inflation is considered as point-to-point change for FY 2021-22 and FY 2022-23, resulting at 13.1%.
- Admin & General (A&G) expenses have been computed by considering FY 2022-23 as base year and duly escalating at the rate of 13.1% (point-to-point change for FY 2021-22 and FY 2022-23) for FY 2023-24 and for the subsequent years of the control period considering previous year expenses.
- Further, it is to submit that wage revision to the employees is due w.e.f. 01.04.2026. However, the impact of wage revision was not factored in the above projections. The same will be claimed separately based on actuals.

c) Depreciation:

Depreciation is a claim towards replacement cost of fixed assets. Depreciation has been calculated for each year on all the existing and future additions up to FY 2023-24 on straight line method considering the rates notified by the CERC. Further, the depreciation for this control period is arrived based on useful life as declared by TG ERC vide regulation no. 2 of 2023. The following is the position of year wise depreciation claimed:

Form 4: Depreciation for FY 2024-25 to FY 2028-29:

(Rs. in crore)

Particulars	F.Y	F.Y	F.Y	F.Y	F.Y
	2024-25	2025-26	2026-27	2027-28	2028-29
	(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
Land	-	-	-	-	-
Buildings	0.14	0.28	0.28	0.28	0.28
Other Civil Works	0.04	0.06	0.07	0.07	0.07
Plant and Equipment	0.89	0.89	0.89	0.89	0.89
IT Equipment	0.22	7.55	14.70	14.77	14.85
Communication Equipment	0.10	0.24	0.32	0.41	0.51
Furniture and Fixtures	0.03	0.04	0.04	0.04	0.05
Intangible Assets (Computer Software)	0.03	0.07	0.01	0.12	0.13
Office Equipment	0.20	0.20	0.20	0.20	0.20
Total	1.65	9.33	16.51	16.78	16.98

d) 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 Crore)						
S. No.	Particulars	FY	FY	FY	FY	FY
		2024-25	2025-26	2026-27	2027-28	2028-29
		(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
1	Opening Balance of Gross Normative Loan	16.58	27.37	92.26	93.33	94.21
2	Cumulative Repayment till the year	10.04	11.28	18.27	30.66	43.26
3	Opening Balance of Net Normative Loan	6.54	16.09	74.00	62.67	50.96
4	Less: Reduction of Normative Loan due to retirement or replacement of assets	-	-	-	-	-
5	Addition of Normative Loan due to capitalisation during the year	10.79	64.90	1.07	0.88	1.42
6	Repayment of Normative loan during the year	1.65	9.32	16.51	16.78	16.98
7	Closing Balance of Net Normative Loan	15.68	71.67	58.55	46.77	35.40
8	Closing Balance of Gross Normative Loan	27.37	92.26	93.33	94.21	95.63
9	Average Balance of Net Normative Loan	11.11	43.88	66.27	54.72	43.18
10	Weighted average Rate of Interest on actual Loans (%)	9.60	9.60	9.60	9.60	9.60
11	Interest	1.07	4.21	6.36	5.25	4.15
12	Finance charges	-	-	-	-	-
13	Total Interest & Finance charges	1.07	4.21	6.36	5.25	4.15

- 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 9.60% is considered as the weighted average rate of Interest on Actual long term loan portfolio at the beginning of each year.

e) 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.

Form 6: Interest on Working Capital

(Rs.in.Crore)						
S. No.	Particulars	F.Y	F.Y	F.Y	F.Y	F.Y
		2024-25	2025-26	2026-27	2027-28	2028-29
		(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
1	O&M expenses	5.50	5.89	6.65	7.02	7.42
2	Receivables	10.69	10.99	13.60	14.07	14.57
3	Total Working Capital requirement	16.19	16.88	20.25	21.09	21.98
4	Interest rate	10%	10%	10%	10%	10%
5	Interest on working capital	1.62	1.69	2.02	2.11	2.20

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% has been arrived based on SBI MCLR 8.5% plus 150 Basis Points.

f) 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 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
		(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
1	Regulatory Equity at the beginning of the year	2.80	6.40	28.03	28.39	28.68
2	Capitalisation during the year	14.39	86.53	1.42	1.18	1.90
3	Equity portion of capitalisation during the year	3.60	21.63	0.36	0.29	0.47
4	Reduction in Equity Capital on account of retirement /	0.00	0.00	0.00	0.00	0.00
5	Regulatory Equity at the end of the year	6.40	28.03	28.39	28.68	29.17
	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	34.94	34.94	34.94	34.94	34.94
8	Rate of Return on Equity	21.52%	21.52%	21.52%	21.52%	21.52%
	Return on Equity Computation					
9	Return on Regulatory Equity at the beginning of the year	0.60	1.38	6.03	6.11	6.17
10	Return on Regulatory Equity addition during the year	0.39	2.33	0.04	0.03	0.05
11	Total Return on Equity	0.99	3.71	6.07	6.14	6.22

The 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 21.52% (14% rate of return with effective normal tax rate) on opening regulated equity and on the 50% equity addition during the year.

g) 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. No.	Particulars	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
		(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
1	Income from SLDC Processing Fee, Registration Fee and Surcharge	0.50	0.50	0.50	0.50	0.50
	Total	0.50	0.50	0.50	0.50	0.50

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

h) Impact of True-Up for prior period:

Based on the Annual Performance Review orders and Provisional Accounts, Pass through/claim for 4th Control Period is as follows:

(Rs.in crore)

Sl.No	Financial Year	Particulars	Amount
	2023-24	Deficit as per Provisional Accounts	(11.17)
		Less : Surplus approved by TGERC as per APR order (FY 2019-20 to 2021-22)	7.78
		Gap/ Deficit: Approved by TG ERC as per APR order (FY 2022-23)	(9.42)
		Total Approved revenue gap as per APR 2022-23 : (2+3)	(1.63)
		Net Deficit /Claim	(12.80)

It could be seen from the above that the net deficit for the 4th MYT is Rs.(12.80) crores and the same was considered as special appropriation for 5th MYT in FY 2024-25.

i) Aggregate Revenue Requirement:

The following is the position of Aggregate Revenue Requirement from FY2024-25 to FY 2028-29:

Form 1 : ARR for FY 2024-25 to FY 2028-29:

S. No.	Particulars	Units	FY	FY	FY	FY	FY
			2024-25	2025-26	2026-27	2027-28	2028-29
			(n+1)	(n+2)	(n+3)	(n+4)	(n+5)
1	Operation & Maintenance Expenses	Rs. Cr	65.96	70.71	79.79	84.30	89.07
2	Depreciation	Rs. Cr	1.65	9.33	16.51	16.78	16.98
3	Interest and finance charges on loan	Rs. Cr	1.07	4.21	6.36	5.25	4.15
4	Interest on Working Capital	Rs. Cr	1.62	1.69	2.02	2.11	2.20
5	Return on Equity	Rs. Cr	0.99	3.71	6.07	6.14	6.22
6	Less:	Rs. Cr	0	0	0	0	0
7	Non-Tariff Income	Rs. Cr	0.50	0.50	0.50	0.50	0.50
8	Income from Open Access Charges	Rs. Cr	-	-	-	-	-
9	Add:	Rs. Cr	-	-	-	-	-
10	Impact of true-up for prior period	Rs. Cr	12.80	-	-	-	-
11	Aggregate Revenue Requirement	Rs. Cr	83.59	89.16	110.26	114.08	118.11
12	Generation Capacity	MW	23598.52	23366.69	23283.90	23130.72	22600.31
13	SLDC Charges (Rs.ARR/12)/CC	Rs./MW/month	2951.80	3179.74	3946.22	4109.97	4355.03

IV) Proposal of SLDC Tariff and Charges from FY 2024-25 to FY 2028-29 as per 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 2024-25 to FY 2028-29.

SLDC Charges for FY 2024-25 to FY 2028-29:

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

Capital Investment Plans In Telangana State Load Despatch Centre(TGSLDC) of TGTRANSCO for FY2024-25 to FY 2028-2029 control period

Investment Plan for 5th control period

Particulars	FY2023-24 (Base Year) Provisional	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
Investments proposed during the year	8.55	72.09	23.38	1.22	1.18	1.90

Major Works to be taken up during the 5th control period:

I. Construction of building & Providing infrastructure at Backup SLDC at 220 KV

Warangal SS:

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. Plinth construction is under progress.

Period of execution: 9 months, The due date for completion of the work is 14.08.2024

II. Upgradation of existing SCADA/EMS 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 operator in the operation and control of real time system for the reliable, efficient and secure grid operations.

Estimated cost: Rs.96,48,55,606/- (Includes 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. Tenders were called for in the month of March -2023 by Grid-India. Pre bid meetings were concluded. Vendors requested 45 days time for placing commercial bids.

Period of execution: 20 months (tentative).

III. 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 drawls. The Stakeholders are TGGENCO, TS DISCOMs, IPPs, CPPs, EHT PDs (Both RE and non-RE) etc.

In present scenario, energy exchanges between TSDISCOMs 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 5MW 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 GRPS modems with Ethernet port for obtaining continuous meter data online for carrying out weekly energy settlements,

Cost Estimate: Rs.21.95 Crore

Present Status:

1. Tenders were called for procurement of interface energy meters. Technical demonstration is completed, Price bids are opened and PO is to be placed.
2. Tenders are floated for development of IT Applications for all modules of SAMAST. Pre bid meeting was concluded and corrigendum is issued.

Execution period: Slated to be completed by November-2025 (tentative)

IV. Implementation of Automatic Generation Control (AGC) at TGSLDC

AGC is a control mechanism used in power systems to automatically regulate the output of generators in response to changes in load and other system conditions.

AGC often uses the system frequency as a primary feedback signal. Deviations from the nominal frequency indicate imbalances between generation and load.

Reduces the risk of power outages and blackouts by quickly responding to changes in demand and generation.

Minimizing Area Control Error (ACE): ACE represents the difference between the actual frequency and the scheduled frequency, adjusted for tie-line deviations. The objective of AGC is to minimize ACE by adjusting the generation within the control area.

Optimizing Generation Dispatch: AGC optimally dispatches generation resources to ensure that the most economical and reliable generators are utilized. This involves making real-time decisions to balance the load and generation while considering the operating constraints of individual generators.

AGC is proposed under 5.1 (C) of PSDF scheme with 90% PSDF funding.

Cost Estimate: Rs.5,20,81,323/-

PSDF funding : 4,68,73,191/-

TGTRANSCO: 27,36,000/-

TGGENCO: 24,72,132/-

Present Status: PSDF committee has returned the proposals due to lack of funds for a period of one year. The file will be resent for approval next year.

V) Capital Investment Scheme details of IT Wing for 2024-25 to 2028-29.

The project contains Installation, Commissioning and Purchasing of Hardware and Software required for running IT applications.

As the existing IT applications are hosted and running in ordinary Desktop Systems which are not designed to work round the clock and are more prone to crash and failures which causes interruptions to live operations. There is no redundancy mechanism to meet failovers due to non-availability of necessary Hardware.

And some of the other applications are mission critical such that the non-availability of the applications makes System Operator take incorrect action/decision which leads to huge financial loss.

Tentative Cost: Rs.1,41,32,126/-

Present Status: Proposal will be taken up in FY 2025-26

VI) Implementation of Demand & Price Forecast solutions at TGSLDC

Demand Forecast is a crucial aspect in power system operation. The software solution is required for week ahead, day ahead & Intraday Demand estimation on 15/5 minutes interval for the State of Telangana.

The software solution shall deploy the dynamic and real time demand forecasting and Analytical Solution dashboard for TSSLDC.

The software Shall include the following modules:

- A) Short Term Demand Forecasting (in MW)
 - Intra - day forecast at 15/5 minutes time block
 - Day ahead forecast at 15/5 minutes time block
- B) Medium Term Demand Forecasting (in MW)
 - Week ahead forecast at 15/5 minutes time block
 - Month ahead forecast at 15/5 minutes time block.
- C) Long term Demand Forecasting (in MW)
 - Year Ahead forecast at 15/5 minutes time block.
- D) Power Exchange Price Forecast
 - Price Forecast in various products DAM, RTM, TAM, GTAM, GDAM, REC, ESCERTS etc

Cost Estimate:: Rs.7,99,00,000/-

Present Status: Proposal will be taken up in the 5th Control Period.

VI) Total Generation Capacity:

The total generation capacity estimated, including the capacity related to Open Access consumers over the next 5 years is as shown below:

TABLE: 8 Estimated Generation Contracted Capacities

(in MW)

Sl. No	Source of Power	FY 2023-24 Provisional	FY2024-25	FY2025-26	FY2026-27	FY 2027-28	FY 2028-29
I	Genco	6040.16	9784.16	9784.16	9784.16	9784.16	9784.16
A	Thermal	3740.45	7484.45	7484.45	7484.45	7484.45	7484.45
B	Hydro	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71
II	Interstate Hydel	0.00	75.55	75.55	75.55	75.55	75.55
III	Central Generating Stations	3674.22	3674.22	3674.22	3591.43	3446.26	2938.35
IV	Joint Sector	0.00	0.00	0.00	0.00	0.00	0.00
V	IPPs (Gas projects)	0.00	424.86	193.03	193.03	193.03	193.03
VI	Others (Singareni, Thermal powertech)	1970.45	1400.45	1400.45	1400.45	1400.45	1400.45
VII	NCE	5395.47	8109.52	8109.52	8109.52	8101.52	8079.02
	TOTAL	17080.31	23468.77	23236.94	23154.15	23000.97	22470.56
VIII	Open Access Generators	373.08	129.75	129.75	129.75	129.75	129.75
	GRAND TOTAL(MW)	17453.39	23598.52	23366.69	23283.90	23130.72	22600.31

Note:- Generating Station wise details are given in Tariff Filing Form 12.

Form 12 : SLDC Contracted Capacities (in MW) for the 5 th Control Period (FY:2024-25 to FY:2028-29) in MW								
Sl. No	Generating Station/Unit/ Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	TSDISCOMS' SHARE (Projected) (in MW)				
				(n+1) FY2024-25	(n+2) FY2025-26	(n+3) FY2026-27	(n+4) FY2027-28	(n+5) FY2028-29
(A)	GENCO THERMAL:							
1	KTPS-V	500 (2X250)	455.00	455.00	455.00	455.00	455.00	455.00
2	KTPS-VI	500	462.50	462.50	462.50	462.50	462.50	462.50
3	KTPS-VII	800	758.00	758.00	758.00	758.00	758.00	758.00
4	KTPP-I	500	462.50	462.50	462.50	462.50	462.50	462.50

Filing of ARR of SLDC business for Fifth Control Period (FY 2024-25 to FY 2028-29)

5	KTPP-II	600	558.00	558.00	558.00	558.00	558.00	558.00
6	RTS-B	62.5	56.25	56.25	56.25	56.25	56.25	56.25
7	BTPS	1080 (4X270)	988.20	988.20	988.20	988.20	988.20	988.20
8	YTPS	4000 (5x800)	3744.00	3744.00	3744.00	3744.00	3744.00	3744.00
	Total Thermal (A):	8042.50	7484.45	7484.45	7484.45	7484.45	7484.45	7484.45
(B)	GENCO HYDEL:							
1	SrisailemLeft Bank HES	900	889.20	889.20	889.20	889.20	889.20	889.20
2	NSPH	815.6	807.44	807.44	807.44	807.44	807.44	807.44
3	NSLCPH	60	59.40	59.40	59.40	59.40	59.40	59.40
4	Lower Jurala HES	240	237.60	237.60	237.60	237.60	237.60	237.60
5	Pulichintala	120	118.80	118.80	118.80	118.80	118.80	118.80
6	Priyadarshini Jurala HES	234	115.83	115.83	115.83	115.83	115.83	115.83
7	Pochampad PH (I-IV)	36	35.64	35.64	35.64	35.64	35.64	35.64
8	Singur	15	14.85	14.85	14.85	14.85	14.85	14.85
9	Nizam Sagar PH	10	9.90	9.90	9.90	9.90	9.90	9.90
10	Mini Hydel (Peddapalli)	9.16	9.07	9.07	9.07	9.07	9.07	9.07
11	Palair	2	1.98	1.98	1.98	1.98	1.98	1.98
	Total Hydel (B):	2441.76	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71
	Interstate Hydel							
1	Machkund	84	44.82	44.82	44.82	44.82	44.82	44.82
2	TBDam	57.60	30.73	30.73	30.73	30.73	30.73	30.73
	Total Interstate Hydel	141.60	75.55	75.55	75.55	75.55	75.55	75.55
(C)	CENTRAL GENERATING STATIONS:							
1	NTPC (SR)-I & II	2100	327.43	327.43	327.43	327.43	327.43	327.43
2	NTPC (SR) Stage-III	500	82.79	82.79	82.79	0.00	0.00	0.00
3	NTPC Talcher StageII	2000	203.54	203.54	203.54	203.54	203.54	203.54
4	NLC Stage-I	580	4.89	4.89	4.89	4.89	4.89	4.89
5	NLC Stage-II	790	6.43	6.43	6.43	6.43	6.43	6.43
6	NPC-MAPS	440	19.78	19.78	19.78	19.78	0.00	0.00

Filing of ARR of SLDC business for Fifth Control Period (FY 2024-25 to FY 2028-29)

7	NPC-Kaiga Unit-I&II	440	60.77	60.77	60.77	60.77	0.00	0.00
8	NPC-Kaiga Unit-III & IV	440	64.63	64.63	64.63	64.63	0.00	0.00
9	NTPC Simhadri Stage-I	1000	507.91	507.91	507.91	507.91	507.91	0.00
10	NTPC Simhadri Stage-II	1000	241.89	241.89	241.89	241.89	241.89	241.89
11	NTECL Vallur Thermal Power Plant	1500	99.81	99.81	99.81	99.81	99.81	99.81
12	NLC Tamilnadu (Tuticorn) Unit-I & Unit II	1000	139.35	139.35	139.35	139.35	139.35	139.35
13	Kudigi Unit-I, II & III	2400	262.71	262.71	262.71	262.71	262.71	262.71
14	New Neyvelli Thermal Power plant	934	58.07	58.07	58.07	58.07	58.07	58.07
15	NLC Exp-I	420	5.18	5.18	5.18	5.18	5.18	5.18
16	NLC Exp-II	500	6.06	6.06	6.06	6.06	6.06	6.06
17	Telangana STPP	1600	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99
18	KKNPP (Kudankulam Nuclear Power Plant) Unit-I	1000	4.14	4.14	4.14	4.14	4.14	4.14
19	KKNPP (Kudankulam Nuclear Power Plant) Unit-II	1000	46.10	46.10	46.10	46.10	46.10	46.10
20	NVVNL Bundled power (coal)	45.81	42.92	42.92	42.92	42.92	42.92	42.92
21	NSM Bundled Phase -II *	25650	186.83	186.83	186.83	186.83	186.83	186.83
	Total CGS	45339.81	3674.22	3674.22	3674.22	3591.43	3446.26	2938.35
(D)	Other Projects							
1	Singareni Thermal Power Plant	1200	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00
2	Atal Bihari Vajpayee thermal Power Plant, Chattisgarh (formerly Marwa Power Plant)	1000	947.50	0.00	0.00	0.00	0.00	0.00
3	Thermal Power Tech (Unit - I) (Sembcorp I)	1320	269.45	269.45	269.45	269.45	269.45	269.45
4	Thermal Power Tech (Unit - II) (Sembcorp-II)		570.00	0.00	0.00	0.00	0.00	0.00
	Total : Other Projects	3520	2917.95	1400.95	1400.95	1400.95	1400.95	1400.95

Filing of ARR of SLDC business for Fifth Control Period (FY 2024-25 to FY 2028-29)

E	Gas Projects							
.1	GVK	220	115.43	0.00	0.00	0.00	0.00	0.00
2	Vemagiri	370	193.03	193.03	193.03	193.03	193.03	193.03
3	Gouthami	464	242.50	0.00	0.00	0.00	0.00	0.00
4	Kona seema	444.08	231.83	231.83	0.00	0.00	0.00	0.00
	Total Gas projects	1498.08	782.79	424.86	193.03	193.03	193.03	193.03
(F)	NCE (Non-conventional energy or Renewable energy)							
1	RE-Solar	7876.92	7876.92	7876.92	7876.92	7876.92	7876.92	7876.92
2	RE-Biomass	6.00	6.00	6.00	6.00	6.00	6.00	0
3	RE-Bagasse	61.70	61.70	61.70	61.70	61.70	55.70	39.20
4	RE-IW	15.00	15.00	15.00	15.00	15.00	15.00	15.00
5	RE-Minihydel	2.55	2.55	2.00	2.00	2.00	0.00	0.00
6	RE-MSW	19.80	19.80	19.80	19.80	19.80	19.80	19.80
7	Re-Wind	128.10	128.10	128.10	128.10	128.10	128.10	128.10
	Total NCEs	8110.07	8110.07	8109.52	8109.52	8109.52	8101.52	8079.02
	Discom Contracts Total	69093.82	25344.76	23468.77	23236.94	23154.15	23000.97	22470.56
	LT Open Access Contracts Total	129.75	129.75	129.75	129.75	129.75	129.75	129.75
	SLDC : Total Generation Contracted Capacity (in MW)	69223.57	25474.51	23598.52	23366.69	23283.90	23130.72	22600.14

Appendix 3: Tariff Filing Forms (SLDC)

**Tariff Filing Formats - SLDC
Checklist**

S. No.	Form	Title	Tick
1	Form 1	Summary Sheet	
2	Form 2	Operation and Maintenance Expenses	
3	Form 2.1	Employee Expenses	
4	Form 2.2	Administration & General Expenses	
5	Form 2.3	Repair & Maintenance Expenses	
6	Form 3	Summary of Capital Expenditure and Capitalisation	
7	Form 3.1	Statement of Additional Capitalisation after COD	
8	Form 3.2	Financing of Additional Capitalisation	
9	Form 4	Fixed Assets & Depreciation	
10	Form 5	Interest and finance charges on loan	
11	Form 6	Interest on working capital	
12	Form 7	Return on Equity	
13	Form 8	Non-Tariff Income	
14	Form 9	Income from Open Access Charges	
15	Form 11	Revenue from Transmission Charges	
16	Form 11	Summary of true-up	
17	Form 12	Contracted Capacity	

IDC Calculations

Particulars	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Opening CWIP	-		54.32	-	-	-
Investment during the year	-	54.32	10.18	-	-	-
Opening IDC	-	-	2.61	-	-	-
IDC amount	-	2.61	5.70	-	-	-
Capitalisation - Before IDC	-	-	64.51	-	-	-
IDC Capitalisation	-	-	8.31	-	-	-
Total Capitalisation	-		72.82	-	-	-
Closing IDC	-	2.61	-	-	-	-
Interest rate	9.60%	9.60%	9.60%	9.60%	9.60%	9.60%

SLDC
Form 1: Summary Sheet

S. No.	Particulars	Units	Reference	2022-23			2023-24				Control Period					Remarks
				APR Order	April-March	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	April - March	2024-25	2025-26	2026-27	2027-28	2028-29	
				Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected	
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	56.57	58.35	1.77	41.48	31.38	30.70	62.09	65.96	70.71	79.79	84.30	89.07	
2	Depreciation	Rs. Crore	Form 4	-	1.32	1.32	6.88	0.12	1.05	1.17	1.65	9.33	16.51	16.78	16.98	
3	Interest and finance charges on loan	Rs. Crore	Form 5	-	-	-	-	-	-	-	1.07	4.21	6.36	5.25	4.15	
4	Interest on Working Capital	Rs. Crore	Form 6	-	-	-	-	-	-	-	1.62	1.69	2.02	2.11	2.20	
5	Return on Equity	Rs. Crore	Form 7	-	-	-	-	-	0.41	0.41	0.99	3.71	6.07	6.14	6.22	
6	Less:			-	-	-	-	-	-	-	-	-	-	-	-	
6.1	Non-Tariff Income	Rs. Crore	Form 8	0.56	0.56	0.00	1.00	0.27	0.27	0.54	0.50	0.50	0.50	0.50	0.50	
6.2	Income from Open Access Charges	Rs. Crore	Form 9	-	-	-	-	-	-	-	-	-	-	-	-	
7	Add:			-	-	-	-	-	-	-	-	-	-	-	-	
7.1	Impact of true-up for prior period	Rs. Crore	Form 11	9.42	12.52	3.10	-	-	-	-	12.80	-	-	-	-	
8	Aggregate Revenue Requirement	Rs. Crore		56.57	59.67	3.10	47.36	31.23	31.89	63.13	83.59	89.16	110.26	114.08	118.11	
9	Generation Capacity	MW	Form 12	23302.9	23302.91	-	23311.22	23311.22	23311.22	23311.22	23598.52	23366.69	23283.90	23130.72	22600.31	
10	SLDC Charges	Rs./MW/month								2256.88	2951.80	3179.74	3946.22	4109.97	4355.03	

SLDC
Form 2: Operation and Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	Reference	2022-23			2023-24				Control Period				
			APR Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
			Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	Employee Expenses	Form 2.1	53.2	56.94	3.74	37.98	30.89	29.47	60.36	63.98	67.82	71.89	76.20	80.77
2	A&G Expenses	Form 2.2	2.84	0.58	-2.26	2.94	0.21	0.42	0.64	0.73	0.83	0.94	1.06	1.20
3	R & M Expenses	Form 2.3	0.54	0.83	0.29	0.56	0.28	0.81	1.09	1.25	2.06	6.96	7.04	7.10
4	Total O&M Expenses		56.57	58.35	1.77	41.48	31.38	30.70	62.09	65.96	70.71	79.79	84.30	89.07

SLDC
Form 2.1: Employee Expenses

(Rs. Crore)

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24			Control Period				
		Apr-Mar	Apr-Mar	Apr-Mar	Apr-Mar	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
		Audited	Audited	Audited	Audited	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	Basic Salary	20.84	22.58	23.54	34.80	19.05	17.83	36.89	39.10	41.45	43.93	46.57	49.36
2	Dearness Allowance (DA)	1.81	3.50	5.10	5.07	1.68	3.70	5.38	5.70	6.04	6.40	6.79	7.19
3	House Rent Allowance	0.21	0.29	3.13	5.05	2.55	2.81	5.35	5.68	6.02	6.38	6.76	7.17
4	Conveyance Allowance	0.21	0.25	0.24	0.25	0.13	0.14	0.27	0.29	0.30	0.32	0.34	0.36
5	Leave Travel Allowance	-	-	-	-	-	-	-	-	-	-	-	-
6	Earned Leave Encashment	2.06	1.26	1.11	1.23	1.03	0.27	1.30	1.38	1.46	1.55	1.64	1.74
7	Other Allowances	4.59	4.81	2.12	2.47	1.24	1.37	2.61	2.77	2.94	3.11	3.30	3.50
8	Medical Reimbursement	-	-	-	-	-	-	-	-	-	-	-	-
9	Overtime Payment	-	-	-	-	-	-	-	-	-	-	-	-
10	Bonus/Ex-Gratia Payments	0.03	-	-	-	-	-	-	-	-	-	-	-
11	Interim Relief / Wage Revision	-	-	-	-	-	-	-	-	-	-	-	-
12	Staff welfare expenses	-	-	-	-	-	-	-	-	-	-	-	-
13	VRS Expenses/Retrenchment Compensation	-	-	-	-	-	-	-	-	-	-	-	-
14	Commission to Directors	-	-	-	-	-	-	-	-	-	-	-	-
15	Training Expenses	-	-	-	-	-	-	-	-	-	-	-	-
16	Payment under Workmen's Compensation Act	-	-	-	-	-	-	-	-	-	-	-	-
17	Net Employee Costs	-	-	-	-	-	-	-	-	-	-	-	-
18	Terminal Benefits	3.92	4.41	4.68	5.35	4.52	1.15	5.67	6.01	6.37	6.75	7.16	7.59
18.1	Provident Fund Contribution	1.31	1.54	1.73	1.87	0.14	1.83	1.98	2.10	2.22	2.36	2.50	2.65
18.2	Provision for PF Fund	-	-	-	-	-	-	-	-	-	-	-	-
18.3	Pension Payments	-	-	-	-	-	-	-	-	-	-	-	-
18.4	Gratuity Payment	0.60	0.64	0.81	0.86	0.56	0.35	0.91	0.97	1.02	1.08	1.15	1.22
19	Unfunded past liabilities of pension and gratuity	-	-	-	-	-	-	-	-	-	-	-	-
20	Others	-	-	-	-	-	-	-	-	-	-	-	-
21	Gross Employee Expenses	35.58	39.28	42.46	56.94	30.89	29.47	60.36	63.98	67.82	71.89	76.20	80.77
22	Less: Expenses Capitalised	-	-	-	-	-	-	-	-	-	-	-	-
23	Net Employee Expenses	35.58	39.28	42.46	56.94	30.89	29.47	60.36	63.98	67.82	71.89	76.20	80.77

SLDC
Form 2.2: Administration & General Expenses

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24			Control Period				
		Apr-Mar	Apr-Mar	Apr-Mar	Apr-Mar	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
		Audited	Audited	Audited	Audited	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	Rent Rates & Taxes	-	-	0.05	-	-	-	-	-	0.01	0.01	0.01	0.01
2	Insurance	-	-	-	-	-	-	-	0.01	0.01	0.01	0.01	0.01
3	Telephone & Postage, etc.	0.08	0.06	0.04	0.03	0.01	0.02	0.04	0.04	0.05	0.06	0.06	0.07
4	Legal charges & Audit fee	-	-	-	-	-	-	-	-	-	-	-	-
5	Professional, Consultancy, Technical fee	-0.60	-0.01	-	-	-	-	-	-	-	-	-	-
6	Conveyance & Travel	0.10	0.01	-	0.07	0.03	0.05	0.08	0.08	0.10	0.11	0.12	0.14
7	Electricity charges	-	-	-	-	-	-	-	-	-	-	-	-
8	Water charges	-	-	-	-	-	-	-	-	-	-	-	-
9	Security arrangements	-	-	-	-	-	-	-	-	-	-	-	-
10	Fees & subscription	-	-	-	0.01	-	0.01	0.01	0.01	0.02	0.02	0.02	0.02
11	Books & periodicals	-	-	-	-	-	-	-	-	-	-	-	0.01
12	Computer Stationery	-	-	-	-	-	-	-	-	-	-	-	-
13	Printing & Stationery	0.01	-	0.03	0.01	0.01	0.00	0.01	0.02	0.02	0.02	0.02	0.03
14	Advertisements	-	-	-	-	-	-	-	-	-	-	-	-
15	Purchase Related Advertisement Expenses	-	-	-	-	-	-	-	-	-	-	-	-
16	Contribution/Donations	-	-	-	-	-	-	-	-	-	-	-	-
17	License Fee and other related fee	-	-	-	-	-	-	-	-	-	-	-	-
18	Vehicle Running Expenses Truck / Delivery Van	-	-	-	-	-	-	-	-	-	-	-	-
19	Vehicle Hiring Expenses Truck / Delivery Van	0.21	0.25	0.29	0.33	0.13	0.23	0.36	0.41	0.46	0.52	0.59	0.67
20	Cost of services procured	-	-	-	-	-	-	-	-	-	-	-	-
21	Outsourcing of metering and billing system	-	-	-	-	-	-	-	-	-	-	-	-
22	Freight On Capital Equipments	-	-	-	-	-	-	-	-	-	-	-	-
23	V-sat, Internet and related charges	-	-	-	-	-	-	-	-	-	-	-	-
24	Training	0.08	0.01	-	0.04	0.01	0.03	0.04	0.05	0.05	0.06	0.07	0.08
25	Bank Charges	-	-	-	-	-	-	-	-	-	-	-	-
26	Miscellaneous Expenses	0.01	0.02	0.02	0.03	0.02	0.01	0.03	0.03	0.04	0.04	0.05	0.06
27	Office Expenses	-	-	-	-	-	-	-	-	-	-	-	-
28	Others	0.71	-	0.01	0.06	-	0.06	0.06	0.07	0.08	0.09	0.11	0.12
29	Gross A & G Expenses	0.61	0.35	0.43	0.58	0.21	0.42	0.64	0.73	0.83	0.94	1.06	1.20
30	Less: Expenses Capitalised	-	-	-	-	-	-	-	-	-	-	-	-
31	Net A & G Expenses	0.61	0.35	0.43	0.58	0.21	0.42	0.64	0.73	0.83	0.94	1.06	1.20

SLDC
Form 2.3: Repair & Maintenance Expenses

(Rs. Crore)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24			Control Period				
		Apr-Mar	Apr-Mar	Apr-Mar	Apr-Mar	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
		Audited	Audited	Audited	Audited	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	Plant & Machinery	0.04	0.01	0.20	0.06	-	0.09	0.09	0.52	0.25	0.83	0.84	0.85
2	Buildings	-	-	0.04	-	-	0.01	0.01	0.32	0.14	0.49	0.49	0.52
3	Civil Works	-	-	0.06	-	-	0.01	0.01	0.06	0.04	0.14	0.14	0.14
4	Hydraulic Works	-	-	-	-	-	-	-	-	-	-	-	-
5	Lines & Cable Networks	-	-	-	-	-	-	-	-	-	-	-	-
6	Vehicles	-	-	-	-	-	-	-	-	-	-	-	-
7	Furniture & Fixtures	0.01	-	0.01	0.00	-	0.01	0.01	0.01	0.01	0.01	0.00	0.00
8	Office Equipment	0.58	0.58	0.54	0.70	0.26	0.52	0.78	0.20	0.10	0.35	0.28	0.31
9	IT Equipment	0.08	0.17	0.28	0.07	0.02	0.17	0.19	0.09	1.49	5.01	5.08	5.03
10	Communiaction Equipment	-	-	-	-	-	-	-	0.05	0.04	0.14	0.21	0.25
11	Gross R&M Expenses	0.70	0.75	1.13	0.83	0.28	0.81	1.09	1.25	2.06	6.96	7.04	7.10
12	Gross Fixed Assets at beginning of year	14.49	17.29	17.63	18.95	19.25	19.25	19.25	22.12	36.51	123.04	124.46	125.64
13	R&M Expenses as % of GFA at beginning of year	4.86%	4.36%	6.42%	4.38%	1.45%	4.20%		5.66%	5.66%	5.66%	5.66%	5.66%

SLDC
Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

S. No.	Particulars	FY 2022-23			FY 2023-24				Control Period				
		MYT/Tariff Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
		Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated	Project ed	Project ed	Project ed	Project ed	Project ed
1	Opening Capital Works in Progress	-	8.06	-	-	8.18	0.00	8.18	13.86	71.56	8.41	8.21	8.21
2	Capital Expenditure during the year	-	0.42	-	-	0.32	8.23	8.55	72.09	23.38	1.22	1.18	1.90
3	Capitalisation during the year	-	0.30	-	-	0.29	2.57	2.86	14.39	86.53	1.42	1.18	1.90
4	Closing Capital Works in Progress	-	8.18	-	-	0.00	13.86	13.86	71.56	8.41	8.21	8.21	8.21

SLDC
Form 3.1: Statement of Capitalisation

S. No.	FY	Name of the Scheme	Name of the work	Total estimated cost* (Rs. Crore)	Capital expenditure during the year (Rs. Crore)	Capitalisation during the year (Rs. Crore)	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TG ERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	Year (n-1)									
1										
2										
3										
...										
	Total	0.00		0.00	0.00	0.00				
	Current Year 'n'									
1										
2										
3										
...										
	Total	0.00		0.00	0.00	0.00				
	Year (n+1)									
1										
2										
3										
...										
	Total	0.00		0.00	0.00	0.00				
	Year (n+2)									
1										
2										
3										
...										
	Total	0.00		0.00	0.00	0.00				
	Year (n+3)									
1										
2										
3										
...										
	Total	0.00		0.00	0.00	0.00				
	Year (n+4)									
1										
2										
3										
...										
	Total	0.00		0.00	0.00	0.00				
	Year (n+5)									
1										
2										
3										
...										
	Total	0.00		0.00	0.00	0.00				

SLDC
Form 3.2: Financing of Capitalisation

S. No.	Particulars	Year (n-1)	Current Year 'n'			Control Period				
			Apr-Sep	Oct-Mar	Apr - Mar	n+1	n+2	n+3	n+4	n+5
			Actual	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected
1	Additional capitalisation				0.00	0.00	0.00	0.00	0.00	0.00
2	Financing Details									
	Loan 1									
	Loan 2									
	...									
	Total Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Equity									
4	Internal Resources									
5	Others (Please Specify)									
6	Total (2+3+4+5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SLDC
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2022-23													
S.No.	Asset Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	PLANT AND MACHINE	100500	5.28%	13.13	0.06	0.00	13.18	7.62	0.65	0.00	8.27	5.51	4.91
2	FURNITURE & FIXTURES	100800	6.33%	0.16	0.01	0.00	0.17	0.05	0.01	0.00	0.06	0.12	0.12
3	INTANGIBLE ASSETS	100860	15.00%	0.23	0.00	0.00	0.23	0.14	0.04	0.00	0.17	0.09	0.06
4	OFFICE EQUIPMENT	100900	6.33%	5.43	0.24	0.00	5.67	3.10	0.62	0.00	3.72	2.33	1.95
Total				18.95	0.31	0.00	19.25	10.91	1.32	0.00	12.23	8.04	7.04

FY 2023-24													
S.No.	Asset Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDING	100200	3.34%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	CIVIL WORKS	100300	3.34%	0.00	0.91	0.00	0.91	0.00	0.02	0.00	0.02	0.00	0.89
3	PLANT AND MACHINERY	100500	5.28%	13.18	1.81	0.00	14.99	8.27	0.75	0.00	9.02	4.91	5.98
4	FURNITURE & FIXTURES	100800	6.33%	0.17	0.15	0.00	0.32	0.06	0.02	0.00	0.07	0.12	0.25
5	INTANGIBLE ASSETS	100860	15.00%	0.23	0.00	0.00	0.23	0.17	0.04	0.00	0.21	0.06	0.02
6	OFFICE EQUIPMENT	100900	6.33%	5.67	0.00	0.00	5.67	3.72	0.36	0.00	4.08	1.95	1.59
Total				19.25	2.86	0.00	22.12	12.23	1.17	0.00	13.39	7.04	8.73

FY 2024-25													
S.No.	Asset Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDING	100200	3.00%	0.00	9.31	0.00	9.31	0.00	0.14	0.00	0.14	0.00	9.17
2	CIVIL WORKS	100300	3.00%	0.91	0.75	0.00	1.66	0.02	0.04	0.00	0.05	0.89	1.61
3	PLANT AND MACHINERY	100500	16.67%	14.99	0.00	0.00	14.99	9.02	0.89	0.00	9.91	5.97	5.08
4	IT EQUIPMENT	100500	16.67%	0.00	2.69	0.00	2.69	0.00	0.22	0.00	0.22	0.00	2.47
5	COMMUNICATION EQUIPMENT	100500	12.86%	0.00	1.51	0.00	1.51	0.00	0.10	0.00	0.10	0.00	1.42
6	FURNITURE & FIXTURES	100800	9.00%	0.32	0.05	0.00	0.37	0.07	0.03	0.00	0.10	0.25	0.27
7	INTANGIBLE ASSETS	100860	20.00%	0.23	0.08	0.00	0.31	0.21	0.03	0.00	0.24	0.02	0.07
8	OFFICE EQUIPMENT	100900	9.00%	5.67	0.00	0.00	5.67	4.08	0.20	0.00	4.28	1.59	1.39
Total				22.12	14.39	0.00	36.51	13.39	1.65	0.00	15.04	8.73	21.48

SLDC
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2025-26													
S.No.	Asset Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDING	100200	3.00%	9.31	0.00	0.00	9.31	0.14	0.28	0.00	0.42	9.17	8.89
2	CIVIL WORKS	100300	3.00%	1.66	0.55	0.00	2.21	0.05	0.06	0.00	0.11	1.61	2.10
3	PLANT AND MACHINERY	100500	16.67%	14.99	0.00	0.00	14.99	9.91	0.89	0.00	10.80	5.08	4.19
4	IT EQUIPMENT	100500	16.67%	2.69	85.21	0.00	87.90	0.22	7.55	0.00	7.77	2.47	80.13
5	COMMUNICATION EQUIPMENT	100500	12.86%	1.51	0.64	0.00	2.15	0.10	0.24	0.00	0.33	1.42	1.82
6	FURNITURE & FIXTURES	100800	9.00%	0.37	0.05	0.00	0.42	0.10	0.04	0.00	0.14	0.27	0.28
7	INTANGIBLE ASSETS	100860	20.00%	0.31	0.08	0.00	0.39	0.24	0.07	0.00	0.31	0.07	0.08
8	OFFICE EQUIPMENT	100900	9.00%	5.67	0.00	0.00	5.67	4.28	0.20	0.00	4.48	1.39	1.19
	Total			36.51	86.53	0.00	123.04	15.04	9.33	0.00	24.36	21.48	98.67

FY 2026-27													
S.No.	Asset Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDING	100200	3.00%	9.31	0.00	0.00	9.31	0.42	0.28	0.00	0.70	8.89	8.61
2	CIVIL WORKS	100300	3.00%	2.21	0.05	0.00	2.26	0.11	0.07	0.00	0.18	2.10	2.08
3	PLANT AND MACHINERY	100500	16.67%	14.99	0.00	0.00	14.99	10.80	0.89	0.00	11.70	4.19	3.29
4	IT EQUIPMENT	100500	16.67%	87.90	0.54	0.00	88.44	7.77	14.70	0.00	22.47	80.13	65.97
5	COMMUNICATION EQUIPMENT	100500	12.86%	2.15	0.69	0.00	2.84	0.33	0.32	0.00	0.65	1.82	2.19
6	FURNITURE & FIXTURES	100800	9.00%	0.42	0.05	0.00	0.47	0.14	0.04	0.00	0.18	0.28	0.29
7	INTANGIBLE ASSETS	100860	20.00%	0.39	0.09	0.00	0.48	0.31	0.01	0.00	0.32	0.08	0.15
8	OFFICE EQUIPMENT	100900	9.00%	5.67	0.00	0.00	5.67	4.48	0.20	0.00	4.68	1.19	0.99
	Total			123.04	1.42	0.00	124.46	24.36	16.51	0.00	40.89	98.67	83.58

SLDC
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2027-28													
S.No.	Asset Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDING	100200	3.00%	9.31	0.00	0.00	9.31	0.70	0.28	0.00	0.98	8.61	8.33
2	CIVIL WORKS	100300	3.00%	2.26	0.05	0.00	2.31	0.18	0.07	0.00	0.25	2.08	2.06
3	PLANT AND MACHINERY	100500	16.67%	14.99	0.00	0.00	14.99	11.70	0.89	0.00	12.59	3.29	2.40
4	IT EQUIPMENT	100500	16.67%	88.44	0.29	0.00	88.73	22.47	14.77	0.00	37.24	65.97	51.49
5	COMMUNICATION EQUIPMENT	100500	12.86%	2.84	0.69	0.00	3.53	0.65	0.41	0.00	1.06	2.19	2.46
6	FURNITURE & FIXTURES	100800	9.00%	0.47	0.05	0.00	0.52	0.18	0.04	0.00	0.22	0.29	0.30
7	INTANGIBLE ASSETS	100860	20.00%	0.48	0.10	0.00	0.58	0.32	0.12	0.00	0.44	0.15	0.13
8	OFFICE EQUIPMENT	100900	9.00%	5.67	0.00	0.00	5.67	4.68	0.20	0.00	4.88	0.99	0.79
	Total			124.46	1.18	0.00	125.64	40.89	16.78	0.00	57.66	83.58	67.97

FY 2028-29													
S.No.	Asset Group	A/c Code	Rate of Depreciation	Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
				At the beginning of the year	Additions during the year	Adjust. & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjust. during the year	Cumulative at the end of the year	At the beginning of the year	At the end of the year
1	BUILDING	100200	3.00%	9.31	0.00	0.00	9.31	0.98	0.28	0.00	1.26	8.33	8.06
2	CIVIL WORKS	100300	3.00%	2.31	0.05	0.00	2.36	0.25	0.07	0.00	0.32	2.06	2.04
3	PLANT AND MACHINERY	100500	16.67%	14.99	0.00	0.00	14.99	12.59	0.89	0.00	13.48	2.40	1.51
4	IT EQUIPMENT	100500	16.67%	88.73	0.75	0.00	89.48	37.24	14.85	0.00	52.09	51.49	37.39
5	COMMUNICATION EQUIPMENT	100500	12.86%	3.53	0.94	0.00	4.46	1.06	0.51	0.00	1.58	2.46	2.89
6	FURNITURE & FIXTURES	100800	9.00%	0.52	0.05	0.00	0.57	0.22	0.05	0.00	0.27	0.30	0.30
7	INTANGIBLE ASSETS	100860	20.00%	0.58	0.11	0.00	0.69	0.44	0.13	0.00	0.57	0.13	0.12
8	OFFICE EQUIPMENT	100900	9.00%	5.67	0.00	0.00	5.67	4.88	0.20	0.00	5.08	0.79	0.59
	Total			125.64	1.90	0.00	127.53	57.66	16.98	0.00	74.65	67.97	52.89

SLDC
Form 5: Interest and finance charges on loan

A. Normative Loan

(Rs. Crore)

S. No.	Particulars	FY 2022-23			FY2023-24				5th Control Period				
		MYT/Tariff Order	April-March	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	April - March	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	FY2028-2029
		Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	Opening Balance of Gross Normative Loan	-	14.21	-	-	-	14.44	14.44	16.58	27.37	92.26	93.33	94.21
2	Cumulative Repayment till the year	-	8.18	-	-	-	9.17	9.17	10.04	11.28	18.27	30.66	43.26
3	Opening Balance of Net Normative Loan	-	6.03	-	-	-	5.26	5.26	6.54	16.09	74.00	62.67	50.96
4	Less: Reduction of Normative Loan due to retirement or replacement of assets	-	-	-	-	-	-	-	-	-	-	-	-
5	Addition of Normative Loan due to capitalisation during the year	-	0.23	-	-	-	2.15	2.15	10.79	64.90	1.07	0.88	1.42
6	Repayment of Normative loan during the year	-	1.32	-	-	-	1.17	1.17	1.65	9.33	16.51	16.78	16.98
7	Closing Balance of Net Normative Loan	-	4.94	-	-	-	6.25	6.25	15.68	71.66	58.55	46.77	35.40
8	Closing Balance of Gross Normative Loan	-	14.44	-	-	-	16.58	16.58	27.37	92.26	93.33	94.21	95.63
9	Average Balance of Net Normative Loan	-	5.49	-	-	-	5.76	5.76	11.11	43.88	66.27	54.72	43.18
10	Weighted average Rate of Interest on actual Loans (%)	-	9.60	-	-	-	9.60	9.60	9.60	9.60	9.60	9.60	9.60
11	Interest	-	0.53	-	-	-	0.55	0.55	1.07	4.21	6.36	5.25	4.15
12	Finance charges	-	-	-	-	-	-	-	-	-	-	-	-
13	Total Interest & Finance charges	-	0.53	-	-	-	0.55	0.55	1.07	4.21	6.36	5.25	4.15

B. Actual loan portfolio

(Rs. Crore)

S. No.	Particulars	FY2022-23	FY2023-24			5th Control Period				
			Apr-Sep	Oct-Mar	Apr - Mar	FY 2024-	FY 2025-	FY 2026-	FY 2027-	FY2028-
		Actual	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	Loan 1									
	Opening Balance of Loan	-	-	-	-	0.00	52.11	65.37	57.20	49.03
	Addition of Loan during the year	-	-	-	-	52.11	13.26	0.00	0.00	0.00
	Loan Repayment during the year	-	-	-	-	0.00	0.00	8.17	8.17	8.17
	Closing Balance of Loan	-	-	-	-	52.11	65.37	57.20	49.03	40.86
	Average Loan Balance	-	-	-	-	26.06	58.74	61.28	53.11	44.94
	Applicable Interest Rate (%)	-	-	-	-	9.60%	9.60%	9.60%	9.60%	9.60%
	Interest	-	-	-	-	2.50	5.64	5.92	5.13	4.53
	Finance charges	-	-	-	-	0.02	0.00	0.00	0.00	0.00
	Total Interest & Finance charges	-	-	-	-	2.52	5.64	5.92	5.13	4.53

SLDC

Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	2022-23			2023-24				Control Period				
		APR Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
		Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	O&M expenses	4.71	4.86	0.15	3.46	2.61	2.56	5.17	5.50	5.89	6.65	7.02	7.42
2	Receivables	0.00	8.94	0.00	0.00	0.00	0.00	7.79	10.69	10.99	13.60	14.07	14.57
3	Total Working Capital requirement	0.00	13.80	0.15	3.46	2.61	2.56	12.96	16.19	16.88	20.25	21.09	21.98
4	Interest rate	0.00	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
5	Interest on working capital	0.00	1.38	0.01	0.35	0.26	0.26	1.30	1.62	1.69	2.02	2.11	2.20

SLDC
Form 7: Return on Equity

(Rs. Crore)

S. No.	Particulars	2022-23			2023-24				Control Period				
		APR Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
		Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1	Regulatory Equity at the beginning of the year	-	2.01	-	-	-	2.09	2.09	2.80	6.40	28.03	28.39	28.68
2	Capitalisation during the year	-	0.31	-	-	-	2.86	2.86	14.39	86.53	1.42	1.18	1.90
3	Equity portion of capitalisation during the year	-	0.08	-	-	-	0.72	0.72	3.60	21.63	0.36	0.29	0.47
4	Reduction in Equity Capital on account of retirement / replacement of assets	-	-	-	-	-	-	-	-	-	-	-	-
5	Regulatory Equity at the end of the year	-	2.09	-	-	-	2.80	2.80	6.40	28.03	28.39	28.68	29.17
	Rate of Return on Equity	-		-	-	-							
6	Base rate of Return on Equity	-	14.00	-	0.00	0.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
7	Effective Income Tax rate	-	17.47	-	0.00	0.00	17.47	17.47	34.94	34.94	34.94	34.94	34.94
8	Rate of Return on Equity	-	16.96%	-	-	-	16.96%	16.96%	21.52%	21.52%	21.52%	21.52%	21.52%
	Return on Equity Computation	-		-	-	-							
9	Return on Regulatory Equity at the beginning of the year	-	0.34	-	-	-	0.35	0.35	0.60	1.38	6.03	6.11	6.17
10	Return on Regulatory Equity addition during the year	-	0.01	-	-	-	0.06	0.06	0.39	2.33	0.04	0.03	0.05
11	Total Return on Equity	-	0.35	-	-	-	0.41	0.41	0.99	3.71	6.07	6.14	6.22

SLDC
Form 8: Non-Tariff Income

(Rs. Crore)

S. No.	Particulars	FY 2022-23			FY 2023-24				5th Control Period				
		APR Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	Apr - Mar	2024-25	2025-26	2026-27	2027-28	2028-29
		Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated					
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	0.56	0.56	0.00	1.00	0.27	0.27	0.54	0.50	0.50	0.50	0.50	0.50
	Total	0.56	0.56	0.00	1.00	0.27	0.27	0.54	0.50	0.50	0.50	0.50	0.50

SLDC
Form 9: Income from Open Access Charges

(Rs. Crore)

S. No.	Particulars	Year (n-1)			Current Year 'n'				Control Period				
		APR Order	Apr-Mar	True-Up requirement	MYT/Tariff Order	Apr-Sep	Oct-Mar	Apr - Mar	n+1	n+2	n+3	n+4	n+5
		Approved	Audited	Claimed	Approved	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected
1													
2													
3													
4													
5													
6													
7													

Note: It is to inform that the Open Access Charges already included in the Form- 10 and also a clarification was sought in the Hon'ble Commission during the discussion held on 08.01.2024 and reply is awaited.

Previous Year 2022-23
Audited

SLDC
Form 10: Revenue from SLDC Charges

Sl.No.	Particulars	SLDC Charge	Annual Fee	Generation Capacity in M.W.	SLDC Charge	Full year revenue (12 Months)	Annual Fee	Total
Operating Charges								
1	TG SPDCL	1396.97	2824.46	16167	27.10	4.57	31.67	
2	TG NPDCI	1396.97	2824.46	6757	11.33	1.91	13.24	
INTRA ST SLDC CHRGs OTS/L/TOAM/TOASTOA								
3	ARHYAMA SOLAR POWER PVT LTD	1396.97	2824.46	6	0.01	0.00	0.01	
4	AXIS CLINICALS PVT LTD	1396.97	2824.46	2	0.00	0.00	0.00	
5	BAMBINO PASTA FOOD INDUSTRIES	1396.97	2824.46	2	0.00	0.00	0.00	
6	BBR GREEN FIELDS PVT LTD	1396.97	2824.46	5	0.01	0.00	0.01	
7	BHAGYANAGAR INDIA LTD	1396.97	2824.46	5	0.01	0.00	0.01	
8	BHARAT DYNAMICS LIMITED	1396.97	2824.46	11	0.02	0.00	0.02	
9	BHAVANA POWER	1396.97	2824.46	3	0.01	0.00	0.01	
10	BHEL (RAMACHANDRAPURAM)	1396.97	2824.46	2	0.00	0.00	0.00	
11	BRAVO ENERGIES PVT LTD	1396.97	2824.46	2	0.00	0.00	0.00	
12	BVM ENERGY & RESIDENCY (P) LTD	1396.97	2824.46	5	0.01	0.00	0.01	
13	COSMIC POWER SOLUTIONS PVT LTD	1396.97	2824.46	5	0.01	0.00	0.01	
14	DRES ENERGY PVT LTD	1396.97	2824.46	16	0.03	0.00	0.03	
15	DUBBAK SOLAR PROJECTS PVT. LTD	1396.97	2824.46	8	0.01	0.00	0.01	
16	ENERSOL INFRA PVT LTD	1396.97	2824.46	2	0.00	0.00	0.00	
17	FUSION SOLAR FARMS PVT LTD	1396.97	2824.46	4	0.01	0.00	0.01	
18	GOLDEN SHELTERS	1396.97	2824.46	2	0.00	0.00	0.00	
19	HALO ENERGIE PRIVATE LIMITED	1396.97	2824.46	5	0.01	0.00	0.01	
20	HERITAGE FOODS	1396.97	2824.46	3	0.01	0.00	0.01	
21	HYDERABAD CHEMICAL PRODUCTS	1396.97	2824.46	2	0.00	0.00	0.00	
22	HYDERABAD INSTITUTE OF ONCOLOGY PVT	1396.97	2824.46	1	0.00	0.00	0.00	
23	INDO NATIONAL LTD	1396.97	2824.46	5	0.01	0.00	0.01	
24	INFOSYS LTD	1396.97	2824.46	7	0.01	0.00	0.01	
25	JAYA BHARAT	1396.97	2824.46	1	0.00	0.00	0.00	
26	KAKATYA CEMENT SUGAR & INDUSTRIES	1396.97	2824.46	5	0.00	0.00	0.00	
27	MEDAK SOLAR PROJECTS PVT. LTD.	1396.97	2824.46	9	0.02	0.00	0.02	
28	MISHRA DHATU NIGAM LTD	1396.97	2824.46	4	0.01	0.00	0.01	
29	NATEMS POWER PVT LTD	1396.97	2824.46	5	0.00	0.00	0.01	
30	NVNR (RAMANNAPET I) PVT. LTD.	1396.97	2824.46	15	0.02	0.00	0.02	
31	NVNR (RAMANNAPET II) SOLAR POWER	1396.97	2824.46	15	0.02	0.00	0.02	
32	PENNA CEMENTS	1396.97	2824.46	6	0.00	0.00	0.00	
33	PENNAR	1396.97	2824.46	3	0.01	0.00	0.01	
34	PRAGATHI GROUP	1396.97	2824.46	9	0.02	0.00	0.02	
35	PRERITUS	1396.97	2824.46	2	0.00	0.00	0.00	
36	REPAL GREEN POWER PVT. LTD.	1396.97	2824.46	10	0.02	0.00	0.02	
37	RMR SOLAR ENERGY PVT LTD	1396.97	2824.46	2	0.00	0.00	0.00	
38	ROCKHOPPER RENEWABLES INDIA PVT LTD	1396.97	2824.46	7	0.01	0.00	0.01	
39	SALADITHYA GREEN ENERGY PVT LTD	1396.97	2824.46	1	0.00	0.00	0.00	
40	SAL DEEPA ROCK DRILLS PVT LTD	1396.97	2824.46	2	0.00	0.00	0.00	
41	SARVOTHAM CARE	1396.97	2824.46	3	0.01	0.00	0.01	
42	SEI SIRAM POWER PVT. LTD.	1396.97	2824.46	20	0.03	0.01	0.04	
43	SNEHA RENEWABLE ENERGIES LTD	1396.97	2824.46	1	0.00	0.00	0.00	
44	SOLNOVA POWER PVT LTD	1396.97	2824.46	5	0.01	0.00	0.01	
45	SRI LAKSHMI GANAPATHY INDUSTRIES	1396.97	2824.46	2	0.00	0.00	0.00	
46	SRI SURYANARAYANA SWAMY SOLAR POWER	1396.97	2824.46	3	0.01	0.00	0.01	
47	Sri. G.Prashanth Natarajan	1396.97	2824.46	7	0.01	0.00	0.01	
48	SRIINIVASA GREEN ENERGIES PVT LTD	1396.97	2824.46	2	0.00	0.00	0.00	
49	SURANA SOLAR SYSTEMS PVT LTD	1396.97	2824.46	5	0.01	0.00	0.01	
50	SURYANANDAN TEXTURIZERS PVT. LTD.	1396.97	2824.46	1	0.00	0.00	0.00	
51	THE REGISTRAR, JINTUH	1396.97	2824.46	4	0.01	0.00	0.01	
52	THE SINGARENI COLLIERIES COMPANY LTD	1396.97	2824.46	131	0.18	0.03	0.21	
53	TROPICAL FLAVOURS PVT LTD	1396.97	2824.46	2	0.00	0.00	0.00	
54	USHODAYA ENTERPRISES PVT LTD	1396.97	2824.46	10	0.02	0.00	0.02	
55	VALENS	1396.97	2824.46	1	0.00	0.00	0.00	
56	VALUE LABS	1396.97	2824.46	8	0.01	0.00	0.01	
57	VAAP POWER PVT. LTD.	1396.97	2824.46	1	0.00	0.00	0.00	
58	VISAKA INDUSTRIES LTD	1396.97	2824.46	3	0.01	0.00	0.01	
59	INTER ST SLDC CHRGs IEXP/IL/RIDC				0.86	-	0.86	
60	INTER ST SLDC CHRGs INTER REGIONAL				0.12	-	0.12	
Grand Total				23332	40.02	6.58	46.59	

SLDC

Form 11: Summary of true-up

Previous Year 2022-23

(Rs. Crore)

S. No.	Particulars	APR Order	Normative claimed in true-up	Actual	Deviation	Reasons for Deviation	Controllable	Uncontrollable	Net Entitlement after sharing of gains/(losses)
A	Expenses side summary								
	Operation & Maintenance Expenses	56.57	58.35	58.35	1.78				
	Depreciation	0.00	1.32	1.32	1.32				
	Interest and finance charges on loan	0.00	0.00	0.00	0.00				
	Interest on Working Capital	0.00	0.00	0.00	0.00				
	Return on Equity	0.00	0.00	0.00	0.00				
	Less:								
	Non-Tariff Income	0.56	0.56	0.56	0				
	Income from Open Access Charges								
	Aggregate Revenue Requirement	56.01	59.11	59.11	3.10				
B	Revenue side summary								
	Revenue from SLDC Charges	46.59	46.59	46.59	0				
	Revenue for true-up								
C	Revenue Deficit/(Surplus)	9.42	12.52	12.52	3.10				

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Form 12 : SLDC Contracted Capacities (in MW) for the 5th Control Period (FY:2024-25 to FY:2028-29)

Sl.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	Year (n-1) April-March Actual for FY	Current Year (FY2023-24)			TSDISCOMS' SHARE (Projected) (in MW)					Remarks
					Apr-Sep (Actual)	Oct-March (Estimated)	Apr-March (Estimated)	(n+1) FY2024-25	(n+2) FY2025-26	(n+3) FY2026-27	(n+4) FY2027-28	(n+5) FY2028-29	
(A) GENCO THERMAL:													
1	KTPS-V	500 (2X250)	455.00	455.00	455.00	455.00	455.00	455.00	455.00	455.00	455.00	455.00	TSGENCO has projected the Energy in the Resource plan till 2034, so PPA period may extend
2	KTPS-VI	500	462.50	462.50	462.50	462.50	462.50	462.50	462.50	462.50	462.50	462.50	
3	KTPS-VII	800	758.00	758.00	758.00	758.00	758.00	758.00	758.00	758.00	758.00	758.00	
4	KTPP-I	500	462.50	462.50	462.50	462.50	462.50	462.50	462.50	462.50	462.50	462.50	
5	KTPP-II	600	558.00	558.00	558.00	558.00	558.00	558.00	558.00	558.00	558.00	558.00	
6	RTS-B	62.5	56.25	56.25	56.25	56.25	56.25	56.25	56.25	56.25	56.25	56.25	As per TSGENCO the unit is Proposed to Retire by the End of December 2029.
7	BTPS	1080 (4X270)	988.20	988.20	988.20	988.20	988.20	988.20	988.20	988.20	988.20	988.20	
8	YTPS	4000 (5x800)	3744.00	0.00	0.00	0.00	0.00	3744.00	3744.00	3744.00	3744.00	3744.00	COD of Unit I & II : 30.09.2024 COD of Unit III : 31.03.2025 COD of Unit IV : 31.12.2024 COD of Unit V : 28.02.2025 Auxiliary Consumption of YTPS with FGD considered by TSGENCO is 6.4% same as considered here
Total Thermal (A):		8042.50	7484.45	3740.45	3740.45	3740.45	3740.45	7484.45	7484.45	7484.45	7484.45	7484.45	
(B) GENCO HYDEL:													
1	Srisaillam Left Bank HES	900	889.20	889.20	889.20	889.20	889.20	889.20	889.20	889.20	889.20	889.20	
2	NSPH	815.6	807.44	807.44	807.44	807.44	807.44	807.44	807.44	807.44	807.44	807.44	
3	NSLCPH	60	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	
4	Lower Jurala HES	240	237.60	237.60	237.60	237.60	237.60	237.60	237.60	237.60	237.60	237.60	
5	Pulichintala	120	118.80	118.80	118.80	118.80	118.80	118.80	118.80	118.80	118.80	118.80	
6	Priyadarshini Jurala HES	234	115.83	115.83	115.83	115.83	115.83	115.83	115.83	115.83	115.83	115.83	50:50 share between Telangana & Karnataka
7	Pochampad PH (I-IV)	36	35.64	35.64	35.64	35.64	35.64	35.64	35.64	35.64	35.64	35.64	
8	Singur	15	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	
9	Nizam Sagar PH	10	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	
10	Mini Hydel (Peddapalli)	9.16	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	
11	Palair	2	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	
Total Hydel (B):		2441.76	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	
(C) INTERSTATE HYDEL													
1	Machkund	84.00	44.82	0.00	0.00	0.00	0.00	44.82	44.82	44.82	44.82	44.82	
2	Tungabhadra Dam	57.60	30.73	0.00	0.00	0.00	0.00	30.73	30.73	30.73	30.73	30.73	
Interstate Hydel		141.60	75.55	0.00	0.00	0.00	0.00	75.55	75.55	75.55	75.55	75.55	

Sl.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	Year (n-1) April-March Actual for FY	Current Year (FY2023-24)			TSDISCOMS' SHARE (Projected) (in MW)					Remarks	
					Apr-Sep (Actual)	Oct-March (Estimated)	Apr-March (Estimated)	(n+1) FY2024-25	(n+2) FY2025-26	(n+3) FY2026-27	(n+4) FY2027-28	(n+5) FY2028-29		
(D)	CENTRAL GENERATING STATIONS:													
1	NTPC (SR)-I & II	2100	327.43	328.16	328.87	327.43	327.43	327.43	327.43	327.43	327.43	327.43	327.43	The PPA expired by 27.09.2018. However, based on CEA/ SRPC directions as well as PPA article 12.0 the Energy is being purchased and energy has been projected upto FY 2028-29
2	NTPC (SR)Stage-III	500	82.79	82.97	83.14	82.79	82.79	82.79	82.79	82.79	0.00	0.00	0.00	The PPA going to expire on 31.01.2016
3	NTPC Talcher Stagell	2000	203.54	203.82	204.09	203.54	203.54	203.54	203.54	203.54	203.54	203.54	203.54	The PPA expired by 05.04.2023. However, based on CEA/ SRPC directions as well as PPA article 11.0 the Energy is being purchased and energy has been projected upto FY 2028-29
4	NLC Stage-I	580	4.89	4.72	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	
5	NLC Stage-II	790	6.43	6.22	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43	
6	NPC-MAPS	440	19.78	19.73	19.78	19.78	19.78	19.78	19.78	19.78	19.78	0.00	0.00	
7	NPC-KaigaUnit-I&II	440	60.77	60.59	60.77	60.77	60.77	60.77	60.77	60.77	60.77	0.00	0.00	
8	NPC-KaigaUnit-III & IV	440	64.63	64.45	64.63	64.63	64.63	64.63	64.63	64.63	64.63	0.00	0.00	
9	NTPC Simhadri Stage-I	1000	507.91	507.91	507.91	507.91	507.91	507.91	507.91	507.91	507.91	507.91	507.91	
10	NTPC Simhadri Stage-II	1000	241.89	242.05	242.22	241.89	241.89	241.89	241.89	241.89	241.89	241.89	241.89	
11	NTECL Vallur Thermal Power Plant	1500	99.81	99.50	99.82	99.81	99.81	99.81	99.81	99.81	99.81	99.81	99.81	
12	NLC Tamilnadu (Tuticorn) Unit-I & Unit II	1000	139.35	139.01	139.35	139.35	139.35	139.35	139.35	139.35	139.35	139.35	139.35	
13	KudigiUnit-I, II & III	2400	262.71	263.55	264.39	262.71	262.71	262.71	262.71	262.71	262.71	262.71	262.71	
14	New Neyvelli Thermal Power plant	934	58.07	58.05	58.07	58.07	58.07	58.07	58.07	58.07	58.07	58.07	58.07	
15	NLC Exp-I	420	5.18	5.01	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	
16	NLC Exp-II	500	6.06	5.86	6.07	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	1 Before entering into the PPAs, the allocated Power from the TPS Plants to
17	Telangana STPP	1600	1302.99	0.00	0.00	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	1302.99	Unit-I COD - 28.09.2023 Unit-II COD - 01.03.2024.
18	KKNPP (Kudankulam Nuclear Power Plant) Unit-I	1000	4.14	4.00	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	
19	KKNPP (Kudankulam Nuclear Power Plant) Unit-II	1000	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10	MoP is allocating un-allocated quota power to TSDISCOMs.
20	NVVNL Bundled Power (Coal)	45.81	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92	42.92	
21	NSM Bundled Phase -II *	25650	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83	186.83	
	Total CGS	45339.81	3674.22	2371.45	2375.60	3674.22	3674.22	3674.22	3674.22	3674.22	3591.43	3446.26	2938.35	

Sl.No.	Generating Station/Unit/Source	Installed Capacity (MW)	Net Capacity TS Share (MW)	Year (n-1) April-March Actual for FY	Current Year (FY2023-24)			TSDISCOMS' SHARE (Projected) (in MW)					Remarks
					Apr-Sep (Actual)	Oct-March (Estimated)	Apr-March (Estimated)	(n+1) FY2024-25	(n+2) FY2025-26	(n+3) FY2026-27	(n+4) FY2027-28	(n+5) FY2028-29	
(E)	Other Projects												
1	Singareni Thermal Power Plant	1200	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	
2	Atal Bihari Vajpayee thermal Power Plant,Chattisgarh(formerly marwa Power plant)	1000	947.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CSPDCL is shedding zero energy to TSDiscoms
3	Thermal Power Tech (Unit - I) (Sembcorp I)	1320	269.45	269.45	269.45	269.45	269.45	269.45	269.45	269.45	269.45	269.45	
4	Thermal Power Tech (unit II)		570.00	570.00	570.00	570.00	570.00	0.00	0.00	0.00	0.00	0.00	PPA expired on 29.03.2024
	Total : Other Projects	3520.00	2917.95	1970.45	1970.45	1970.45	1970.45	1400.45	1400.45	1400.45	1400.45	1400.45	
(F)	Gas Projects												
1	GVK	220	115.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*The natural gas supplies from RIL KG D-6 fields to these IPPs became Zero from 01.03.2021 onwards and hence at present there is no generation from these 4 IPPs.
2	Vemagiri	370	193.03	0.00	0.00	0.00	0.00	193.03	193.03	193.03	193.03	193.03	
3	Gouthami	464	242.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Kona seema	444.08	231.83	0.00	0.00	0.00	0.00	231.83	0.00	0.00	0.00	0.00	
	Total Gas projects	1498.08	782.79	0.00	0.00	0.00	0.00	424.86	193.03	193.03	193.03	193.03	
(G)	NCE (Non-Conventional Energy or Renewable Energy)												
1	Solar	7876.92	7876.92	4922.28	5097.32	5162.32	5162.32	7876.92	7876.92	7876.92	7876.92	7876.92	List of NCE generators submitted vide annexure B
2	Biomass	6.00	6.00	30.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	
3	Bagasse	61.70	61.70	78.40	61.70	61.70	61.70	61.70	61.70	61.70	55.70	39.20	
4	IW	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
5	Minihydel	2.55	2.55	2.55	2.55	2.55	2.55	2.00	2.00	2.00	0.00	0.00	
6	MSW	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	
7	Wind	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	
	Non Solar Total	233.15	233.15	273.85	233.15	233.15	233.15	232.60	232.60	232.60	224.60	202.10	
	NCEs total	8110.07	8110.07	5196.13	5330.47	5395.47	5395.47	8109.52	8109.52	8109.52	8101.52	8079.02	
	Discom Contracts Total	69093.82	25344.75	15578.19	15716.68	17080.31	17080.31	23468.77	23236.94	23154.15	23000.97	22470.56	
(H)	LT Open Access Contracts Total	129.75	129.75	350.55	373.73	372.42	373.08	129.75	129.75	129.75	129.75	129.75	List of LTOA users submitted vide annexure D
	SLDC : Total Generation Contracted	69223.57	25474.50	15928.74	16090.41	17452.73	17453.39	23598.52	23366.69	23283.90	23130.72	22600.31	

Abstract - ARR-MYT filings for 5th control period - SLDC Generation Contracted Capacities (MW)

Sl.No	Station/ Source	Installed Capacity In(MW)	Net Capacity telangana State Share in (MW)	Year (n-1)	Current Year "n"(2023-24)				5th Control Period				
				Apr-Mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5	
				2022-23	Provisional	Provisional	Provisional	2024-25	2025-26	2026-27	2027-28	2028-29	
				MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected	
1	TGGenco-Thermal	8042.50	7484.45	3740.45	3740.45	3740.45	3740.45	7484.45	7484.45	7484.45	7484.45	7484.45	
2	TGGenco-Hydel	2441.76	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	2299.71	
3	CGS	45339.81	3674.22	2371.45	2375.60	3674.22	3674.22	3674.22	3674.22	3591.43	3446.26	2938.35	
4	Total : Other Projects	3520.00	2917.95	1970.45	1970.45	1970.45	1970.45	1400.45	1400.45	1400.45	1400.45	1400.45	
	Inter state Hydel	141.60	75.55	0.00	0.00	0.00	0.00	75.55	75.55	75.55	75.55	75.55	
5	Total Gas projects	1498.08	782.79	0.00	0.00	0.00	0.00	424.86	193.03	193.03	193.03	193.03	
6	NCEs												
	a) Solar	7876.92	7876.92	4922.28	5097.32	5162.32	5162.32	7876.92	7876.92	7876.92	7876.92	7876.92	
	b) Biomass	6.00	6.00	30.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	
	c) Bagasse	61.70	61.70	78.40	61.70	61.70	61.70	61.70	61.70	61.70	55.70	39.20	
	d) Industrial Waste	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
	e) Mini Hydel	2.55	2.55	2.55	2.55	2.55	2.55	2.00	2.00	2.00	0.00	0.00	
	f) Municipal Solid Waste	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	
	g) Wind	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	
	Non Solar total	233.15	233.15	273.85	233.15	233.15	233.15	232.60	232.60	232.60	224.60	202.10	
	TOTAL NCE	8110.07	8110.07	5196.13	5330.47	5395.47	5395.47	8109.52	8109.52	8109.52	8101.52	8079.02	
	TOTAL Discom Contracts	69093.82	25344.74	15578.19	15716.68	17080.30	17080.30	23468.76	23236.93	23154.14	23000.97	22470.56	
7	Long term Open Access contracted capacities	129.75	129.75	350.55	373.73	372.42	373.08	129.75	129.75	129.75	129.75	129.75	
	SLDC -Total generation contracted capacity (MW)	69223.57	25474.49	15928.74	16090.41	17452.72	17453.38	23598.51	23366.68	23283.89	23130.72	22600.31	

Abstract of NCE (Non-solar) Contracts for SLDC ARR-MYT filings for 5th control period (voltage above 11KV)

Sl. No	Station/ Source	Installed Capacity In(MW)	Net Capacity telangana State Share In (MW)	Year(n-1) (2022-23)	Current Year "n"(2023-24)				Control period				
				April-March	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5	
				Actual	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected	
				MW	MW	MW	MW	MW	MW	MW	MW	MW	
1	Solar												
	TSSPDCL	5499.42	5499.42	3413.78	3537.26	3583.13	3583.13	5499.42	5499.42	5499.42	5499.42	5499.42	
	TSNPDCL	2377.50	2377.50	1508.50	1560.06	1579.19	1579.19	2377.50	2377.50	2377.50	2377.50	2377.50	
	Total	7876.92	7876.92	4922.28	5097.32	5162.32	5162.32	7876.92	7876.92	7876.92	7876.92	7876.92	
2	Biomass												
	TSSPDCL	6.00	6.00	30.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	
	TSNPDCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total	6.00	6.00	30.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	
3	Bagasse												
	TSSPDCL	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
	TSNPDCL	46.70	46.70	63.40	46.70	46.70	46.70	46.70	46.70	46.70	40.70	24.20	
	Total	61.70	61.70	78.40	61.70	61.70	61.70	61.70	61.70	61.70	55.70	39.20	
4	IW												
	TSSPDCL	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	
	TSNPDCL	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	
	Total	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
5	Minihydel												
	TSSPDCL	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	
	TSNPDCL	0.55	0.55	0.55	0.55	0.55	0.55	0.00	0.00	0.00	0.00	0.00	
	Total	2.55	2.55	2.55	2.55	2.55	2.55	2.00	2.00	2.00	0.00	0.00	
6	MSW												
	TSSPDCL	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	
	TSNPDCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	
7	Wind												
	TSSPDCL	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	
	TSNPDCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	128.10	
	Total NCE's (1+2+3+4+5+6+7)	8110.07	8110.07	5196.13	5330.47	5395.47	5395.47	8109.52	8109.52	8109.52	8101.52	8079.02	

TRANSMISSION CORPORATION OF TELANGANA LIMITED
Annexure B to Form 12 (Contracted Capacity) Non Conventional sources (SOLAR)

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
Solar													
1	Dayakara Solar Power	30	30	132KV	30	30	30	30	30	30	30	30	30
2	Dinkar Technologies Pvt Ltd	24.94	24.94	132KV	24.94	24.94	24.94	24.94	24.94	24.94	24.94	24.94	24.94
3	Vena energy solar India (Sadashvpet)	50	50	132KV	50	50	50	50	50	50	50	50	50
4	Vena energy solar India (Minpur)	50	50	132KV	50	50	50	50	50	50	50	50	50
5	Grahati Solar Energy	50	50	132KV	50	50	50	50	50	50	50	50	50
6	Greenko Solar (Medak) formerly Karvy Solar Power Limited (SPV of M/s Karvy Consultants Limited)	20	20	132KV	20	20	20	20	20	20	20	20	20
7	M/s SE Solar Ltd	100	100	220KV	100	100	100	100	100	100	100	100	100
8	Prathamesh Solarfarms Ltd	50	50	132KV	50	50	50	50	50	50	50	50	50
9	Suprasanna Solaire Energy Pvt Ltd	20	20	132KV	20	20	20	20	20	20	20	20	20
10	SurajKiran Renewable Resources P Ltd	50	50	220KV	50	50	50	50	50	50	50	50	50
11	Surajkiran Solar Technologies P Ltd	50	50	132KV	50	50	50	50	50	50	50	50	50
12	Transform Sun Energy Pvt Ltd	100	100	220KV	100	100	100	100	100	100	100	100	100
13	M/s Mytrah Energy (I) Ltd	15	15	132KV	15	15	15	15	15	15	15	15	15
14	Zuka Power Pvt Ltd	48	48	132KV	48	48	48	48	48	48	48	48	48
15	Clean Solar Power (Chitradurga) Pvt Ltd	40	40	132KV	40	40	40	40	40	40	40	40	40
16	Polepally Solar Parks Pvt ltd	25	25	132KV	25	25	25	25	25	25	25	25	25
17	ReNew Akshay (Sadashvpet)	24	24	132KV	24	24	24	24	24	24	24	24	24
18	Renew Akshay Urja (MBNR)	100	100	220KV	100	100	100	100	100	100	100	100	100
19	Sunborne Energy Andhra (P) Ltd.,	35	35	132KV	35	35	35	35	35	35	35	35	35

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)				Control period				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5	
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29	
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected	
20	Winsol Solar Fields (Karoor)	15	15	132KV	15	15	15	15	15	15	15	15	15	
21	Acme Medak Solar Energy Pvt Ltd	45	45	132KV	45	45	45	45	45	45	45	45	45	
22	Acme PV Powertech Pvt Ltd	50	50	132KV	50	50	50	50	50	50	50	50	50	
23	ACME Solar Power	50	50	132KV	50	50	50	50	50	50	50	50	50	
24	M/s Renew Saur Shakti Private Limited	65	65	132KV	65	65	65	65	65	65	65	65	65	
25	M/s Cleansolar Renewable Energy Private Limited	30	30	132KV	30	30	30	30	30	30	30	30	30	
26	M/s Winsol Solar Fields (Polepally) Private Limited (SPV of First Solar Power India Private Limited)	50	50	132KV	50	50	50	50	50	50	50	50	50	
27	M/s Mytrah Agriya Power Privat	50	50	132KV	50	50	50	50	50	50	50	50	50	
28	NTPC Bundled JNNSM Scheme phase-I	32.32	32.32	ISTS	32.32	32.32	32.32	32.32	32.32	32.32	32.32	32.32	32.32	
29	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) Parampujya Solar Energy Private Limited (DCR)	35.275	35.275	132KV	35.27	35.275	35.275	35.275	35.275	35.275	35.275	35.275	35.275	
30	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) Parampujya Solar Energy Private Limited (OCR)	35.275	35.275	132KV	35.27	35.275	35.275	35.275	35.275	35.275	35.275	35.275	35.275	
31	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) M/s Renew Wind Energy (TN2) Private Limited	70.55	70.55	220KV	70.55	70.55	70.55	70.55	70.55	70.55	70.55	70.55	70.55	
32	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) M/s Azure Power India Pvt. Ltd.,	70.55	70.55	220KV	70.55	70.55	70.55	70.55	70.55	70.55	70.55	70.55	70.55	

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share In (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
33	NTPC Bundled Scheme under JNNM Ph-II (400 MW) M/s Achintya , Grinibrit & suvarchas	28.22	28.22	132KV	28.22	28.22	28.22	28.22	28.22	28.22	28.22	28.22	28.22
34	SECI (ISTS Tr VI 400 MW) M/s Avaada Sustainable RJProject Private Limited 140MW	98.77	98.77	ISTS	98.77	98.77	98.77	98.77	98.77	98.77	98.77	98.77	98.77
35	SECI (ISTS Tr VI 400 MW) M/s Masaya Solar Energy Private Limited 130MW	91.715	91.715	ISTS		45.85	91.715	91.715	91.715	91.715	91.715	91.715	91.715
36	SECI (ISTS Tr VI 400 MW) M/s Renew Solar Urja Private Limited 130 MW	91.715	91.715	ISTS	91.71	91.715	91.715	91.715	91.715	91.715	91.715	91.715	91.715
37	NTPC CPSU Ph-II Tr I & II (150 MW) Devikot, Jaisalmer, Rajasthan	105.825	105.825	ISTS	105.825	105.825	105.825	105.825	105.825	105.825	105.825	105.825	105.825
38	NTPC CPSU Ph-II Tr I & II (250 MW) Kolayet, Bikaner, Rajasthan	176.375	176.375	ISTS	176.375	176.375	176.375	176.375	176.375	176.375	176.375	176.375	176.375
39	NTPC CPSU Ph-II Tr I & II (300 MW) Shambu-ki-burj, Bikaner, Rajasthan	211.65	211.65	ISTS	105.825	105.825	105.825	105.825	211.65	211.65	211.65	211.65	211.65
40	NTPC CPSU Ph-II Tr I & II (300 MW) Nokhra, Bikaner, Rajasthan	211.65	211.65	ISTS	141.10	211.65	211.65	211.65	211.65	211.65	211.65	211.65	211.65
41	NTPC CPSU Ph-II Tr I & II (296 MW) Fatehgarh, Jaisalmer, Rajasthan	208.828	208.828	ISTS	208.83	208.83	208.83	208.83	208.83	208.83	208.83	208.83	208.83

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
42	NTPC CPSU Ph-II Tr I & II (90 MW) Devikot Village, Jaisalmer, Rajasthan	63.495	63.495	ISTS	63.49	63.495	63.495	63.495	63.495	63.495	63.495	63.495	63.495
43	NTPC CPSU Ph-II Tr I & II (20 MW) Gandhar, Bharuch (D), Gujarat	14.11	14.11	ISTS	7.055	14.11	14.11	14.11	14.11	14.11	14.11	14.11	14.11
44	NTPC CPSU Ph-II Tr I & II (56 MW) Kawas, Surat (D), Gujarat	39.508	39.508	ISTS	39.50	39.508	39.508	39.508	39.508	39.508	39.508	39.508	39.508
45	NTPC CPSU Ph-II Tr I & II (230 MW) Navalakkapatti, Ettayapuram (T), Tuticorin, Tamil Nadu	162.265	162.265	ISTS	162.27	162.27	162.265	162.265	162.265	162.265	162.265	162.265	162.265
46	SECI 1000MW ISTS Tranche-IX			ISTS									
47	M/s Ayana Renewable Power Three Private Limited	216.65	216.65	ISTS		—	—	—	216.65	216.65	216.65	216.65	216.65
48	M/s Eden Renewable Bercy Private Limited	216.65	216.65	ISTS		—	—	—	216.65	216.65	216.65	216.65	216.65
49	M/s IB Vogt Solar Seven Priivate Limited	216.65	216.65	ISTS		—	—	—	216.65	216.65	216.65	216.65	216.65
50	M/s AMP Energy Green Five Private Limited	70.55	70.55	ISTS		—	—	—	70.55	70.55	70.55	70.55	70.55
51	1045 MW PUA with NTPC under CPSU Phase II Tranche III			ISTS									
52	Nokh-I, Nokh Solar Park, Pokran, Jaisalmer, Rajasthan	172.84	172.84	ISTS		—	—	—	172.84	172.84	172.84	172.84	172.84
53	Nokh-II, Nokh Solar Park, Pokran, Jaisalmer, Rajasthan	172.84	172.84	ISTS		—	—	—	172.84	172.84	172.84	172.84	172.84
54	Nokh-III, Nokh Solar Park, Pokran, Jaisalmer, Rajasthan	172.84	172.84	ISTS		—	—	—	172.84	172.84	172.84	172.84	172.84

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share In (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
55	NTPC REL Khavda Solar PV station,Kutch,Gujarath	218.705	218.705	ISTS		—	—	—	218.705	218.705	218.705	218.705	218.705
56	NHPC Solar PV Station,Village Khavda, Taluka-Bhuj, Kutch District, Gujarat	352.75	352.75	ISTS		—	—	—	352.75	352.75	352.75	352.75	352.75
	TgspdcI Eht total	4795.51	4795.51	0	2709.87	2833.353	2879.213	2879.213	4795.51	4795.51	4795.51	4795.51	4795.51
57	NTPC Bundled Scheme phase-1	13.49	13.49	ISTS	13.49	13.49	13.49	13.49	13.49	13.49	13.49	13.49	13.49
58	M/s Ujvalatejas Solaire Urja Pvt Ltd	20	20	132KV	20	20	20	20	20	20	20	20	20
59	M/s Sunshakthi Solar Power Projects Private Limited (Project Company of Sky Power Southeast Asia III Investments Limited)	50	50	132KV	50	50	50	50	50	50	50	50	50
60	M/s Renew Solar Energy (Telangana) Private Limited	143	143	220KV	143	143	143	143	143	143	143	143	143
61	M/s Mytra Energy (I) Ltd (Kamareddy SS) (50MW)	50	50	132KV	50	50	50	50	50	50	50	50	50
62	M/s Suryoday Energy Private Limited (Project Company of M/s.Shapoorji Pallonji Energy (Gujarat) Private Limited	34	34	132KV	34	34	34	34	34	34	34	34	34
63	M/s ACME Nizamabad Solar Energy Private Limited (Project Company of Acme Fazilka Power Private Limited)	50	50	132KV	50	50	50	50	50	50	50	50	50
64	M/s Renew Mega Solar Power Private Limited	48	48	132KV	48	48	48	48	48	48	48	48	48
65	M/s Divine Solren Private Limited (Project Company of Mahindra Susten Private Limited)	50	50	132KV	50	50	50	50	50	50	50	50	50

Sl.No	Station/ Source	Installed Capacity In(MW)	Net Capacity telangana State Share In (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
66	M/s ACME Ranga Reddy Solar Power Private Limited	30	30	132KV	30	30	30	30	30	30	30	30	30
67	M/s Renew Saur Shakti Private Limited (Mulkanoor SS)	30	30	132KV	30	30	30	30	30	30	30	30	30
68	M/s Sunworld Solar Power Private Limited (Project company of Acme Fazilka Power Private Limited)	30	30	132KV	30	30	30	30	30	30	30	30	30
69	M/s Neo Solren Private Limited (Project Company of Mahindra Susten Private Limited)	42	42	132KV	42	42	42	42	42	42	42	42	42
70	M/s Jilesh Power Private Limited (Sun Edison)	45	45	132KV	45	45	45	45	45	45	45	45	45
71	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) Parampujya Solar Energy Private Limited (DCR)	14.725	14.725	132KV	14.725	14.725	14.725	14.725	14.725	14.725	14.725	14.725	14.725
72	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) Parampujya Solar Energy Private Limited (OCR)	14.725	14.725	132KV	14.725	14.725	14.725	14.725	14.725	14.725	14.725	14.725	14.725
73	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) M/s Renew Wind Energy (TN2) Private Limited	29.45	29.45	220KV	29.45	29.45	29.45	29.45	29.45	29.45	29.45	29.45	29.45
74	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) M/s Azure Power India Pvt. Ltd.,	29.45	29.45	220KV	29.45	29.45	29.45	29.45	29.45	29.45	29.45	29.45	29.45

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
75	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) M/s Achintya , Grinibrit & suvarchas	11.78	11.78	132KV	11.78	11.78	11.78	11.78	11.78	11.78	11.78	11.78	11.78
76	SECI (ISTS Tr VI 400 MW) M/s Avaada Sustainable RJProject Private Limited 140MW	41.23	41.23	ISTS	41.23	41.23	41.23	41.23	41.23	41.23	41.23	41.23	41.23
77	SECI (ISTS Tr VI 400 MW) M/s Masaya Solar Energy Private Limited 130MW	38.285	38.285	ISTS	0	19.15	38.285	38.285	38.285	38.285	38.285	38.285	38.285
78	SECI (ISTS Tr VI 400 MW) M/s Renew Solar Urja Private Limited 130 MW	38.285	38.285	ISTS	38.285	38.285	38.285	38.285	38.285	38.285	38.285	38.285	38.285
79	NTPC CPSU Ph-II Tr I & II (150 MW) Devikot, Jaisalmer, Rajasthan	44.17	44.17	ISTS	44.17	44.17	44.17	44.17	44.17	44.17	44.17	44.17	44.17
80	NTPC CPSU Ph-II Tr I & II (250 MW) Kolayet, Bikaner, Rajasthan	73.62	73.62	ISTS	73.62	73.62	73.62	73.62	73.62	73.62	73.62	73.62	73.62
81	NTPC CPSU Ph-II Tr I & II (300 MW) Shambu-ki-burj, Bikaner, Rajasthan	88.35	88.35	ISTS	44.17	44.175	44.175	44.175	88.35	88.35	88.35	88.35	88.35
82	NTPC CPSU Ph-II Tr I & II (300 MW) Nokhra, Bikaner, Rajasthan	88.35	88.35	ISTS	58.90	88.35	88.35	88.35	88.35	88.35	88.35	88.35	88.35
83	NTPC CPSU Ph-II Tr I & II (296 MW) Fatehgarh, Jaisalmer, Rajasthan	87.17	87.17	ISTS	87.17	87.17	87.17	87.17	87.17	87.17	87.17	87.17	87.17

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
84	NTPC CPSU Ph-II Tr I & II (90 MW) Devikot Village, Jaisalmer, Rajasthan	26.505	26.505	ISTS	26.50	26.505	26.505	26.505	26.505	26.505	26.505	26.505	26.505
85	NTPC CPSU Ph-II Tr I & II (20 MW) Gandhar, Bharuch (D), Gujarat	5.89	5.89	ISTS	2.945	5.89	5.89	5.89	5.89	5.89	5.89	5.89	5.89
86	NTPC CPSU Ph-II Tr I & II (56 MW) Kawas, Surat (D), Gujarat	10.492	10.492	ISTS	10.49	10.492	10.492	10.492	10.492	10.492	10.492	10.492	10.492
87	NTPC CPSU Ph-II Tr I & II (230 MW) Navalakkapatti, Ettayapuram (T), Tuticorin, Tamil Nadu	67.73	67.73	ISTS	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73
88	SECI 1000MW ISTS Tranche-IX			ISTS									
89	M/s Ayana Renewable Power Three Private Limited	88.35	88.35	ISTS		—	—	—	88.35	88.35	88.35	88.35	88.35
90	M/s Eden Renewable Bercy Private Limited	88.35	88.35	ISTS		—	—	—	88.35	88.35	88.35	88.35	88.35
91	M/s IB Vogt Solar Seven Priivate Limited	88.35	88.35	ISTS		—	—	—	88.35	88.35	88.35	88.35	88.35
92	M/s AMP Energy Green Five Private Limited	29.45	29.45	ISTS		—	—	—	29.45	29.45	29.45	29.45	29.45
93	1045 MW PUA with NTPC under CPSU Phase II Tranche III			ISTS									
94	Nokh-I, Nokh Solar Park, Pokran, Jaisalmer, Rajasthan	72.16	72.16	ISTS		—	—	—	72.16	72.16	72.16	72.16	72.16
95	Nokh-II, Nokh Solar Park, Pokran, Jaisalmer, Rajasthan	72.16	72.16	ISTS		—	—	—	72.16	72.16	72.16	72.16	72.16
96	Nokh-III, Nokh Solar Park, Pokran, Jaisalmer, Rajasthan	72.16	72.16	ISTS		—	—	—	72.16	72.16	72.16	72.16	72.16

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
97	NTPC REL Khavda Solar PV Station, Kutch, Gujarat	91.3	91.3	ISTS		—	—	—	91.3	91.3	91.3	91.3	91.3
98	NHPC Solar PV Station,Village Khavda, Taluka-Bhuj, Kutch District, Gujarat	147.25	147.25	ISTS		—	—	—	147.25	147.25	147.25	147.25	147.25
	Tgnpdcl EHT total	2095.23	2095.23	0	1230.83	1282.39	1301.52	1301.52	2095.227	2095.227	2095.227	2095.227	2095.227
99	Ramakrishna Industries	1	1	11KV	1	1	1	1	1	1	1	1	1
100	Bhavani Engineering	1	1	11KV	1	1	1	1	1	1	1	1	1
101	Photon Energy Systems Ltd.,	1	1	11KV	1	1	1	1	1	1	1	1	1
102	Andromeda Energy Techno	0.75	0.75	11KV	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
103	Jurala Solar Power Plant	1	1	11KV	1	1	1	1	1	1	1	1	1
104	Chintapally Saibaba Energy Pvt. Ltd.,	2	2	33KV	2	2	2	2	2	2	2	2	2
105	Cybercity Builders (Rajapet)	5	5	33KV	5	5	5	5	5	5	5	5	5
106	Cybercity Builders (Nednoor)	5	5	33KV	5	5	5	5	5	5	5	5	5
107	Dartyens Powers Pvt Ltd	1	1	33KV	1	1	1	1	1	1	1	1	1
108	Earth Solar Power	5	5	33KV	5	5	5	5	5	5	5	5	5
109	Enrich Energy Pvt LTD	7	7	33KV	7	7	7	7	7	7	7	7	7
110	Essel Mining & Industries Ltd., Achampet	5	5	33KV	5	5	5	5	5	5	5	5	5
111	Essel Mining & Industries Ltd., Kalwakurthy	10	10	33KV	10	10	10	10	10	10	10	10	10
112	Essel Mining & Industries Ltd., Pedshampet	10	10	33KV	10	10	10	10	10	10	10	10	10
113	Essel Mining & Industries Ltd., Salankpur	10	10	33KV	10	10	10	10	10	10	10	10	10
114	GEA BGR Energy System India Ltd (Damaragidda)	2	2	33KV	2	2	2	2	2	2	2	2	2
115	Ghanpur Solar Pvt Ltd	15	15	33KV	15	15	15	15	15	15	15	15	15
116	Global Coal & Mining (P) Ltd.,	10	10	33KV	10	10	10	10	10	10	10	10	10
117	Gummadidala Solar Pvt Ltd	15	15	33KV	15	15	15	15	15	15	15	15	15
118	Haldiram Snacks Private Limited	10	10	33KV	10	10	10	10	10	10	10	10	10
119	International Solar	5	5	33KV	5	5	5	5	5	5	5	5	5

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
120	Sri Vijayalakshmi Solar Energy	1	1	33KV	1	1	1	1	1	1	1	1	1
121	Keerthi Estates Pvt Ltd (Kandagatla)	5	5	33KV	5	5	5	5	5	5	5	5	5
122	Meenakshi Malkapur Power Pvt Ltd (Keerthi Estates Pvt Ltd (Nagarkurnool))	10	10	33KV	10	10	10	10	10	10	10	10	10
123	Kirthi Power Solutions	1.99	1.99	33KV	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99
124	Kranthi Edifice	10	10	33KV	10	10	10	10	10	10	10	10	10
125	Mahabubnagar Solar Parks (P) Ltd.,	10	10	33KV	10	10	10	10	10	10	10	10	10
126	Suntree Solar Energy Pvt Ltd	10	10	33KV	10	10	10	10	10	10	10	10	10
127	Maheswari Mining (Kothagadi)	10	10	33KV	10	10	10	10	10	10	10	10	10
128	Maheswari Mining (Peerampally)	10	10	33KV	10	10	10	10	10	10	10	10	10
129	Mytrah Abhinav Power (Thimmajipet)	8	8	33KV	8	8	8	8	8	8	8	8	8
130	Mytrah Abhinav Power (aravapally)	7.56	7.56	33KV	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56
131	Mytrah Abhinav Power (Alampur)	11	11	33KV	11	11	11	11	11	11	11	11	11
32	Mytrah Abhinav Power (Gadwal)	15	15	33KV	15	15	15	15	15	15	15	15	15
133	Mytrah Abhinav Power (Nagarkurnool)	15	15	33KV	15	15	15	15	15	15	15	15	15
134	Mytrah Adarsh Power Pvt Ltd (Tunki Bollaram)	15	15	33KV	15	15	15	15	15	15	15	15	15
135	Mytrah Adarsh Power Pvt Ltd (Chegunta)	15	15	33KV	15	15	15	15	15	15	15	15	15
136	Mytrah Adarsh Power Pvt Ltd (Thungathurthy)	15	15	33KV	15	15	15	15	15	15	15	15	15
137	Mytrah Adarsh Power Pvt Ltd (Guntipally)	15	15	33KV	15	15	15	15	15	15	15	15	15
138	Mytrah Adarsh Power Pvt Ltd (Shanigaram)	15	15	33KV	15	15	15	15	15	15	15	15	15

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
139	Mytrah Abhinav Power (Tandur)	15	15	33KV	15	15	15	15	15	15	15	15	15
140	AMPL Cleantech (Narbheram Vishram)	15	15	33KV	15	15	15	15	15	15	15	15	15
141	Pennar Renewables Kowdipally	8	8	33KV	8	8	8	8	8	8	8	8	8
142	Nirjara Solaire Urja	10	10	33KV	10	10	10	10	10	10	10	10	10
143	Taletutayi Solar Projects Six Pvt Ltd	10	10	33KV	10	10	10	10	10	10	10	10	10
144	Orissa Power Consortium Ltd	3	3	33KV	3	3	3	3	3	3	3	3	3
145	Paramount Minerals Chemicals	2	2	33KV	2	2	2	2	2	2	2	2	2
146	Rudra Solarfarms Ltd	15	15	33KV	15	15	15	15	15	15	15	15	15
147	Shalaka Infra-Tech(I) Private Ltd	15	15	33KV	15	15	15	15	15	15	15	15	15
148	S.R. Sun Power India Pvt Ltd (Midjil)	5	5	33KV	5	5	5	5	5	5	5	5	5
149	S.R. Sun Power India Pvt Ltd (Maktal)	5	5	33KV	5	5	5	5	5	5	5	5	5
150	Thukkapur Solar Pvt Ltd	15	15	33KV	15	15	15	15	15	15	15	15	15
151	Pemmasani Solar Power Private Ltd,	10	10	33KV	10	10	10	10	10	10	10	10	10
152	Photon Solar Power Pvt Ltd., (Ph-I)	5	5	33KV	5	5	5	5	5	5	5	5	5
153	Photon Solar Power Pvt Ltd., (Ph-II)	5	5	33KV	5	5	5	5	5	5	5	5	5
154	Platinum Solar Pvt Ltd.,	2	2	33KV	2	2	2	2	2	2	2	2	2
155	Premier Photo Medak (P) Ltd., Digwal	8	8	33KV	8	8	8	8	8	8	8	8	8
156	Premier Photovoltaic Medak (P) Ltd., (Narsingi)	8	8	33KV	8	8	8	8	8	8	8	8	8
157	Prime Life Space Consultancy (P) Ltd.,	3	3	33KV	3	3	3	3	3	3	3	3	3
158	R.G.S.Solar Power Private Limited	7	7	33KV	7	7	7	7	7	7	7	7	7

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
159	Rays Power Infra (P) Ltd	2	2	33KV	2	2	2	2	2	2	2	2	2
160	Rohini Solares Pvt Ltd	5	5	33KV	5	5	5	5	5	5	5	5	5
161	Shinning Sun Power	10	10	33KV	10	10	10	10	10	10	10	10	10
162	SP Solren Private Limited	10	10	33KV	10	10	10	10	10	10	10	10	10
163	Sparkman Solar Energy Pvt Ltd	2	2	33KV	2	2	2	2	2	2	2	2	2
164	Sri Ramcharan Energy & Infra Pvt Ltd	10	10	33KV	10	10	10	10	10	10	10	10	10
165	SS Indus Solar Energy Private Limited	2	2	33KV	2	2	2	2	2	2	2	2	2
166	SSJ Power Projects & Infrastructures(P) Ltd	5	5	33KV	5	5	5	5	5	5	5	5	5
167	Starlite Global Enterprises (India) Ltd.,	3	3	33KV	3	3	3	3	3	3	3	3	3
168	Suraj Impex (India) Pvt. Ltd.,	2	2	33KV	2	2	2	2	2	2	2	2	2
169	Taletutayi Solar Projects P Ltd	10	10	33KV	10	10	10	10	10	10	10	10	10
170	Tri Solar Pvt LTD.,	5	5	33KV	5	5	5	5	5	5	5	5	5
171	Ushas Ventures Private Limited	8	8	33KV	8	8	8	8	8	8	8	8	8
172	Vcarve Renewable Energy Private Limited	3	3	33KV	3	3	3	3	3	3	3	3	3
173	Vigneswara Thermal Power Pvt Ltd	10	10	33KV	10	10	10	10	10	10	10	10	10
174	Winsol Solar Fields (Polepally) Pvt Ltd.,Indoor(Tandur)	10	10	33KV	10	10	10	10	10	10	10	10	10
175	Abijit Solar Energy Pvt Ltd	5	5	33KV	5	5	5	5	5	5	5	5	5
176	Abhyudaya Green Economic Zones	4	4	33KV	4	4	4	4	4	4	4	4	4
177	Achampet Solar Pvt Ltd	10	10	33KV	10	10	10	10	10	10	10	10	10
178	Ajay Kumar Ratilal Patel	2	2	33KV	2	2	2	2	2	2	2	2	2
179	Arun Vidyut Private Limited	5	5	33KV	5	5	5	5	5	5	5	5	5
180	Astonfield Solar (Rajasthan II) Pvt Ltd	2	2	33KV	2	2	2	2	2	2	2	2	2
181	Avighna Solarfarms Ltd	15	15	33KV	15	15	15	15	15	15	15	15	15

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control period				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
182	Bhagyanagar Green Energy Ltd.,	5	5	33KV	5	5	5	5	5	5	5	5	5
183	Advik Hi-Tech Pvt Ltd	3	3	33KV	3	3	3	3	3	3	3	3	3
184	Agarwal Enterprises	1	1	33KV	1	1	1	1	1	1	1	1	1
185	Arnav Renewable Energy	2.5	2.5	33KV	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
186	Associated Ceramics	1	1	33KV	1	1	1	1	1	1	1	1	1
187	D.J. Malpani	16.25	16.25	33KV	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25
188	Enrich Energy Private Limited	3	3	33KV	3	3	3	3	3	3	3	3	3
189	Govindram Shobharam & Co.	1	1	33KV	1	1	1	1	1	1	1	1	1
190	Harsha Constructions	1	1	33KV	1	1	1	1	1	1	1	1	1
191	Jsons Foundry Pvt Ltd (Z 15)	1	1	33KV	1	1	1	1	1	1	1	1	1
192	Jsons Foundry Pvt Ltd Ph - II (Z 17)	3	3	33KV	3	3	3	3	3	3	3	3	3
193	L.B. Kunjir	2	2	33KV	2	2	2	2	2	2	2	2	2
194	Mahalingashetty & Co. Ltd.	1	1	33KV	1	1	1	1	1	1	1	1	1
195	Marudhar Fashions - ZHB 03	1	1	33KV	1	1	1	1	1	1	1	1	1
196	Marudhar Fshions Ph - II (Z 24)	1	1	33KV	1	1	1	1	1	1	1	1	1
197	Paramount Minerals & Chem Ltd	1	1	33KV	1	1	1	1	1	1	1	1	1
198	Pudhari Publications Pvt LTd (Z16)	1	1	33KV	1	1	1	1	1	1	1	1	1
199	Pudhari Publications Pvt LTd Ph - II (Z 22)	1	1	33KV	1	1	1	1	1	1	1	1	1
200	Pudhari Publications Pvt LTd Ph - III (Z 23)	2	2	33KV	2	2	2	2	2	2	2	2	2
201	Ravindra K. Reshamwala	1	1	33KV	1	1	1	1	1	1	1	1	1
202	Sanjay Mohanlal Bafna	1.1	1.1	33KV	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
203	Sansui Electronics Unit II	1.05	1.05	33KV	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
204	Sapphire Proventures P Ltd	1	1	33KV	1	1	1	1	1	1	1	1	1
205	Saraswati Industries	1	1	33KV	1	1	1	1	1	1	1	1	1
206	Shreyalaxmi Properties	1	1	33KV	1	1	1	1	1	1	1	1	1
207	Sliver Line Investment Co. Pvt LTd	1	1	33KV	1	1	1	1	1	1	1	1	1

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control pelod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
208	Sunil Bankatalal Desadla	1.1	1.1	33KV	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
209	Swaraj PVC Pipes Pvt LTd	1	1	33KV	1	1	1	1	1	1	1	1	1
210	Vikram Tea Processor Pvt Lt.	1.5	1.5	33KV	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
211	Virupa Renewable Energy	2	2	33KV	2	2	2	2	2	2	2	2	2
212	Western Precicast Pvt Ltd.	2	2	33KV	2	2	2	2	2	2	2	2	2
213	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) ACME Yamunagar Solar Power Private Limited (Kosgi)	7.055	7.055	33KV	7.055	7.055	7.055	7.055	7.055	7.055	7.055	7.055	7.055
214	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) ACME Yamunagar Solar Power Private Limited (Mothkur)	7.055	7.055	33KV	7.055	7.055	7.055	7.055	7.055	7.055	7.055	7.055	7.055
	Tgspdcl 11kv & 33KV total	703.91	703.91	0	703.91	703.91	703.91	703.91	703.91	703.91	703.91	703.91	703.91
215	NTPC Bundled Scheme (Ramagundam)	10	10	33KV	10	10	10	10	10	10	10	10	10
216	M/s. Pennar Renewables Private Limited (formerly New Era Enviro Ventures (Karimnagar) Pvt. Ltd.,) (Manakondpur)	5	5	33KV	5	5	5	5	5	5	5	5	5
217	M/s. M/s. Pennar Renewables Private Limited (formerly New Era Enviro Ventures (Karimnagar) Pvt. Ltd., (Eallanthakunta)	10	10	33KV	10	10	10	10	10	10	10	10	10
218	M/s. Premier Photovoltaic Medak Private Limited (Kommara)	10	10	33KV	10	10	10	10	10	10	10	10	10
219	M/s. Premier Photovoltaic Medak Private Limited (Talamadla)	10	10	33KV	10	10	10	10	10	10	10	10	10

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share In (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control pelod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
220	M/s Oberon Power Corporation Ltd (Tippareddygudem)	5	5	33KV	5	5	5	5	5	5	5	5	5
221	M/s Oberon Power Corporation Ltd (Kakaravai)	5	5	33KV	5	5	5	5	5	5	5	5	5
222	M/s. ACME Karimnagar Solar Power Pvt. Ltd., (Project Company of Acme Fazilka Power Private Limited) (Kalvasrimrampur SS)	15	15	33KV	15	15	15	15	15	15	15	15	15
223	M/s.ACME Warangal Solar Power Pvt. Ltd.,	15	15	33KV	15	15	15	15	15	15	15	15	15
224	Rewanchal Solar Power Pvt Ltd (Acme Fazilka Power Private Limited)	15	15	33KV	15	15	15	15	15	15	15	15	15
225	M/s. Purvanchal Solar Power Pvt. Ltd., (Project Company of Acme Fazilka Power Private Limited)	15	15	33KV	15	15	15	15	15	15	15	15	15
226	M/s Vayudoot Solarfarms Limited (Project company of M/s Suzlon Energy Limited)	15	15	33KV	15	15	15	15	15	15	15	15	15
227	M/s Tata Power Renewable Energy Ltd	15	15	33KV	15	15	15	15	15	15	15	15	15
228	M/s Amun Solar Farms (Project Company of Suzlon Energy Limited)	15	15	33KV	15	15	15	15	15	15	15	15	15
229	M/s ACME Narwana Solar Power Private Limited	15	15	33KV	15	15	15	15	15	15	15	15	15
230	M/s Renjal Solar Private Limited (Project Company of Solar Pack Corporation Technologies S.L.)	15	15	33KV	15	15	15	15	15	15	15	15	15
231	Acme Fazilka Power Private Limited (Nandipet SS)	15	15	33KV	15	15	15	15	15	15	15	15	15

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share In (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
232	M/s Mytrah Abhinav Power Private Limited (Domakonda SS)	15	15	33KV	15	15	15	15	15	15	15	15	15
233	M/s Mytrah Adarsh Power Private Limited (Project Company of Mytrah Engery (I) Ltd) (Reddypet SS)	15	15	33KV	15	15	15	15	15	15	15	15	15
234	M/s Padmajiwadi Solar Private Limited (Project company of Solar Pack Corporation Technologies S.L.) (Padmajiwada SS)	10	10	33KV	10	10	10	10	10	10	10	10	10
235	M/s Neemuch Solar Power Private Limited (Project Company of Acme Fazilka Power Private Limited)	15	15	33KV	15	15	15	15	15	15	15	15	15
236	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) ACME Mahaboobnagar Solar Park (Godhur)	2.945	2.945	33KV	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945
237	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) ACME Mahaboobnagar Solar Park (Manthani)	2.945	2.945	33KV	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945
238	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) ACME Mahaboobnagar Solar Park (Padmajiwada)	2.945	2.945	33KV	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945

Sl.No	Station/ Source	Installed Capacity in(MW)	Net Capacity telangana State Share in (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)			Control peiod				
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected
239	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) ACME Yamunagar Solar Power Private Limited (Kosgi)	2.945	2.945	33KV	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945
240	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) ACME Yamunagar Solar Power Private Limited (Mothkur)	2.945	2.945	33KV	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945
241	NTPC Bundled Scheme under JNNSM Ph-II (400 MW) M/s Vishvarupa Solar Power Private Ltd.	2.945	2.945	33KV	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945	2.945
242	M/s MHS peddapally Solar plant	4.6	4.6	33KV		—	—	—	4.6	4.6	4.6	4.6	4.6
	Tgnpdcl 11kv &33kv total	282.27	282.27	0	277.67	277.67	277.67	277.67	282.27	282.27	282.27	282.27	282.27
	solar TGSPDCL TOTAL	5499.42	5499.42	0.00	3413.78	3537.26	3583.12	3583.12	5499.42	5499.42	5499.42	5499.42	5499.42
	solar TGNPDCL TOTAL	2377.50	2377.50	0.00	1508.50	1560.06	1579.19	1579.19	2377.50	2377.50	2377.50	2377.50	2377.50
	Solar SP+NP Total (MW)	7876.92	7876.92	0.00	4922.28	5097.32	5162.32	5162.32	7876.92	7876.92	7876.92	7876.92	7876.92

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Annexure C to Form 12 (Contracted Capacity) Non Conventional Sources (Non Solar)

Sl.No	Station/ Source	Installed Capacity In(MW)	Net Capacity telangana State Share In (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)				Control period					Remarks
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5		
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29		
				MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected			
NCEs															
Biomass															
1	M/s Surya Teja Power(Venkatraya Fibres (P) Ltd.,)	6	6	33KV	6	6	6	6	6	6	6	6	0	PPA expires on 12.04.2027	
	M/s Rithwik Power Projects Pvt. Ltd.	6	6	33KV	6	0	0	0	0	0	0	0	0	PPA expired on 22.11.2022	
	M/s.NSL Renewable Power Limited (formerly M/s.Indur Green Power (P) Ltd.)	6	6	33KV	6	0	0	0	0	0	0	0	0	PPA expired on 14.02.2023	
	M/s Shalivahana Green Energy Limited (M/s Shalivahana Projects Ltd.,)	6	6	33KV	6	0	0	0	0	0	0	0	0	PPA expired on 11.04.2022	
	M/s Saro Power and Infrastructures Ltd.	6	6	33KV	6	0	0	0	0	0	0	0	0	PPA expired on 27.06.2023	
	Total	6	6		30	6	6	6	6	6	6	6	0		
Minihydel															
1	M/s Srinivasa Power Pvt Ltd	0.55	0.55	33KV	0.55	0.55	0.55	0.55	0	0	0	0	0	PPA expired on 14.04.2024	
2	M/s AAAL Power Private limited(fomely Saraswathi Power& Industries Pvt Ltd	2	2	33KV	2	2	2	2	2	2	2	0	0	PPA expires on 01.10.2026	
	Total	2.55	2.55		2.55	2.55	2.55	2.55	2	2	2	0	0		
MSW															
1	M/s Hyderabad MSW Energy Solutions Private limited	19.80	19.80	132KV	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80		
Wind															

Sl.No	Station/ Source	Installed Capacity In(MW)	Net Capacity telangana State Share In (MW)	voltage level of evacuation	Yr(n-1)	Current Year "n"(2023-24)				Control period					Remarks
					Apr-mar	Apr-Sep	Oct-Mar	Apr-Mar	n+1	n+2	n+3	n+4	n+5		
					Actual	Actual	Actual	Actual	2024-25	2025-26	2026-27	2027-28	2028-29		
					MW	MW	MW	MW	Projected	Projected	Projected	Projected	Projected		
1	M/s Mytrah Vayu(Godavari)private limited	100.8	100.8	132KV	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8		
2	M/s Clean Wind Power(Ananthapur) private limited	27.3	27.3	132KV	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3		
Total		128.1	128.1		128.1	128.1	128.1	128.1	128.1	128.1	128.1	128.1	128.1		
IW															
1	M/s Shravana Power Pvt Ltd	7.5	7.5	132KV	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5		
2	M/s MSR Mega Bio Power private limited	7.5	7.5	33KV	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5		
Total		15	15		15	15	15	15	15	15	15	15	15		
Bagasse															
1	Ganapathi Sugar Industries lim	15	15	132KV	15	15	15	15	15	15	15	15	15		
2	M/s Gayatri Sugars Ltd(Formely GSR Sugars)	16.5	16.5		16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	0	PPA Expires on 15.05.2027	
3	M/s Madhucon Industries limite	24.2	24.2	132KV	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2		
4	M/s GAYatri Sugars Ltd(Formely NCS Sugars)	6	6		6	6	6	6	6	6	6	0	0	PPA Expires on 22.05.2026	
	M/s Kakatiya cement and sugars&industries limited	16.7	16.7	132KV	16.7	0	0	0	0	0	0	0	0	PPA Expired on 11.04.2022	
Total		61.70	61.70		78.40	61.70	61.70	61.70	61.70	61.70	61.70	55.70	39.20		
Non Solar total		233.15	233.15		273.85	233.15	233.15	233.15	232.60	232.60	232.60	224.60	202.10		

TRANSMISSION CORPORATION OF TELANGANA LIMITED
Annexure D to Form 12 (Contracted Capacity)

INTRA STATE LONG TERM OPEN ACCESS CONTRACTED CAPACITIES FOR SLDC ARR

S. No.	Generating station/source	Installed Capacity	Net Capacity Telangana State Share	Year (n-1)	Current Year 'n'				Control Period				
				April-March	Apr-Sep	Oct-Mar	Apr - Mar	n+1	n+2	n+3	n+4	n+5	
		MW	MW	Actual	Actual	Estimated	Estimated	Projected	Projected	Projected	Projected	Projected	
1	M/s. Valens Molecules Pvt. Ltd., Nizamabad District	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
2	M/s Bharat Electronics Limited, Sangareddy District	16.25	16.25					16.25	16.25	16.25	16.25	16.25	
3	M/s Mishra Dhatu Nigam Ltd., Hyderabad District	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
4	M/s. Singareni Collieries Company Limited, Manuguru, Bhadradi Kothagudem	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
5	M/s. Singareni Collieries Company Limited, Yellandu, Bhadradi Kothagudem	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	
6	M/s. Hyderabad Institute of Oncology Private Limited, Khammam District	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
7	M/s. Bharat Heavy Electricals Limited, Medak District	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
8	M/s. Singareni Collieries Company Limited, Kothagudem, Bhadradi Kothagudem	37.00	37.00	10.64	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	
TOTAL		129.75	129.75	350.55	373.73	372.42	113.5	129.75	129.75	129.75	129.75	129.75	

**Aggregate Revenue Requirement and Filing for Proposed SLDC Charges for SLDC Business for
the 5th Control Period (FY2024-25 to FY2028-29)**

Annexure-I

ABSTRACT OF INVESTMENT PLAN AND R & M CHARGES OF SLDC FOR 2024-25 to 2028-29

Description	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
Investment Plan					
SCADA Wing	₹ 606,127,287.86	₹ 116,266,902.41	₹ 5,247,245.15	₹ 4,897,894.18	₹ 9,587,365.06
Power Planning	₹ 23,570,500.00	₹ 42,426,900.00	₹ 0.00	₹ 0.00	₹ 0.00
Market Operation	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
EBC & RE	₹ 30,000,000.00	₹ 11,700,000.00	₹ 0.00	₹ 0.00	₹ 0.00
RE-II	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
Dynamic Studies	₹ 20,000,000.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
Telecom	₹ 15,143,593.40	₹ 6,364,759.00	₹ 6,902,773.96	₹ 6,863,924.96	₹ 9,362,741.96
Power Systems	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
Total	₹ 694,841,381.26	₹ 176,758,561.41	₹ 12,150,019.11	₹ 11,761,819.14	₹ 18,950,107.02
R & M Charges					
Consumables					
SCADA Wing	₹ 2,352,000.00	₹ 2,578,400.00	₹ 2,845,680.00	₹ 3,161,576.00	₹ 3,535,327.20
Power Planning	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
Market Operation	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
EBC & RE	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
RE-II	₹ 500,000.00	₹ 630,000.00	₹ 630,000.00	₹ 500,000.00	₹ 500,000.00
Dynamic Studies	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
Telecom	₹ 1,448,191.91	₹ 1,498,191.91	₹ 1,448,191.91	₹ 1,391,939.91	₹ 1,391,939.91
Power Systems	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
Total	₹ 4,300,191.91	₹ 4,706,591.91	₹ 4,923,871.91	₹ 5,053,515.91	₹ 5,427,267.11
AMCs & other Charges					
SCADA Wing	₹ 7,107,177.00	₹ 47,488,787.00	₹ 47,797,687.00	₹ 48,197,157.00	₹ 48,645,190.00
Power Planning	0.00	₹ 0.00	₹ 4,040,657.14	₹ 4,040,657.14	₹ 4,040,657.14
Market Operation	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00	₹ 0.00
EBC & RE	₹ 6,500,000.00	₹ 6,500,000.00	₹ 0.00	₹ 10,000,000.00	₹ 10,000,000.00
RE-II	2,000,000.00	₹ 2,000,000.00	₹ 2,000,000.00	4,606,000.00	4,606,000.00
Dynamic Studies	50,000.00	₹ 50,000.00	₹ 2,150,000.00	₹ 2,050,000.00	₹ 2,050,000.00
Telecom	₹ 1,000,000.00	₹ 1,000,000.00	₹ 1,000,000.00	₹ 1,000,000.00	₹ 1,000,000.00
Power Systems	₹ 772,378.00	₹ 1,000,000.00	₹ 1,000,000.00	₹ 1,000,000.00	₹ 1,000,000.00
Total	₹ 17,429,555.00	₹ 58,038,787.00	₹ 57,988,344.14	₹ 70,893,814.14	₹ 71,341,847.14
Grand Total	₹ 716,571,128.17	₹ 239,503,940.32	₹ 75,062,235.16	₹ 87,709,149.19	₹ 95,719,221.27

INVESTMENT PLAN FOR GRID OPERATION (SLDC) FOR THE YEAR 2024-2025

Description	Justification	Qty	Amount Rs
SCADA DIVISION			
Construction of building & Providing infrastructure at Backup SLDC	Construction of building & Providing infrastructure for establishment of Backup SLDC viz., Power supply, AC, Firefighting etc	Progressive Payments (50%)	46,562,183.00
Upgradation of Existing Infrastructure of SLDC	Infrastructure of existing SLDC has served its useful life. Hence Upgradation of existing SLDC Infrastructure is proposed for seamless SLDC operations.	LS	7,000,000.00
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	First Installment	543,184,958.00
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	50 Nos	5,196,146.86
Furniture for Main SLDC (Computer Tables, Chairs, etc)	Furniture required for new computers / for replacing old and damaged furniture furniture.	LS	500,000.00
Automatic Governor Control (AGC)	As per decision in 34th & 35th SRPC meeting to implement AGC in each state. 90 % PSDF funding is requested. (10 % of the cost has to be borne by TSSLDC i.e., 27.36,0000)	First Installment	684,000.00
Cyber Security		LS	1,500,000.00
Miscellaneous / Unforeseen Expenses		LS	500,000.00
Unforeseen expenses for EMS/ SCADA (Not Covered under AMC)		LS	1,000,000.00
TOTAL			₹606,127,287.86
POWER PLANNING DIVISION			
Development of dynamic and real time demand forecasting and Analytical Solution for TSSLDC	25 % of the development cost of tool		23,570,500.00
TOTAL			₹23,570,500.00
MARKET OPERATION			
Nil			
TOTAL			₹0.00
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		30,000,000.00
TOTAL			₹30,000,000.00
RE DIVISION-II			
Nil			
TOTAL			₹0.00
DYNAMIC STUDIES DIVISION			
Procurement of Servers, applications & advanced cyber security solutions			20,000,000.00
TOTAL			₹20,000,000.00
TELECOM			
Procurement of Comm equip, N/w equip, Powersupplies, Furniture, PCs, antivirus etc	Details enclosed as Annexure 3		15,143,593.40
TOTAL			₹15,143,593.40
POWER SYSTEMS DIVISION			
Nil			
TOTAL			₹0.00
GRAND TOTAL			₹694,841,381.26

R&M CHARGES**CONSUMABLES FOR GRID OPERATION FOR THE YEAR 2024-2025**

Description	Justification	Qty	Amount Rs
SCADA DIVISION			
Procurement of Cartridges of existing printer		74 Nos	912,000.00
Computer Spares (H/W like HDDs, Mice, Keyboards, etc)	Spares for daily use	LS	440,000.00
Networking HW in SLDC		LS	500,000.00
Miscellaneous		LS	500,000.00
TOTAL			₹2,352,000.00
POWER PLANNING DIVISION			
TOTAL			₹0.00
MARKET OPERATION			
TOTAL			₹0.00
EBC & RE DIVISION			
TOTAL			₹0.00
RE DIVISION-II			
Training for the Executives of SLDC	For all round updation of the knowledge and skill of the staff of SLDC with latest advances in technology, as recommended by the Ministry of Power.	LS	500,000.00
TOTAL			₹500,000.00
DYNAMIC STUDIES DIVISION			
TOTAL			₹0.00
TELECOM			
Consummables	Details enclosed as Annexure 3		1,217,456.00
R&M of equipment			230,735.91
TOTAL			₹1,448,191.91
POWER SYSTEMS DIVISION			
TOTAL			₹0.00
GRAND TOTAL			₹4,300,191.91

AMCs & other Charges for SLDC for the Year 2024-2025

Description	Justification	Qty	Amount Rs
SCADA DIVISION			
2 No Leased Line with 40 Mbps speed along with 16 nos Public Ips each (gradually upgraded upto 100 Mbps) for Web site hosting and Domain Name Registration cost	SLDC website is being hosted and needs periodic upgrades for Software, hardware and connectivity. Through the website all the data required by the management and other users (both internal and external) will be accessible. Also the DISCOMS and GENERATORS requisitions / availabilities etc will be acquired online for scheduling purpose.	LS	500,000.00
Existing SCADA system Annual Maintenance Charges including Price Adjustment		LS	5,500,000.00
AMC of DCPC locations UPS	AMC is issued every year	LS	177,177.00
AMC of ACs at SLDC	AMC is issued every year for Centralised AC System	LS	720,000.00
AMC of Access Control System and Surveillance System at SLDC		LS	100,000.00
Insurance of electronic equipment at SLDC		LS	110,000.00
TOTAL			₹7,107,177.00
POWER PLANNING DIVISION			
TOTAL			₹0.00
MARKET OPERATION			
TOTAL			₹0.00
EBC & RE DIVISION			
AMC of EAS Pacakage	Annual Technical Support of Energy Accounting Package for EBC by M/s Price Water Coopers		2,000,000.00
Comprehensive AMC of EAS Servers including renewal of licenses of Vmware, RHEL, Oracle, Comm vault, Trend Micro and extension of support for H/w of servers, storage, Switches and Firewall	Annual Technical Support of Energy Accounting Package for EBC by M/s Price Water Coopers		4,500,000.00
TOTAL			₹6,500,000.00
RE DIVISION-II			
Legal Charges			2,000,000.00
TOTAL			₹2,000,000.00
DYNAMIC STUDIES DIVISION			
Renewal of SSL Certificate, tsslcd.in domain name, IOS Application			50,000.00
TOTAL			₹50,000.00
TELECOM			
AMC of communication equipment			1,000,000.00
TOTAL			₹1,000,000.00
POWER SYSTEMS DIVISION			
Maintenance and support charges of 8 Nos PSSE Licenses in System Studies and System Protection wings	AMC is issued every Year		772,378.00
TOTAL			₹772,378.00
GRAND TOTAL			₹17,429,555.00

INVESTMENT PLAN FOR GRID OPERATION (SLDC) FOR THE YEAR 2025-2026			
Description	Justification	Qty	Amount 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.	Last Instalment	101,884,139.05
Upgradation of Existing Server & UPS 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.		5,000,000.00
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	4,364,763.36
Automatic Generation Control (AGC)	As per decision in 34th & 35th SRPC meeting to implement AGC in each state. 90 % PSDF funding is requested. (10 % of the cost has to be borne by TSSLDC i.e., 27,36,0000)	second Instalment	1,368,000.00
Furniture for Main SLDC (Computer Tables, Chairs, etc)	Furniture required for new computers / for replacing old & damaged furniture furniture and Establishment of Backup SLDC.	LS	500,000.00
Cyber Security		LS	1,650,000.00
Miscellaneous / Unforeseen Expenses		LS	500,000.00
Unforeseen expenses for EMS/ SCADA (Not Covered under AMC)		LS	1,000,000.00
TOTAL			₹116,266,902.41
POWER PLANNING DIVISION			
Development of dynamic and real time demand forecasting and Analytical Solution for TSSLDC	75 % of the development cost of tool		42,426,900.00
TOTAL			₹42,426,900.00
MARKET OPERATION			
Nil			₹0.00
TOTAL			₹0.00
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		11,700,000.00
Total			₹11,700,000.00
RE DIVISION-II			
Nil			₹0.00
TOTAL			₹0.00
DYNAMIC STUDIES DIVISION			
Nil			₹0.00
TOTAL			₹0.00
TELECOM			
Procurement of comm equip, n-w equip, powersupplies, furniture, PCs, antivirus etc	Details enclosed as Annexure 3		6,364,759.00
TOTAL			₹6,364,759.00
POWER SYSTEMS DIVISION			
Nil			₹0.00
TOTAL			₹0.00
GRAND TOTAL			₹176,758,561.41

R&M CHARGES			
CONSUMABLES FOR GRID OPERATION FOR THE YEAR 2025-2026			
Description	Justification	Qty	Amount Rs
SCADA DIVISION			
Procurement of Cartridges of existing printer		88 Nos	1,094,400.00
Computer Spares (H/W like HDDs, Mice, Keyboards, etc)	Spares for daily use	LS	484,000.00
Networking HW in SLDC		LS	500,000.00
Miscellaneous		LS	500,000.00
TOTAL			₹2,578,400.00
POWER PLANNING DIVISION			
Nil			₹0.00
TOTAL			₹0.00
MARKET OPERATION			
Nil			₹0.00
TOTAL			₹0.00
EBC & RE DIVISION			
Nil			₹0.00
TOTAL			₹0.00
RE DIVISION-II			
Training for the Executives of SLDC	For all round updation of the knowledge and skill of the staff of SLDC with latest advances in technology. as recommended by the Ministry of Power	LS	630,000.00
TOTAL			₹630,000.00
DYNAMIC STUDIES DIVISION			
Nil			₹0.00
TOTAL			₹0.00
TELECOM			
Consummables	Details enclosed as Annexure 3		1,217,456.00
R&M of equipment			280,735.91
TOTAL			₹1,498,191.91
POWER SYSTEMS DIVISION			
Nil			0.00
TOTAL			0.00
GRAND TOTAL			₹4,706,591.91

84

AMCs & other Charges for SLDC for the Year 2025-2026			
Description	Justification	Qty	Amount Rs
SCADA DIVISION			
2 No Leased Line with 40 Mbps speed along with 16 nos Public Ips each (gradually upgraded upto 100 Mbps) for Web site hosting and Domain Name Registration cost	SLDC website is being hosted and needs periodic upgrades for Software, hardware and connectivity. Through the website all the data required by the management and other users (both internal and external) will be accessible. Also the DISCOMS and GENERATORS requisitions / availabilities etc will be acquired online for scheduling purpose.	LS	700,000.00
Proposed SCADA system Annual Maintenance Charges	The yearly maintenance charges for the SCADA system	LS	45,683,787.00
AMC of ACs at SLDC	AMC is issued every year which includes Centralised AC System, Tower Acs, Split Acs Etc.	LS	864,000.00
AMC of Access Control System and Surveillance System at SLDC		LS	120,000.00
Insurance of electronic equipment at SLDC		LS	121,000.00
TOTAL			₹47,488,787.00
POWER PLANNING DIVISION			
TOTAL			₹0.00
MARKET OPERATION			
TOTAL			₹0.00
EBC & RE DIVISION			
AMC of EAS Pacakage	Annual Technical Support of Energy Accounting Package for EBC by M/s Price Water Coopers		2,000,000.00
Comprehensive AMC of EAS Servers including renewal of licenses of Vmware, RHEL, Oracle, Comm vault, Trend Micro and extension of support for H/w of servers, storage, Switches and Firewall	Annual Technical Support of Energy Accounting Package for EBC by M/s Price Water Coopers		4,500,000.00
TOTAL			₹6,500,000.00
RE DIVISION-II			
Legal Charges			2,000,000.00
TOTAL			₹2,000,000.00
DYNAMIC STUDIES DIVISION			
Renewal of SSL Certificate: tsslcdc.in domain name. IOS Application			50,000.00
TOTAL			₹50,000.00
TELECOM			
AMC of communication equipment			1,000,000.00
TOTAL			₹1,000,000.00
POWER SYSTEMS DIVISION			
Maintenance and support charges of 8 Nos PSSE Licenses in System Studies and System Protection wings	AMC is issued every Year.		1,000,000.00
TOTAL			₹1,000,000.00
GRAND TOTAL			₹58,038,787.00

INVESTMENT PLAN FOR GRID OPERATION (SLDC) FOR THE YEAR 2026-2027

Description	Justification	Qty	Amount Rs
SCADA DIVISION			
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	5 Nos	748,245.15
Automatic Governor Control (AGC)	As per decision in 34th & 35th SRPC meeting to implement AGC in each state. 90 % PSDF funding is requested. (10 % of the cost has to be borne by TSSLDC i.e., 27,36,0000)	third Installation	684,000.00
Furniture for Main & SLDC (Computer Tables, Chairs, etc)	Furniture required for new computers / for replacing old and damaged furniture furniture.	LS	500,000.00
Cyber Security		LS	1,815,000.00
Miscellaneous / Unforeseen Expenses		LS	500,000.00
Unforeseen expenses for EMS/ SCADA (Not Covered under AMC)		LS	1,000,000.00
TOTAL			₹5,247,245.15
POWER PLANNING DIVISION			
Nil			₹0.00
TOTAL			
MARKET OPERATION			
Nil			₹0.00
TOTAL			
EBC & RE DIVISION			
Nil			₹0.00
TOTAL			
RE DIVISION-II			
Nil			₹0.00
TOTAL			
DYNAMIC STUDIES DIVISION			
Nil			₹0.00
TOTAL			
TELECOM			
Procurement of Comm equip, N/w equip, powersupplies, furniture, PCs, antivirus etc	Details enclosed as Annexure 3		6,902,773.96
TOTAL			₹6,902,773.96
POWER SYSTEMS DIVISION			
Nil			0.00
TOTAL			
GRAND TOTAL			₹12,150,019.11

R&M CHARGES			
CONSUMABLES FOR GRID OPERATION FOR THE YEAR 2026-2027			
Description	Justification	Qty	Amount Rs
SCADA DIVISION			
Procurement of Cardtridges of existing printers		88 Nos	1,313,280.00
Computer Spares (H/W like HDDs, Mice, Keyboards, etc)	Spares for daily use	LS	532,400.00
Networking HW in SLDC		LS	500,000.00
Miscellaneous			500,000.00
	TOTAL		₹2,845,680.00
POWER PLANNING DIVISION			
Nil			₹0.00
	TOTAL		
MARKET OPERATION			
Nil			₹0.00
	TOTAL		
EBC & RE DIVISION			
Nil			₹0.00
	TOTAL		
RE DIVISION-II			
Training for the Executives of SLDC	For all round updation of the knowledge and skill of the staff of SLDC with latest advances in technology. as recommended by the Ministry of Power	LS	630,000.00
	TOTAL		₹630,000.00
DYNAMIC STUDIES DIVISION			
Nil			₹0.00
	TOTAL		
TELECOM			
Consummables	Details enclosed as Annexure 3		1,217,456.00
R&M of equipment			230,735.91
	TOTAL		₹1,448,191.91
POWER SYSTEMS DIVISION			
Nil			0.00
	TOTAL		
	GRAND TOTAL		₹4,923,871.91

AMCs & other Charges for SLDC for the Year 2026-2027			
Description	Justification	Qty	Amount Rs
SCADA DIVISION			
2 No Leased Line with 40 Mbps speed along with 16 nos Public Ips each (gradually upgraded upto 100 Mbps) for Web site hosting and Domain Name Registration cost	SLDC website is being hosted and needs periodic upgrades for Software, hardware and connectivity. Through the website all the data required by the management and other users (both internal and external) will be accessible. Also the DISCOMS and GENERATORS requisitions / availabilities etc will be acquired online for scheduling purpose.	LS	800,000.00
Proposed SCADA system Annual Maintenance Charges	The yearly maintenance charges for the SCADA system	LS	45,683,787.00
AMC of ACs at SLDC	AMC is issued every year which includes Centralised AC System, Tower Acs, Split Acs Etc	LS	1,036,800.00
AMC of Access Control System and Surveillance System at SLDC		LS	144,000.00
Insurance of electronic equipment at SLDC		LS	133,100.00
	TOTAL		₹47,797,687.00
POWER PLANNING DIVISION			4,040,657.14
AMC for Forecasting tool			₹4,040,657.14
	TOTAL		
MARKET OPERATION			0.00
Nil			TOTAL
EBC & RE DIVISION			₹0.00
			TOTAL
RE DIVISION-II			2,000,000.00
Legal Charges			₹2,000,000.00
			TOTAL
DYNAMIC STUDIES DIVISION			2,000,000.00
Maintenance of IT system			50,000.00
Renewal of SSL Certificate, tsslcd.in domain name, IOS Application			100,000.00
Warranty for 2 No of Apple Mac Book Pro for 3 years			₹2,150,000.00
	TOTAL		
TELECOM			1,000,000.00
AMC of communication equipment			₹1,000,000.00
	TOTAL		
POWER SYSTEMS DIVISION			1,000,000.00
Maintenance and support charges of 8 Nos PSSE Licenses in System Studies and System Protection wings	AMC is issued every Year		₹1,000,000.00
	TOTAL		
		GRAND TOTAL	₹57,988,344.14

INVESTMENT PLAN FOR GRID OPERATION (SLDC) FOR THE YEAR 2027-2028

Description	Justification	Qty	Amount Rs
SCADA DIVISION			
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	5 Nos	897,894.18
Furniture for Main & Backup SLDC (Computer Tables, Chairs, etc)	Furniture required for new computers / for replacing old and damaged furniture furniture.	LS	500,000.00
Cyber Security		LS	2,000,000.00
Miscellaneous / Unforeseen Expenses		LS	500,000.00
Unforeseen expenses for EMS/ SCADA (Not Covered under AMC)		LS	1,000,000.00
TOTAL			₹4,897,894.18
POWER PLANNING DIVISION			
Nil			₹0.00
TOTAL			₹0.00
MARKET OPERATION			
Nil			₹0.00
TOTAL			₹0.00
EBC & RE DIVISION			
Nil			₹0.00
TOTAL			₹0.00
RE DIVISION-II			
Nil			₹0.00
TOTAL			₹0.00
DYNAMIC STUDIES DIVISION			
Nil			₹0.00
TOTAL			₹0.00
TELECOM			
Procurement of comm equip, n/w equip, powersupplies, furniture, PCs, antivirus etc	Details enclosed as Annexure 3		6,863,924.96
TOTAL			₹6,863,924.96
POWER SYSTEMS DIVISION			
Nil			₹0.00
TOTAL			₹0.00
GRAND TOTAL			₹11,761,819.14

89

R&M CHARGES

CONSUMABLES FOR GRID OPERATION FOR THE YEAR 2027-2028

Description	Justification	Qty	Amount Rs
SCADA DIVISION			
Procurement of Cartridges of existing printers	Spares for daily use	104 Nos	1,575,936.00
Computer Spares (H/W like HDDs, Mice, Keyboards, etc)		LS	585,640.00
Networking HW in SLDC		LS	500,000.00
		LS	500,000.00
			₹3,161,576.00
Miscellaneous	TOTAL		
			₹0.00
POWER PLANNING DIVISION			
Nil	Nil		
	TOTAL		
			₹0.00
MARKET OPERATION			
Nil	Nil		
	TOTAL		
			₹0.00
EBC & RE DIVISION			
Nil	Nil		
	TOTAL		
			₹0.00
RE DIVISION-II			
Training for the Executives of SLDC	For all round updation of the knowledge and skill of the staff of SLDC with latest advances in technology, as recommended by the Ministry of Power.	LS	500,000.00
			₹500,000.00
	TOTAL		
			₹0.00
DYNAMIC STUDIES DIVISION			
Nil	Nil		
	TOTAL		
			₹0.00
TELECOM			
Consummables	Details enclosed as Annexure 3		1,161,204.00
R&M of equipment			230,735.91
	TOTAL		₹1,391,939.91
			₹0.00
POWER SYSTEMS DIVISION			
	TOTAL		
		GRAND TOTAL	₹5,053,515.91

AMCs & other Charges for SLDC for the Year 2027-2028			
Description	Justification	Qty	Amount Rs
SCADA DIVISION			
2 No Leased Line with 40 Mbps speed along with 16 nos Public Ips each (gradually upgraded upto 100 Mbps) for Web site hosting and Domain Name Registration cost	SLDC website is being hosted and needs periodic upgrades for Software, hardware and connectivity. Through the website all the data required by the management and other users (both internal and external) will be accessible. Also the DISCOMS and GENERATORS requisitions / availabilities etc will be acquired online for scheduling purpose.	LS	950,000.00
Proposed SCADA system Annual Maintenance Charges	The yearly maintenance charges for the SCADA system	LS	45,683,787.00
AMC of ACs at SLDC	AMC is issued every year which includes Centralised AC System, Tower Acs, Split Acs Etc	LS	1,244,160.00
AMC of Access Control System and Surveillance System at SLDC		LS	172,800.00
Insurance of electronic equipment at SLDC		LS	146,410.00
TOTAL			₹48,197,157.00
POWER PLANNING DIVISION			
AMC for Forecasting tool			4,040,657.14
TOTAL			₹4,040,657.14
EBC & RE DIVISION			
AMC of SAMAST	Annual Technical Support for SAMAST Package		10,000,000.00
TOTAL			₹10,000,000.00
RE DIVISION-II			
AMC Cost for FSP(Power Forecast)	Forecasting & Weather Services Contract	LS	2,500,000.00
AMC Cost for Weather Service Provider		LS	106,000.00
Legal Charges			2,000,000.00
TOTAL			₹4,606,000.00
DYNAMIC STUDIES DIVISION			
Maintenance of IT system			2,000,000.00
Renewal of SSL Certificate, tssldc.in domain name, IOS Application			50,000.00
TOTAL			2,050,000.00
TELECOM			
AMC of communication equipment			1,000,000.00
TOTAL			₹1,000,000.00
POWER SYSTEMS DIVISION			
Maintenance and support charges of 8 Nos PSSE Licenses in System Studies and System Protection wings	AMC is issued every Year	LS	1,000,000.00
TOTAL			₹1,000,000.00
GRAND TOTAL			₹70,893,814.14

INVESTMENT PLAN FOR GRID OPERATION (SLDC) FOR THE YEAR 2028-2029			
Description	Justification	Qty	Amount Rs
SCADA DIVISION			
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	25 Nos	5,387,365.06
Furniture for Main & Backup SLDC (Computer Tables, Chairs, etc)	Furniture required for new computers / for replacing old and damaged furniture furniture.	LS	500,000.00
Cyber Security		LS	2,200,000.00
Miscellaneous / Unforeseen Expenses		LS	500,000.00
Unforeseen expenses for EMS/ SCADA (Not Covered under AMC)		LS	1,000,000.00
	TOTAL		₹9,587,365.06
POWER PLANNING DIVISION			
Nil			₹0.00
	TOTAL		
MARKET OPERATION			
Nil			₹0.00
	TOTAL		
EBC & RE DIVISION			
Nil			₹0.00
	TOTAL		
RE DIVISION-II			
Nil			₹0.00
	TOTAL		
DYNAMIC STUDIES DIVISION			
Nil			₹0.00
	TOTAL		
TELECOM			
Procurement of comm equip. n/w equip. powersupplies, furniture PCs, antivirus etc	Details enclosed as Annexure 3		9,362,741.96
	TOTAL		₹9,362,741.96
POWER SYSTEMS DIVISION			
Nil			₹0.00
	TOTAL		
GRAND TOTAL			₹18,950,107.02

AMCs & other Charges for SLDC for the Year 2028-2029

Description	Justification	Qty	Amount Rs
SCADA DIVISION			
2 No Leased Line with 40 Mbps speed along with 16 nos Public Ips each (gradually upgraded upto 100 Mbps) for Web site hosting and Domain Name Registration cost	SLDC website is being hosted and needs periodic upgrades for Software, hardware and connectivity. Through the website all the data required by the management and other users (both internal and external) will be accessible. Also the DISCOMS and GENERATORS requisitions / availabilities etc will be acquired online for scheduling purpose	LS	1,100,000.00
Proposed SCADA system Annual Maintenance Charges	The yearly maintenance charges for the SCADA system	LS	45,683,787.00
AMC of ACs at SLDC	AMC is issued every year which includes Centralised AC System, Tower Acs, Split Acs Etc.	LS	1,492,992.00
AMC of Access Control System and Surveillance System at SLDC		LS	207,360.00
Insurance of electronic equipment at SLDC		LS	161,051.00
TOTAL			₹48,645,190.00
POWER PLANNING DIVISION			
AMC for Forecasting tool			4,040,657.14
TOTAL			4,040,657.14
MARKET OPERATION			
Nil			₹0.00
TOTAL			
EBC & RE DIVISION			
AMC of SAMAST	Annual Technical Support for SAMAST Package		10,000,000.00
TOTAL			₹10,000,000.00
RE DIVISION-II			
AMC Cost for FSP(Power Forecast)	Forecasting & Weather Services Contract	LS	2,500,000
AMC Cost for Weather Service Provider		LS	106,000
Legal Charges			2,000,000
TOTAL			₹4,606,000.00
DYNAMIC STUDIES DIVISION			
Maintenance of IT system			2,000,000.00
Renewal of SSL Certificate Issued in domain name IOS Application			50,000.00
TOTAL			₹2,050,000.00
TELECOM			
AMC of communication equipment			1,000,000.00
TOTAL			₹1,000,000.00
POWER SYSTEMS DIVISION			
Maintenance and support charges of 8 Nos PSSE Licenses in System Studies and System Protection wings	AMC is issued every Year	LS	1,000,000.00
TOTAL			₹1,000,000.00
GRAND TOTAL			₹71,341,847.14

Aggregate Revenue Requirement and Filing for Proposed SLDC Charges for SLDC Business for the 5th Control Period (FY2024-25 to FY2028-29)

Status of capital works at SLDC in 4th Control Period			
Sl.No	Works	Status as on 07.10.2023	Present Status
1	Creation of Backup SLDC	Unified Replacement/Upgradation of SCADA systems in Southern Region for Main and Back-Up SLDC is taken up with proposed commissioning by 2025. Tenders are floated by SRLDC and Pre bid queries of vendors are under discussion	Unified Replacement/Upgradation of SCADA systems in Southern Region for Main and Back-Up SLDC is taken up with proposed commissioning by 2025. Tenders are floated by SRLDC and Pre bid meetings were concluded. Vendors requested 45 days time for placing commercial bids
2	Construction of Backup SLDC	In order to meet the commissioning timelines of 2025, Construction process of Back-up SLDC building at Warangal is initiated.	In order to meet the commissioning timelines of 2025, Construction process of Back-up SLDC building at Warangal is initiated and plinth construction is under progress.
3	Meeting hall & Video conference rooms	Proposal will be taken up in 5th Control period	Proposal will be taken up in 5th Control period
4	AGC	Proposal for obtaining PSDF funding was sent.	PSDF committee has returned the proposals due to lack of funds for a period of one year.
5	Projects(SAMAST AMR)	Preparation of Scope of Work is under process	Tenders are floated development of IT Applications for all modules of SAMAST. Pre-bid meeting was concluded and corrigendum is issued. The technical demonstration of the Interface Energy Meters is Completed and Price bids are Opened and PO is yet to be Placed.
6	Telecom Equipments for Back Up SLDC & REMC Project	Procurement of Communciation equipment is under process	Proposal will be taken up in the 5th Control period

CE/SLDC

ANNEXURE - II

COMPLIANCE OF DIRECTIVES

Directive	Subject of Directive	Status/ Action Taken/ Report
Details of Completed Capital Works	The Commission directs the Petitioner to submit the details of completed capital works pertaining to SLDC operations along with Project Completion Certificate (PCC) and Financial Completion Certificate (FCC) as is being done for transmission projects. The Commission also directs the Petitioner to file a monthly report with the Commission on progress in capital works pertaining to SLDC operations by 25 th of every month relating to the previous month.	Complied with.
Details of Actual Costs and Revenue	The Commission directs the Petitioner to file the actual costs and revenues by 25 th of every month relating to previous month in the format prescribed for this purpose by the Commission. The Commission also directs the Petitioner to state its own observations on cost, revenue and capacities along with the monthly report.	Complied with.
Proposal for Determining Norms of O&M Expenses	The Commission directs the Petitioner to submit the proposal for determining the norms of O&M expenses in accordance with Regulation No. 1 of 2006 by 30.06.2020.	Complied with.
Optimum Utilisation of SLDC Assets	The Commission directs the Petitioner to make needful study and send the proposal for approval regarding the optimum utilisation of SLDC assets by engaging in other business activity and amount of financial gains to be accrued on account of the above.	Complied with.
Annual Performance Review	The Commission directs the Petitioner to file the Performance Review (true-up) for each year of the 4 th Control Period before 31 st December of the following year. As a first step, the Petitioner shall file the Annual Performance Review for FY 2019-20 by 31.12.2020.	Complied with.

95



to

The Transmission Corporation of Telangana Ltd,
Hyderabad

Ramamoorthy (N) & Co.,
Chartered Accountants

Independent Auditor's Certificate on the Statement of Assets and Liabilities pertaining to State Load Dispatch Centre of Transmission corporation of Telangana Ltd for the Financial year ended 31-03-2023.

This certificate is issued in accordance with the terms of engagement letter no vide Lr.No.FA&CCA (A/Cs.) & CFO/SAO(SLDC&TR)/AO/AAO(Rev)D.No101/24dt: 07.03.2024 for submission of duly certified statement by statutory auditors of the Assets and liabilities of State Load Dispatch Centre(SLDC) of Transmission corporation of Telangana Ltd (TS TRANSCO) for the year ended 31-03-2023.

Management Responsibility for the Statement

1. The Preparation of the Statement is the responsibility of the management of SLDC within TS TRANSCO including the preparation and maintenance of all accounting and other relevant supporting records and documents. This responsibility includes the design, Implementation and maintenance of internal control relevant to the preparation and presentation of the statement and applying an appropriate basis of preparation; and making estimates that are reasonable in the circumstances.
2. The management is also responsible for ensuring that the company complies with requirements of Aggregate revenue requirement (ARR) as per new regulation (2) of 2023 and provides all the relevant information for the same.

Opinion

We have verified the attached statement of Assets and liabilities of State Load Dispatch Centre (SLDC) of Transmission corporation of Telangana Ltd for the year ended 31-03-2023 and verified the bifurcation between SLDC and TS TRANSCO and found the balances correctly bifurcated. We here with certify the same.

Restriction on Use

The certificate is addressed to and provided to the Transmission Corporation of Telangana Ltd solely for the purpose of filing of MYT for the 5th control period. The accompanying certified Statement of assets and liabilities of State load Dispatch Centre of Transmission Corporation of Telangana Ltd is for the purpose of filing of MYT for the 5th control period, and should not be used for any other purpose. Accordingly, we do not accept or assume any liability or any duty of care for any other purpose or to any other person to whom this certificate is shown or into whose hands it may come without our prior consent in writing.

For Ramamoorthy(N) & Co.,

Chartered Accountants

FRN: 028995

Surendranath Bharathi



CA Surendranath Bharathi

Partner, M.No : 023837

UDIN No: 24023837BKERUE3710

Date: 14-03-2024

Place: Hyderabad

118

STATE LOAD DESPATCH CENTRE			
Statement of Assets and Liabilities as at 31st March 2023			
(Rs. in Lakhs)			
Particulars	Notes	As at 31st March 2023	As at 31st March 2022
ASSETS			
Non-Current Assets			
Property, plant and equipment	1A	697.84	795.37
Capital work in progress	1B	820.17	806.25
Intangible assets	1C	5.98	9.48
Financial assets			
Trade receivables	10A	-	-
Investments	2	-	-
Others	10A	0.02	0.02
Provisions	4A	-	-
Other non-current assets	5A	-	-
Total non-current assets		1,524.00	1,611.11
Current assets			
Inventories	7	-	-
Financial assets			
Trade receivables	8	318.86	423.28
Cash and cash equivalents	9	0.44	11.70
Loans	3B	-	-
Others	10B	164.43	169.42
Provisions	4B	-	-
Current tax assets (net)	6	715.85	630.45
Other current assets	5B	1,238.33	1,324.15
Total current assets		2,437.91	2,559.00
Total assets		3,961.91	4,170.12
EQUITY AND LIABILITIES			
Equity			
Equity share capital	11A	-	-
Other equity	11B	1,351.33	1,484.56
Total equity		1,351.33	1,484.56
Reorganisation resultant reserve	36	-	-
Liabilities			
Non-current liabilities			
Financial liabilities			
Borrowings	12A	-	-
Other financial liabilities	14A	(87.11)	1,026.70
Lease liabilities	14 ia	-	-
Provisions	15A	-	-
Grants and consumer contributions towards property, plant	16	226.70	226.70
Deferred tax liabilities (net)	17	-	-
Other non-current liabilities	18A	880.79	855.74
Total non-current liabilities		1,020.38	2,109.14
Current liabilities			
Financial liabilities			
Borrowings	12B	-	-
Trade payables		32.85	53.26
Due to Micro, Small & Medium Enterprises		-	-
Others	13	-	-
Other financial liabilities	14B	1,052.90	18.71
Lease liabilities	14 ia	-	-
Other current liabilities	18B	-	-
Provisions	15B	504.44	504.44
Grants and consumer contributions towards property, plant	16	-	-
Total current liabilities		1,590.20	576.42
Total liabilities		2,610.57	2,685.55
Total equity and liabilities		3,961.91	4,170.12

76

Financial Adviser and Chief
 Controller of Accounts (Accounts) &
 Chief Financial Officer
 TSTRANSCO, Vidyut Soudha,
 Hyderabad - 500 082.

For RAMAMOORTHY (N) & Co.,
 Chartered Accountants
 FRN: 02899 S
 CA. Surendra Nath Bharadwaj
 Partner
 Mem. No: 023837
 M/31/2024



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