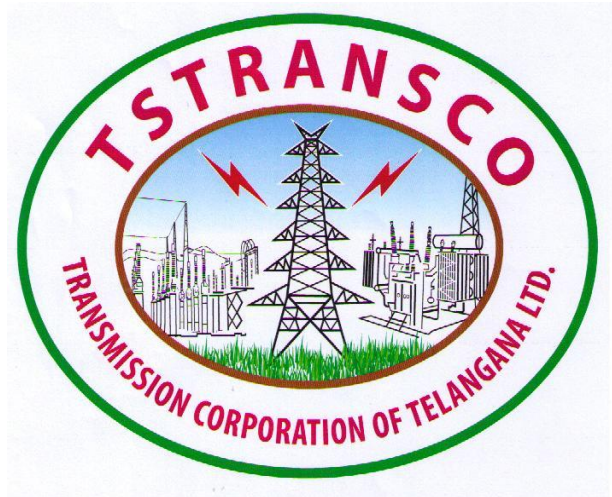


**Transmission Corporation of Telangana Limited
(State Transmission Utility)**



**Filing of
ANNUAL PERFORMANCE REVIEW (True-Up)
for FY2021-22 of SLDC Activity**

December, 2022

INDEX

<i>1</i>	<i>AFFIDAVIT</i>	<i>2</i>
<i>2</i>	<i>PETITION</i>	<i>4</i>
<i>3</i>	<i>INTRODUCTION</i>	<i>6</i>
<i>4</i>	<i>TRUE-UP FOR FY 2021-22</i>	<i>7</i>
<i>5</i>	<i>STATUS OF WORKS DURING FY 2021-22</i>	<i>11</i>
<i>6</i>	<i>SUMMARY</i>	<i>13</i>
ANNEXURE – A: COMPLIANCE OF DIRECTIVES		14
ANNEXURE - B : TSSLDC ACTUAL CONTRACTED CAPACITIES (IN MW) FOR FY 2021-22		15

LIST OF TABLES:

TABLE 1: True Up: O&M Expenses (Rs. in Crores)	8
TABLE 2: True Up: Capital Cost (Rs. in Crores)	9
TABLE 3: True Up: Revenue ((Rs. in Crores)	10
TABLE 4: ARR Deviation – (Tariff Order vis-à-vis Actual) (Rs. in Crores)	10
TABLE 5: Summary – Annual Performance of SLDC for FY 2021-22	13

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

AT ITS OFFICE AT Vth FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD

FILING NO. _____/2022

CASE NO. _____/2022

In the matter of:

Filing of the Annual Performance Review (True up) for the FY 2021-22 of the SLDC Activity w.r.t. Tariff Order dated 02.03.2020 for the 4th Control Period i.e., from FY 2019-20 to FY 2023-24, read with Regulation No.1 of 2006 of APERC adopted by TSERC as per Regulation No.1 of 2014.

In the matter of:

TRANSMISSION CORPORATION OF TELANGANA LIMITED

... Applicant

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING
FILING OF ANNUAL PERFORMANCE REVIEW**

I, D. Prabhakar Rao, S/o D. Pashupathi Rao 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 TSTransco, the licensee company operating and controlling the Transmission Business & SLDC Activity 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 TSTransco to affirm, swear, execute and file this affidavit in the present proceedings.

2. I have read and understood the contents of the accompanying Filing of Annual Performance Review for SLDC Activity for the FY 2021-22. The statements made in the paragraphs of the accompanying application are true to my

Filing of Annual Performance Review for FY2021-22 of SLDC Activity of TSTRANSCO

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.

b. h. e.

DEPONENT

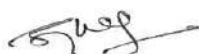
VERIFICATION:

I, the above named Deponent solemnly affirm at Hyderabad on this 29th day of **December, 2022** 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.

b. h. e.

DEPONENT

Solemnly affirmed and signed before me.



COMPANY SECRETARY
TSTRANSCO/HYDERABAD
RAVI KUMAR SULUVA

BCA, FCS

COMPANY SECRETARY, TSTRANSCO,
VIDYUT SOUDHA, HYDERABAD-500 082.

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

AT ITS OFFICE AT Vth FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD.

FILING NO. _____/2022

CASE NO. _____/2022

In the matter of:

Filing of the Annual Performance Review (True up) for the FY 2021-22 of the SLDC Activity w.r.t. Tariff Order dated 02.03.2020 for the 4th Control Period i.e., for FY 2019-20 to FY 2023-24, read with Regulation No.1 of 2006 of APERC adopted by TSERC as per Regulation No.1 of 2014.

In the matter of:

TRANSMISSION CORPORATION OF TELANGANA LIMITED

... Applicant

The applicant respectfully submits as under:

1. Hon'ble TSERC, as per Tariff order for SLDC Activity for the 4th MYT (FY 2019-20 to FY 2023 -24) dt. 02.03.2020 directed TSTRANSCO to comply with the directives stipulated for each year of the MYT period.
2. As per the Directive No.5 of the Tariff Order dt.02.03.2020, TSTRANSCO is required to file Annual Performance Review (True up) for each year of the 4th Control Period before 31st December of the following year.
3. It is to submit that TSTRANSCO filed Annual Performance Review (True up) for the FY 2020-21 for SLDC Activity on dt. 31.12.2021 and the Hon'ble Commission issued order dt. 23.03.2022.
4. TSTransco filed Review Petition for Review of the Hon'ble TSERC's Order on APR-2020-21 on 04.06.2022 for which the Hon'ble Commission issued order on dt. 30.08.2022.
5. TSTransco herein files Annual Performance Review (True up) for the FY 2021-22 for SLDC Activity along with the information for taking approval of the Hon'ble Commission.

6. In the aforesaid circumstances, the applicant respectfully prays Hon'ble TSERC to

- a) Take the accompanying petition on Annual Performance Review (True up) for the FY 2021-22 for SLDC Activity on record.
- b) Allow the depreciation to recover the same from the Generators on monthly basis.
- c) Consider the following to incur the capital Investments towards Capacity building/ Upgradation of SLDC on regular basis:
 - (i) to create a separate fund namely "LDC Development Fund" for administering capital expenditure/ creation of new Assets towards capacity building of SLDC out of depreciation under Annual Charges and registration fee as per Clause 27 of CERC Regulation, 2019 (Fees and Charges for RLDCs), and
 - (ii) to deposit other income such as processing Fee, Surcharge etc., into separate account namely "Contingency Reserve" as per Clause 28 of CERC Regulation, 2019, (Fees and Charges for RLDCs) to enable to meet the shortfall amount of annual charges allowed by Hon'ble Commission.
- d) Admit the Surplus amount of Rs.1.65 Crores for FY 2021-22.
- e) Grant suitable opportunity to TSTRANSCO within a reasonable timeframe to file additional information, if required.
- f) Consider the facts and circumstances of the present petition and pass an appropriate order.

TRANSMISSION CORPORATION OF TELANGANA LIMITED
(APPLICANT)

Through

Place: HYDERABAD

Dated: 29 December, 2022



D. PRABHAKAR RAO

CHAIRMAN AND MANAGING DIRECTOR

1 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. TSTRANSCO is presently carrying out solely, the 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 (TSTRANSCO).

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 proposals and FPT submitted by TSTRANSCO for 4th Control Period, the Hon'ble TSERC had issued order for Annual Fee and Operating Charges for SLDC for the 4th Control Period (FY 2019-20 to FY 2023-24), on 02.03.2020.

The TSERC, vide directive No.5 (Appendix-B) of the SLDC tariff order, had directed the licensee to file Annual Performance Review (True-up) for each year of the 4th Control Period by 31st December of the next financial year. As such, the licensee is required to file Annual Performance Review (True-up) for FY 2021-22 by 31st December 2022.

In compliance with the Regulations and Guidelines issued by the TSERC, TSTransco, the State Transmission Utility & Transmission Licensee managing the SLDC business herein submits the following in this Annual Performance Review (True-up) Petition:

- i. True Up - Analysis of Performance for FY 2021-22.
- ii. Analysis of Performance of SLDC Activity for FY 2021-22.

2 True-up for FY 2021-22

The Transmission Licensee i.e., TRANSMISSION CORPORATION OF TELANGANA LIMITED (TS TRANSCO) is hereby filing the Annual Performance Review (True-up) Petition of SLDC Activity for FY 2021-22 in compliance with New Directive No. 5 of SLDC Tariff Order for 4th MYT Control Period Dt. 02.03.2020, read with APERC Regulation No.1 of 2006 (Levy and collection of fees and charges by State Load Despatch Centre) adopted by TSERC as per Regulation No.1 of 2014, for variations in recovery of capital cost and operating charges over the fees and charges fixed for a year on account of variations in SLDC usage for the FY 2021-22.

TSTRANSCO submits the following in the APR Petition:

- Statement of variance with the Tariff Order for each item in the Aggregate Revenue Requirement and reasons for variation.

- Actual Aggregate Revenue Requirement (ARR) for the year computed based on O&M Charges and actual interest and other costs.
- The Surplus/Deficit for the FY 2021-22 is arrived based on actual revenue for the year.

(a) **Operation and Maintenance (O&M) Expenses:** The O&M Expenses cover the Employees Cost, Administrative & General Expenses, Repairs & Maintenance Expenses.

Table 1: O&M Expenses:

(Rs. in Crores.)

Particulars	FY 2021-22		
	Tariff Order	Actuals	Deviation
Employees Cost	35.44	42.46	7.02
Administration and General Exp.	2.74	0.43	-2.31
Repairs & Maintenance Exp.	0.52	1.13	0.61
Other Expenses (Spl. Appr. Allowed)	7.91	1.82	-6.09
Total:	46.61	45.85	-0.76

It could be seen from the above that,

- (i) There is an increase of Rs.7.02 Crores towards employee cost compared to Approved Tariff Order. But, when compared to previous year actuals there is a normal increase in employee cost due to DA and Annual Grade Increments.
- (ii) There is a normal increase in actual A&G expenses compared to previous year actuals.
- (iii) There is a normal increase in actual R&M expenditure due to increase in consumption of O&M material and increase in R&M of IT & Software expenses compared to previous year actual.
- (iv) Hon'ble Commission had allowed Special Appropriation amount of Rs.7.91 Crores under other expenses for FY 2021-22 against 3rd control period claim. Out of which Company has made a reversal entry for an amount of Rs.6.09 Crores which is already claimed in 3rd Control Period. The balance amount of Rs.1.82 Crores allowed by Hon'ble Commission is

adjusted in the current financial year. In view of the above, there is an overall decrease in O&M Expenses of Rs.0.76 Crores for FY 2021-22 against approved cost as per the Tariff Order.

- (b) **Capital Cost:** Capital Cost is a recovery towards Interest & Finance Charges and Depreciation is a claim towards replacement cost of fixed assets.

Table 2: Capital Cost: (Rs. in Crores.)

Particulars	FY 2021-22		
	Tariff Order	Actuals	Deviation
Capital Cost	6.17	1.33	-4.84
Total	6.17	1.33	-4.84

As per CERC Notification No.L-1/153/2019/CERC, dated: 26.02.2019, vide Regulation (Fees and Charges for RLDCs), clause 18, the Annual Charges of any Load Despatch Centre consists of following:

- a. Return on Equity
 - b. The Interest on loan Capital
 - c. Depreciation
 - d. Operation & Maintenance cost (excluding HRD expenses)
 - e. Human Resource expense (employee cost)
 - f. Corporate Office Expenses and
 - g. Interest on working capital.
- In view of the above, Hon'ble Commission is requested to allow the depreciation to recover the same from the Generators on monthly basis.
- Further to the above, Hon'ble Commission is requested to consider the following to incur the capital Investments towards Capacity building/ Upgradation of SLDC on regular basis;
- (i) to create a separate fund namely "LDC Development Fund" for administering capital expenditure/ creation of new Assets towards capacity building of SLDC out of depreciation under Annual Charges and registration fee as per Clause 27 of CERC Regulation, 2019 (Fees and Charges for RLDCs) and

- (ii) to deposit other income such as processing Fee, Surcharge etc., into separate account namely "Contingency Reserve" as per Clause 28 of CERC Regulation, 2019 (Fees and Charges for RLDCs) to enable to meet the shortfall amount of annual charges allowed by Hon'ble Commission.

(c) **Revenue:** The following is the position of Revenue during FY 2021-22:

Table 3: Revenue:

(Rs. in Crores.)

Particulars	FY 2021-22		
	Tariff Order	Actuals	Deviation
<u>Revenue from SLDC Charges :</u>			
Operating Charges	45.62	47.79	2.17
Less: Adjustment of special appr. Amount allowed under other expenses (Rs.7.91crs –Rs.1.82crs)	-	-6.09	-6.09
Add: Annual Fees	6.17	6.16	-0.01
Sub-Total	51.79	47.86	-3.93
Other Income	1.00	0.98	-0.02
Total	52.79	48.84	-3.95

- It could be seen from the above, that, the total Revenue of SLDC is showing a decrease of Rs.3.95 Crores is only due to adjustment of Rs.6.09 Crores towards true-up claim pertains to 3rd Control Period allowed by Hon'ble Commission in FY2021-22.

(d) **Aggregate Revenue Requirement (ARR) and Surplus/(Deficit):**

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

(Rs. in Crores.)

Particulars	FY 2021-22		
	Tariff Order	Actuals	Deviation
Total Expenditure	52.78	47.18	-5.60
Revenue from SLDC Charges	52.79	48.84	-3.95
Surplus/(Deficit)	0.01	1.66	1.65

It could be seen from the above, that (i) actual expenditure over the approved was decreased by Rs.5.60 Crores and (ii) actual revenue over the approved was decreased by Rs.3.95 Crores. Thereby, there is a net increase in SLDC ARR for an amount of Rs.1.65 Crores during FY 2021-22 and the same is shown as surplus in SLDC.

In view of the above, **the Hon'ble Commission is requested to admit the above Surplus amount of Rs.1.65 Crores for FY 2021-22.**

3 Status of works during for FY 2021-22

A) Status of capital works at SLDC

Sl. No.	Works	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 2024. BoQ, System Sizing docs etc., are communicated to SRLDC for obtaining the budgetary quote for the unified SCADA Upgradation project. Tendering process will be started by SRLDC & NOA is expected to be issued in January-2023
2	Construction of Backup SLDC	In order to meet the commissioning timelines by 2024, Construction process of Back-up SLDC building at Warangal is initiated.
3	Meeting hall & Video conference rooms	Proposal put on hold
4	AGC	All the functionalities of AGC couldn't be achieved with existing infrastructure. Hence, Detailed Project Report (DPR) is under preparation for obtaining PSDF funding.
5	Projects(SAMAST AMR)	PSDF sanction accorded. Documents for availing first installment (10%) of PSDF grant to be submitted.
6	Telecom Equipments for Back Up SLDC & REMC Project	Telecom equipment procurement for REMC is under progress Required Telecom equipment for Back-up SLDC will be initiated after finalization of Backup SLDC SCADA system

B) Write up for completed works & works under progress :

(a) Procurement of HD-Video Camera and Table top Mic for SLDC VS :

- The SLDC Video-Conference (VC) room located at 5th Floor A-Block of Vidyut Soudha and the VC equipments in it were supplied by M/S GE (Earlier M/s Alstom) and commissioned in the year 2015. The microphones has reached its End of Life and currently not functioning.
- Amidst Corona pandemic most of the meetings are happening on web-based audio visual platforms. So as it was very much essential to upgrade the existing video conference accessories. Procurement of HD-Video Camera and Table top Mic was taken up.

(b) Procurement of furniture for SLDC VS :

Furniture were procured for replacement of obsolete furniture in various wings.


(c) Purchase of 3 Nos / 3.8 TR Tower Air Conditioner

As, there is no alternate Air Conditioner (AC) in Control room and existing AC in server room wasn't sufficient (Since additional 4 Nos REMC panels were accommodated in the server room) 3 No Tower ACs were procured.

(d) Procurement of Fortinet Firewalls

M/s GE(Alstom) vide mail dated 03.03.2021 recommended the areas to be strengthened to reduce the risk of cyber-attacks and to avoid the internal and external threats. One of the area recommended was to use separate set of Firewall for the Internet connection. Hence, 2 Nos Fortinet Firewalls were procured.

(e) Telecom works completed during FY2021-22:

-  Procurement of Voice logger for providing Voice recording facility to the all phone numbers working in SLDC, Vidyut Soudha for monitoring the SLDC Operations is completed.

- ✚ Procurement of SDH&PDH equipment in TSTRANSCO is required for establishment of fiber optic communication system for Central sector project of Southern Region is completed.
- ✚ The Communication room housing sophisticated communication equipment such as OLTEs, Multiplexers, Networking equipment and exchanges for transmitting data and voice channels from all sub-stations and generating stations of Telangana state to SLDC. These equipment require continuous air conditioning. Any problems in the communication equipment results in data loss to SLDC which hampers the SLDC operations. Hence, 2 Nos. Tower A/Cs are procured.

4 Summary

Table : 5 Summary – Annual Performance of SLDC for FY 2021-22

Sl. No.	Description	Amount (Rs. in Crores)
i	Employees Cost	42.46
ii	Administration and General Exp.	0.43
iii	Repairs & Maintenance Exp.	1.13
iv	Other Expenses (Spl. Appr. Allowed)	1.82
A	Total O&M Expenses (i+ii+iii+iv)	45.85
B	Capital Cost	1.33
(I)	Total Expenditure (A+B)	47.18
a	Revenue from Operating Charges	47.79
b	Less: Special Appropriation of Amount Allowed under Other Expenses	-6.09
c	Revenue from Annual Fees	6.16
d	Other Income	0.98
(II)	Total Revenue (a+b+c+d)	48.84
	Surplus/(deficit) (II) - (I)	1.66

Contracted Capacity for FY2021-22 (in MW)	16521.72
--	-----------------

ANNEXURE – A: COMPLIANCE OF DIRECTIVES

Sl. No.	Directive	Subject of Directive	Status/ Action Taken Report
1	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.
2	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.
3	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.
4	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.
5	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.

ANNEXURE - B : TSSLDC Actual Contracts (in MW) for FY 2021-22

As on 31-03-2022

Sl. No.	Generating Station / Source	Installed Capacity (MW)	Net Capacity of TSDiscoms (MW)	TSSLDC Actual Contracted Capacity (MW)	
				TSSPDCL	TSNPDCL
I	TSGENCO THERMAL				
1	KTPS-D(V)(2x250)	500	455	321	134
2	KTPS-VI(1x500)	500	462.5	326.29	136.21
3	RTS-B (1x62.5)	62.5	56.25	39.68	16.57
4	KTPP St.I(1x500)	500	462.5	326.29	136.21
5	KTPP St.II (1x600)	600	558	393.67	164.33
6	KTPS VII	800	758	534.77	223.23
7	BTPS	1080	988.2	697.18	291.02
	Total TSGENCO Thermal	4042.5	3740.45	2638.89	1101.56
II	TSGENCO HYDEL				
1	N.SAGAR (ph) (NSPH)(7x100.8+1x110)	815.6	807.44	569.65	237.79
2	NSLCPH(2*30)	60	59.4	41.91	17.49
3	Pochampadu	36	35.64	25.14	10.5
4	Srisaillam LBPH(SLBHES)(6x150)	900	889.2	627.33	261.87
5	Jurala HES (6)(Priyadarshini) (50% share to Karnataka)	234	115.83	81.72	34.11
6	Singur(2x7.5)	15	14.85	10.48	4.37
7	Nizam Sagar(2*5)	10	9.9	6.98	2.92
8	Mini Hydel (Peddapalli,)	9.16	9.07	6.4	2.67
9	Mini Hydel (Palair)	2	1.98	1.4	0.58
10	Lower Jurala Hydro Electric Project(6x40)	240	237.6	167.63	69.97
11	Pulichintala(4x30)	120	118.8	83.81	34.99
	Total TSGENCO Hydel	2441.76	2299.71	1622.45	677.27
III	INTER STATE HYDEL				
	Machkund PH	120	0	0	0
	Tungabhadra PH & Hampi	72	0	0	0
	TOTAL IS Hydel	192	0	0	0
IV	CENTRAL GENERATING STATIONS				
1	NTPC (SR)-I&II	2100	333.36	235.19	98.18
2	NTPC (SR) Stage-III	500	84.25	59.44	24.81
3	NTPC (Simhadri) I	1000	507.91	358.33	149.58
4	NTPC (Simhadri) II	1000	233.27	164.57	68.7
5	NTPC Talcher-II	2000	205.5	144.98	60.52
6	NLC - Stage-I	630	53.15	37.5	15.65

Filing of Annual Performance Review for FY2021-22 of SLDC Activity of TSTRANSCO

Sl. No.	Generating Station / Source	Installed Capacity (MW)	Net Capacity of TSDiscoms (MW)	TSSLDC Actual Contracted Capacity (MW)	
				TSSPDCL	TSNPDCL
7	NLC - Stage-II	840	95.36	67.27	28.08
8	NPC (Kaiga) Unit I & II	440	62.13	43.83	18.30
9	NPC (Kaiga) Unit III & IV	440	65.99	46.55	19.43
10	NPC (MAPS)	440	20.14	14.21	5.93
11	NTECL Valluru Thermal Power	1500	102.26	72.14	30.11
12	NLC tamil(Tuticorin) Unit I & II	1000	141.91	100.12	41.79
13	New Nyvelly Thermal Power Station	500	58.22	41.07	17.15
14	Kuddankulam Nuclear Power Plant (KKNP)	1000	46.10	32.52	13.58
15	Kudigi Unit-I&II	2400	271.39	191.46	79.92
16	NVVNL Bundled Power COAL	85	45.81	32.32	13.49
17	NSM II(Coal)(NTPC 200 MW)	200	200.00	141.10	58.90
Total CGS		16075	2526.74	1782.61	744.12
VI	OTHERS				
1	Vemagiri	370	193.03	136.18	56.85
2	GVK Extension	220	115.43	81.44	33.99
3	Gautami	464	242.50	171.08	71.42
4	Konaseema	444	231.83	163.56	68.27
5	Thermal Powertech (Unit-I)	660	269.45	190.10	79.35
6	Thermal Powertech (Unit-II)	660	570.00	402.14	167.87
7	Singareni Thermal Power Project	1200	1131.00	797.92	333.08
8	Chattisgarh Power Purchase	1000	948.00	668.81	279.19
Total Others		5018	3701.24	2611.22	1090.02
VII	NCE				
1	Bio-Mass	30.00	30.00	12.00	18.00
2	Bagasse	54.20	54.20	15.00	39.20
3	Mini-Hydel	2.55	2.55	0.55	2.00
4	Industrial-Waste	15.00	15.00	7.50	7.50
5	MSW	19.80	19.80	19.80	0
6	Wind Power	128.10	128.10	128.10	0
7	Solar	3689.23	3689.23	2558.23	1131.00
Total NCE		3938.88	3938.88	2741.18	1197.70
Discom Total		29662.54	16207.02	11396.35	4810.67
Open Access			314.70	314.70	
Grand Total Contractual Capacity			16521.72	16521.72	
Note: APGPCL Contracted Capacity is not included as TSDISCOMs decided not to schedule power from APGPCL from Feb 2020 onwards.					