TELANGANA POWER GENERATION CORPORATION LIMITED

(A Govt. of Telangana Undertaking)

True – up for FY 2023-24

Volume- 2 of 3

June, 2025

TELANGANA POWER GENERATION CORPORATION LIMITED

(A Govt. of Telangana Undertaking)

True-up for the FY: 2023-24

Thermal Stations TGERC Formats and Supporting Documents

INDEX

Sl.No.	Details of Thermal Stations	Page No.
1	KTPS-V Stage- TGERC Formats	1-26
2	KTPS-VI Stage- TGERC Formats	27-48
3	KTPS-VII Stage- TGERC Formats	49-71
4	RTS-B- TGERC Formats	72-94
5	KTPP-I TGERC Formats	95-118
6	KTPP-II TGERC Formats	119-144
7	BTPS TGERC Formats	145-175

<TGGENCO>

<KTPS-V>

Tariff Filing Formats - Generation

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	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
KTPS-V
Form 1: Summary Sheet

Rs. in Cr.

S. No.	Particulars	Units	Reference	FY 2023-24			Remarks
				MYT/Tariff Order	April-March	True-Up requirement	
				Approved	Audited	Claimed	
A	**Annual Fixed Charges**						
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	196.59	272.29	272.29	
2	Depreciation	Rs. Crore	Form 4	19.16	28.14	28.14	
3	Interest and finance charges on loan	Rs. Crore	Form 5	0.00	0.00	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	30.55	46.22	46.22	
5	Return on Equity	Rs. Crore	Form 7	127.49	141.06	141.06	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.00	19.35	19.35	
7	**Annual Fixed Charges**	**Rs. Crore**		[illegible]	477.36	477.36	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	4.16	3.914	3.914	
2	Scheduled Energy (ex-bus)	MU	Form 10	3101.48	3101.48	3101.48	
3	Energy Charges	Rs. Crore		1289.36	1213.83	1213.83	
C	**AFC +Energy Charges**	Rs. Crore		1671.89	1691.18	1691.18	

TGGENCO

KTPS-V

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

Rs. in Cr.

S. No.	Particulars	Reference	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1	148.66	229.23	229.23
2	A&G Expenses	Form 2.2	12.07	14.82	14.82
3	R & M Expenses	Form 2.3	37.80	28.24	28.24
4	Total O&M Expenses		**196.55**	**272.29**	**272.29**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
KTPS-V
Form 2.1: Employee Expenses

Rs. in Cr.

S.No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Basic Salary	121.23
2	Dearness Allowance (DA)	10.29
3	House Rent Allowance	9.13
4	Conveyance Allowance	1.23
5	Leave Travel Allowance	0.00
6	Earned Leave Encashment	19.88
7	Other Allowances	21.13
8	Medical Reimbursement	0.75
9	Overtime Payment	0.00
10	Bonus/Ex-Gratia Payments	0.00
11	Interim Relief / Wage Revision	0.00
12	Staff welfare expenses	2.30
13	VRS Expenses/Retrenchment Compensation	0.00
14	Commission to Directors	0.00
15	Training Expenses	0.00
16	Payment under Workmen's Compensation Act	0.00
17	Net Employee Costs	**185.94**
18	Terminal Benefits	0.00
18.1	Provident Fund Contribution	12.55
18.2	Provision for PF Fund	0.00
18.3	Pension Payments	0.00
18.4	Gratuity Payment	30.73
19	Unfunded past liabilities of pension & gratuity	0.00
20	Others	0.00
21	**Gross Employee Expenses**	**229.23**
22	Less: Expenses Capitalised	0.00
23	**Net Employee Expenses**	**229.23**

TGGENCO

KTPS-V

Form 2.2: Administrative & General Expenses

Rs. in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Rent Rates & Taxes	2.08
2	Insurance	2.65
3	Telephone & Postage, etc.	0.14
4	Legal charges & Audit fee	0.09
5	Professional, Consultancy, Technical fee	0.04
6	Conveyance & Travel	0.07
7	Electricity charges	0.79
8	Water charges	0.00
9	Security arrangements	6.39
10	Fees & subscription	0.02
11	Books & periodicals	0.00
12	Computer Stationery	0.00
13	Printing & Stationery	0.06
14	Advertisements	0.08
15	Purchase Related Advertisement Expenses	0.00
16	Contribution/Donations	0.00
17	License Fee and other related fee	0.00
18	Vehicle Running Expenses Truck / Delivery Van	0.11
19	Vehicle Hiring Expenses Truck / Delivery Van	1.39
20	Cost of services procured	0.00
21	Outsourcing of metering and billing system	0.00
22	Freight On Capital Equipments	0.04
23	V-sat, Internet and related charges	0.00
24	Training	0.05
25	Bank Charges	0.00
26	Miscellaneous Expenses	0.00
27	Office Expenses	0.00
28	Others	0.83
29	**Gross A &G Expenses**	**14.82**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**14.82**

TGGENCO
KTPS-V
Form 2.3: Repair & Maintenance Expenses

Rs. in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Plant & Machinery	23.91
2	Buildings	0.00
3	Civil Works	3.23
4	Hydraulic Works	0.00
5	Lines & Cable Networks	0.83
6	Vehicles	0.02
7	Furniture & Fixtures	0.00
8	Office Equipment	0.25
9	**Gross R&M Expenses**	**28.24**
10	Gross Fixed Assets at beginning of year	**2269.87**
11	R&M Expenses as % of GFA at beginning of year	**1.24%**

TGGENCO

KTPS-V

Form 3: Summary of Capital Expenditure and Capitalisation

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year		0.17	0.17
3	Capitalisation during the year		**0.17**	**0.17**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**

TGGENCO

KTPS-V

Form 3.1: Statement of Additional Capitalisation after COD

Rs. in Cr.

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	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 TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	FY 2023-24									
1			COMPUTERS		0.07	0.07	COMPUTERS			
2			OFFICE EQUIPMENT		0.01	0.01	OFFICE EQUIPMENT			
3					0.09	0.09				
	Total			0.00	0.17	0.17				

* *Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

TELANGANA STATE POWER GENERATION CORPORATION LIMITED
UNIT NAME: KTPS- V STAGE UNIT CODE: 4200

Profit Ctr	Cost Ctr	Class	Asset	Asset description	Cap date	Acquisition	PO Number
4200	42005109	1300	1300002702	Air Pre Heater(APH) Unit-9 R&M Scheme	04.05.2024	2,79,091.77	5300001130
		1300				2,79,091.77	
4200	42009947	1800	1800005955	CHAIR,COMPUTER,MIDBACK,76.10X76.10X90.50 (19Nos)	05.03.2024	2,06,445.16	4500032151
4200	42009947	1800	1800005958	TABLE,STEEL,UNITIZED,T-9,1365X680X735MM (6 Nos)	05.03.2024	1,87,399.28	
4200	42009947	1800	1800005957	TABLE,CIGNUS,1650WX19500,750MM,1200ERU	05.03.2024	88,995.60	
4200	42009947	1800	1800005956	CHAIR,CAIN,W/ARM REST,MODEL:CH7 (14 Nos)	05.03.2024	80,575.64	
		1800				5,63,415.64	
4200	42009959	1900	1900004737	FIREWALL, FORTIGATE,100F	10.06.2023	7,19,800.00	4500030152
		1900				7,19,800.00	
4200	42005928	2100	2100001795	AIR COOLER,3 SPEED,250V/50HZ,W/STAND (9 No)	14.12.2023	1,06,985.88	4500082134
4200	42009856	2100	2100001832	RR20C1823VF/HL Refrigerator	31.03.2024	18,700.00	Temp Actr
		2100				1,25,685.88	
Grand Total						16,87,999.29	

TGGENCO

KTPS-V

Form 3.2: Financing of Additional Capitalisation

Rs. in Cr.

S. No.	Particulars	FY 2023-24
		Actual
1	Additional capitalisation	**0.17**
2	**Financing Details**	
	Loan 1	
	Loan 2	
	...	
	Total Loan	**0.00**
3	Equity	
4	Internal Resources	0.17
5	Others (Please Specify)	
6	**Total (2+3+4+5)**	**0.17**

TGGENCO

KTPS-V

Form 4: Fixed Assets & Depreciation

(Rs. in Cr.)

FY 2023-24													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	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	Land & Land Rights	1000	0	3.52	-	-	3.52	-	-	-	-	3.52	3.52
2	Land Deposits	1010					-				-	-	-
3	Buildings	1100	3.34%	92.48	-	-	92.48	83.21	0.02	-	83.23	9.27	9.25
4	Lines & Cable Network	1200	5.28%	69.16	-	-	69.16	41.12	5.79	-	46.91	28.04	22.25
5	Plant & Machinery	1300	5.28%	1,732.87	0.03	-	1,732.90	1,447.57	3.71		1,451.28	285.30	281.62
6	Capital Spares	1400	5.28%	51.96	-	-	51.96	49.21	2.75	-	51.96	2.75	-
7	Hydraulic Works	1500	5.28%	195.84	-	-	195.84	163.31	5.15	-	168.46	32.53	27.38
8	Other Civil Works	1600	3.34%	117.55	-	-	117.55	85.33	10.46	-	95.79	32.22	21.76
9	Vehicles	1700	9.50%	1.00	-	-	1.00	0.25	0.09	-	0.34	0.75	0.66
10	Furniture& Fixtures	1800	6.33%	1.16	0.06	-	1.22	0.82	0.02	-	0.84	0.34	0.38
11	Computers	1900	15%	3.00	0.07	-	3.07	2.51	0.09	-	2.60	0.49	0.47
12	Office Equipment	2100	6.33%	1.32	0.01	-	1.33	0.77	0.06	-	0.83	0.55	0.50
13	Intangible Assets	2200	15.00%	0.02	-	-	0.02	0.02	-	-	0.02	-	-
	Total		1.24%	2269.87	0.17	0.00	2270.04	1874.12	28.14	0.00	1902.26	395.75	367.78

TGGENCO

KTPS-V

Form 5: Interest and finance charges on loan

A. Normative Loan

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Balance of Gross Normative Loan		1588.91	1588.91
2	Cumulative Repayment till the year		1874.12	1874.12
3	Opening Balance of Net Normative Loan	0.00	0.00	0.00
4	Less: Reduction of Normative Loan due to retirement or replacement of assets			
5	Addition of Normative Loan due to capitalisation during the year1		0.12	0.12
6	Repayment of Normative loan during the year		28.14	28.14
7	Closing Balance of Net Normative Loan		0.00	0.00
8	Closing Balance of Gross Normative Loan		1560.89	1560.89
9	Average Balance of Net Normative Loan		0.00	0.00
10	Weighted average Rate of Interest on actual Loans (%)		9.55%	9.55%
11	Interest	0.00	0.00	0.00
12	Finance charges			
13	Total Interest & Finance charges	8.39	0.00	0.00

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. **Actual loan portfolio**

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	**Loan 1**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	
	Interest	0.00
	Finance charges	
	Total Interest & Finance charges	0.00
2	**Loan 2**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	
	Interest	0.00
	Finance charges	
	Total Interest & Finance charges	0.00
	.....	
	Total	
	Opening Balance of Loan	0.00
	Addition of Loan during the year	0.00
	Loan Repayment during the year	0.00
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	0.00%
	Interest	0.00
	Finance charges	0.00
	Total Interest & Finance charges	0.00

TGGENCO

KTPS-V

Form 6: Interest on working capital

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Cost of coal, towards stock		98.79	98.79
2	Cost of coal for generation		98.79	98.79
3	Cost of secondary fuel oil		1.43	1.43
4	O&M expenses	16.38	22.69	22.69
5	Maintenance spares		54.46	54.46
6	Receivables1	278.65	281.86	281.86
	Less:			
7	Payables for Fuels2	107.45	99.49	99.49
8	Total Working Capital requirement	**187.58**	**458.53**	**458.53**
9	Interest rate		10.08%	10.08%
10	Interest on working capital	**30.55**	**46.22**	**46.22**

Note:

1). In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-V
Form 7: Return on Equity

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		680.961	680.961
2	Capitalisation during the year		0.17	0.17
3	Equity portion of capitalisation during the year	0.00	0.05	0.05
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	**0.00**	**681.01**	**681.01**
	Rate of Return on Equity			
6	Base rate of Return on Equity	15.50%	15.50%	15.50%
7	Effective Income Tax rate	17.78%	25.17%	25.17%
8	**Rate of Return on Equity**	**18.85%**	**20.71%**	**20.71%**
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**141.05**	**141.05**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.01**	**0.01**
11	**Total Return on Equity**	**127.89**	**141.05**	**141.05**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-V
Form 8: Non-Tariff Income

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	CURRENT CONSUMPTION CHARGES		0.16	0.16
2	INCOME FROM SALE OF ASH		8.23	8.23
3	INCOME FROM SALE OF COAL REJECTS		-	-
4	INCOME FROM SALE OF SCRAP		0.56	0.56
5	INTEREST INCOME ON EMPLOYEES - Ind AS		-	-
6	INTEREST INCOME ON SD		-	-
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.09	0.09
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.12	0.12
10	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.03	0.03
12	OTHER INCOME - CONSULTANCY PROJECTS		0.01	0.01
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.19	0.19
14	OTHER RECEIPTS FROM CONTRACTORS		-	-
15	OTHER RECEIPTS FROM STAFF		-	-
16	OTHER RENTAL OR LETTING OUT		0.05	0.05
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.24	0.24
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.02	0.02
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.01	0.01
20	SALE OF TENDER SPECIFICATIONS		0.01	0.01
21	VENDOR REGISTRATION FEE		0.00	0.00
22	WATER CHARGES		0.63	0.63
	Total	**0.00**	**10.35**	**10.35**

Kothagudem Thermal Power Station- V Stage (2 x 250 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2023-24 April-March Actual
1	Unit - 9 (250 MW)/ KTPS-V Stage	
A.	Planned Outages	
	No of days of outage	
	Period of Outage	
	Reasons for Outage	
B.	Forced Outages	8
	No of days of outage	6.34
	Period of Outage	152:07:00
	Reasons for Outage	Enclosed
2	Unit - 10 (250 MW)/ KTPS-V Stage	
A.	Planned Outages	
	No of days of outage	
	Period of Outage	
	Reasons for Outage	
B.	Forced Outages	18
	No of days of outage	17.33
	Period of Outage	415:51:00
	Reasons for Outage	Enclosed

Note:

AOH: Annual Overhuals

COH: Capital Overhauls

TELANGANA POWER GENERATION CORPORATION LTD				
KOTHAGUDEM THERMAL POWER STATION , V STAGE - PALONCHA				
Tripping details of Unit#09 for the year 2023-24				
Sl. No	Date / time of tripping	Date/time of Synch.	Duration in hrs:min	First cause of Boiler/TurbineTrip
1	08.04.2023/ 09:11 hrs.	10.04.2023/ 04:53 hrs.	43:42:00	Boiler tripped on "Unit Flame Failure Protection". [EPT-9B Incomer tripped on over current protection causing unit disturbance]
2	27.04.2023/ 16:40 hrs.	28.04.2023/ 10:39 hrs.	17:59:00	Boiler Emergency hand-tripped by operating "Emergency Trip Push button". [Forced shutdown due to Boiler tube failure at Water walls Zone]
3	18.05.2023/ 07:53 hrs.	18.05.2023/ 21:42 hrs.	13:49:00	Boiler tripped on "Loss of all Fuel". [Forced shutdown due to Boiler tube failure at Water walls Zone]
4	20.05.2023/ 20:52 hrs.	21.05.2023/ 23:33 hrs.	26:41:00	Boiler tripped on "Loss of all Fuel". [Forced shutdown due to Boiler tube failure at Reheater Zone]
5	15.07.2023/ 11:58 hrs.	15.07.2023/ 14:35 hrs.	2:37:00	Boiler tripped on "Loss of all Fuel". [Generator Class-A Protection operated - "Generator Rotor Earth Fault"] due to misplaced reflector assembly of stroboscope on Rotor shaft]]
6	01.12.2023/ 22:45 hrs.	02.12.2023/ 10:28 hrs.	11:43:00	Boiler tripped on "Loss of all Fuel". [Forced shutdown due to APH- 9A Rotor seizure owing to over-running clutch problem]
7	19.12.2023/ 17:12 hrs.	20.12.2023/ 10:44 hrs.	17:32:00	Boiler tripped on "Loss of all Fuel". [Forced shutdown due to Boiler tube failure at Steam cooled wall Zone]
8	17.03.2024 16:04 hrs.	18.03.2024 10:08 hrs.	18:04:00	Boiler tripped on "Loss of all Fuel". [Forced shutdown due to Boiler tube failure at Steam cooled wall Zone]
			152:07:00	

TELANGANA POWER GENERATION CORPORATION LTD				
KOTHAGUDEM THERMAL POWER STATION , V STAGE - PALONCHA				
Tripping details of Unit#10 for the year 2023-24				
Sl. No	Date / time of tripping	Date/time of Synch.	Duration in hrs:min	First cause of Boiler/Turbine Trip
1	01.05.2023/ 12:15 hrs.	05.05.2023/ 06:25 hrs.	90:10:00	Reserve shutdown as per the instructions of SLDC, Telangana
2	09.05.2023/ 14:42 hrs.	10.05.2023/ 13:18 hrs.	22:36:00	Boiler tube Failure at LTSH Zone
3	27.05.2023/ 17:03 hrs.	27.05.2023/ 20:30 hrs.	3:27:00	Boiler tripped on "Loss of all Fuel" [PA Fan 10B link decoupled causing PA Header Very Low]
4	24.07.2023/ 20:42 hrs.	25.07.2023/ 12:24 hrs.	15:42:00	Unit tripped on "Generator Protection - [Class A Trip]"
5	28.07.2023/ 19:09 hrs.	29.07.2023/ 05:25 hrs.	10:16:00	Boiler tripped on "Furnace Pressure Very low" [Both running Mills 10AB & 10CD tripped on "PA Header Pressure Very low" due to sudden tripping of PA fan 10B on "Lube oil system trouble"]
6	30.07.2023/ 21:34 hrs.	01.08.2023/ 17:29 hrs.	43:55:00	Boiler hand tripped on "Loss of all Fuel" (Forced shutdown due to ID Fan 10B NDE Side Fan bearing temperature is high)
7	02.08.2023/ 23:48 hrs.	04.08.2023/10 :03 hrs.	34:15:00	Boiler tube Failure at Platen SH Zone
8	21.08.2023/ 07:45 hrs.	21.08.2023/ 10:42 hrs.	2:57:00	Boiler tripped on "Unit Flame Failure"
9	06.10.2023/ 16:22 hrs.	06.10.2023/ 19:23 hrs.	3:01:00	Boiler tripped on "Loss of all Fuel" [6.6 KV HT supply interruption to US-10A(B) Bus envisasing to trip all HT drives on US-10A(B) Bus]
10	16.10.2023/ 23:44 hrs.	18.10.2023/ 06:05 hrs.	30:22:00	Boiler hand tripped by operating "Emergency Push button" (Forced shutdown due to seizure of APH-10A Rotor)
11	19.10.2023/ 03:40 hrs.	19.10.2023/ 20:39 hrs.	16:59:00	Boiler hand tripped on "Loss of all Fuel" [Forced shutdown due to Boiler tube failure at Economizer Zone]
12	13.11.2023/ 11:24 hrs.	13.11.2023/ 19:33 hrs.	8:09:00	Boiler hand tripped on "Loss of all Fuel" [Forced shutdown due to heavy abnormal rubbing sound from ID Fan 10A]

13	21.12.2023/ 09:44 hrs.	22.12.2023/ 06:58 hrs.	21:14:00	Boiler hand tripped by operating "Emergency Push button" [Forced shutdown due to Boiler tube failure at Economizer Zone]
14	09.01.2024/ 09:51 hrs.	09.01.2024/ 20:54 hrs.	11:03:00	Boiler hand tripped by operating "Emergency Push button" (Forced shutdown due to seizure of APH-10A Rotor)
15	14.01.2024/ 16:30 hrs.	15.01.2024/ 10:49 hrs.	16:19:00	Boiler hand tripped by operating "Emergency Push button" (Forced shutdown due to seizure of APH-10A Rotor)
16	24.01.2024/ 14:01 hrs.	25.01.2024/ 06:16 hrs.	16:15:00	Forced shutdown due to Sudden puncture of BCW line
17	04.02.2024/ 12:22 hrs.	06.02.2024/ 07:24 hrs.	43:02:00	Boiler tube Failure at SCW Zone
18	12.03.2024/ 09:53 hrs.	13.03.2024/ 12:02 hrs.	26:09:00	Boiler tube Failure at SCW Zone
			415:51:00	

TGGENCO
KTPS-V
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2023-24			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Audited	Claimed	
1	Installed Capacity	MW	2x250	500		
	COD		28.02.1998			
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pithead			
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	80	80	80	
2.2	Actual/Projected Availability	%		83.69	83.69	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	80	80	80	
3.2	Actual/Projected PLF	%		79.42	79.42	
4	**Gross Generation**					
4.1	Scheduled Generation	MU		3101.4796	3101.48	
4.2	Actual/Projected Gross Generation	MU		3488.05	3488.05	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	9	9	9	
5.2	Actual/Projected Auxiliary Energy Consumption	%		11.083	11.083	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		386.57	386.57	
5.4	Net Generation	MU		3101.48	3101.48	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	2500	2500	2500	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2346.13	2346.13	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	2	2	2	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.394	0.394	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%		0.8	0.8	

TGGENCO

KTPS-V

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	2023-24												2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	160648	92053	35737	66000	188873	235548	137601	69639	36954	81072	108192	104139	126748	103464	122175	263943	177872	139004
2	Value of stock	Rs.	69.24	35.85	14.50	28.82	70.34	95.84	54.91	29.83	16.39	36.22	49.29	47.29	57.98	49.47	57.30	118.93	79.61	61.19
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	154640	158675	273611	363052	299842	146729	163453	191302	282674	262709	216629	248789	184755	240582	306162	42087	103968	219799
4	Adjustment in coal quantity supplied by the coal company (+/-)	MT																		
5	Coal supplied by coal company (3+4)	MT	154639.88	158675.1	273811.22	363051.73	299842.18	146729.4	163453	191302.4	282674.34	262709.16	216629	248789.5	184755.4	240582.9	306162.43	42087.98	103968.4	219799.1
6	Normative transit and handling loss	MT	1237	1269	2189	2904	2399	1174	1308	1530	2260	2102	1733	1990	1478	1925	2449	337	832	1758
7	Net coal supplied	MT	153402.741	157406.7	271422.33	360147.32	297443.84	145555.6	162145.4	189771.9	280411.35	260607.49	214895.9	246799.18	183277.3	238658.24	303713.13	41751.28	103133.7	218040.7
C	**Price**																			
8	Amount charged by coal company	Rs.	57.04	60.22	110.09	140.09	115.40	56.42	71.33	85.37	110.55	109.70	87.07	107.66	60.07	99.06	122.66	17.01	43.27	93.74
9	Adjustment in amount charged by the coal company	Rs.	0.17	1.42	2.45	-0.44	-4.32	-3.74	-2.50	-4.85	1.92	2.06	5.09	-0.85	5.11	5.88	4.91	-0.08	-1.88	-8.34
10	Handling, sampling and such other similar charges	Rs.	0.14	0.15	0.15	0.24	0.42	0.35	0.30	0.17	0.14	0.39	0.15	0.53	0.14	0.17	3.15	0.17	0.26	0.98
11	Total amount charged (8+9+10)	Rs.	57.35	61.79	112.68	139.89	111.50	53.03	69.13	80.61	118.61	112.14	92.31	107.34	65.31	105.11	127.65	17.10	41.65	87.38
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.																		
	By road	Rs.																		
	By ship	Rs.																		
		Rs.																		
13	Adjustment in amount charged by the coal transporter	Rs.																		
14	Demurrage charges, if any	Rs.																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.	3.51	3.60	6.92	8.23	7.96	3.33	6.19	7.32	6.42	5.96	4.92	5.95	4.19	5.94	8.94	0.05	2.30	5.22
16	Total Transportation charges (12+13+14+15)	Rs.	3.51	3.60	6.92	8.23	7.96	3.33	6.19	7.32	6.42	5.96	4.92	5.95	4.19	5.94	8.94	0.05	2.30	5.22
17	Total amount charged for coal supplied including transportation (11+16)	Rs.	60.88	65.39	119.61	148.12	119.45	56.36	75.32	87.93	125.03	118.10	97.83	113.24	90.10	111.05	134.59	18.05	44.01	92.78
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	3894.37	4058.41	4366.10	4152.08	4068.78	3983.65	4348.24	4557.35	4467.17	4516.32	4540.88	4574.29	4776.24	4690.34	4505.85	4480.90	4402.36	4312.54
19	Blending Ratio (Domestic/Imported)	%																		
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	3120	3217	3178	2993.00	3064.00	3099.00	3198	3080	3338	3282	3490	3441	3551	3333	3078	2530	2989	2924
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg																		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg																		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	2799.00	3014.00	2916.00	2798.00	2894.00	2920.00	3000.00	3074.00	2942.00	2957.00	3030.00	3030.00	3209.00	2978.00	2803.00	2577.00	2642.00	2561.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited
Kothagudem Thermal Power Station-V & VI Stage
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	Opening Quantity																			
1	Opening quantity of oil	KL	2530	2434	2214	2152	1939	1977	2215	1903	1883	1795	1834	2081	1877	2080	1909	1541	1519	1731
2	Value of stock	Rs in Crs	15.58	14.96	13.57	13.20	11.89	12.19	13.68	11.92	11.99	11.18	11.43	12.54	11.66	13.08	12.10	9.64	9.50	11.09
B	Procurement																			
3	Quantity of oil supplied by the oil company	KL	0	0	99	0	504	372	0	80	310	354	300	04	292	0	0	0	727	405
4	Adjustment in oil quantity supplied by the oil company	KL																		
5	oil supplied by oil company (3+4)	KL																		
6	Normative transit and handing loss	KL																		
7	Net oil supplied	KL																		
C	Price																			
8	Amount charged by oil company	Rs in Crs	0.00	0.00	0.63	0.00	3.18	2.51	0.00	0.42	1.84	2.21	1.74	0.44	1.87	0.00	0.00	0.00	4.88	2.43
9	Adjustment in amount charged by the oil company	Rs in Crs																		
10	Handing, sampling and such other similar charges	Rs in Crs																		
11	Total amount charged (8+9+10)	Rs in Crs	0.00	0.00	0.63	0.00	3.18	2.51	0.00	0.42	1.84	2.21	1.74	0.44	1.87	0.00	0.00	0.00	4.88	2.43
D	Transportation																			
12	Transportation charges																			
	By rail	Rs in Crs																		
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
		Rs in Crs																		
13	Adjustment in amount charged by the oil transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting oil through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs in Crs	0.00	0.00	0.63	0.00	3.18	2.51	0.00	0.42	1.84	2.21	1.74	0.44	1.87	0.00	0.00	0.00	4.88	2.43
E	Total Cost																			
18	Landed cost of oil (2+17)/(1+7)	Rs/KL	61517	61470	61359	61326	61566	62602	62661	63154	62903	62300	61713	62196	62062	62399	62421	62545	64066	63309
19	Blending Ratio (Domestic/imported)																			
20	Weighted average cost of oil for preceding three months	Rs/KL																		
F	Quality																			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre																		
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre																		
23	GCV of imported Oil of the opening stock as per bill Oil Company	kcal/litre																		
24	GCV of imported Oil supplied as per bill Oil Company	kcal/litre																		
25	Weighted average GCV of Oil as Billed	kcal/litre																		
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre																		
27	GCV of Domestic Oil supplied as received at Station	kcal/litre																		
28	GCV of imported Oil of opening stock as received at Station	kcal/litre																		
29	GCV of imported Oil of opening stock as received at Station	kcal/litre																		
30	Weighted average GCV of Oil as Received	kcal/litre																		

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

TGGENCO
KTPS-V
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	9	11.08	11.08
Gross Station Heat Rate	GSHR	kcal/kWh	2500	2346	2346
Secondary Fuel oil consumption	SFC	ml/kWh	2	0.39	0.39
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.06	0.06	0.06
Gross Calorific Value of Coal	CVPF	kcal/kg	2907.37	2907.37	2907.37
Landed Price of Coal	LPPF	Rs./kg	4.29	4.29	4.29
Specific Coal Consumption		kg/kWh	0.85	0.81	0.81
Coal Rate		**Rs./kWh**	4.021	3.886	3.886
Oil Rate		**Rs./kWh**	0.137	0.028	0.028
ECR		**Rs./kWh**	**4.157**	**3.914**	**3.914**

TGGENCO

KTPS-V

Form 13: Sales

FY 2023-24

Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	181.70	174.76	190.08	183.35	178.03	186.45	189.37	184.75	183.39	185.73	169.85	180.63	2188.09
TGNPDCL (29.45%)	75.85	72.95	79.34	76.54	74.32	77.83	79.05	77.12	76.55	77.53	70.90	75.40	913.38
Total	257.55	247.71	269.42	259.89	252.35	264.28	268.42	261.87	259.94	263.26	240.75	256.03	3101.47

TGGENCO

KTPS-V

Form 15: Revenue Reconciliation

FY 2023-24

Audited

Rs. in Cr.

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
2	Availability during the month (%)	%	83.65	86.67	89.05	79.98	76.29	82.67	82.31	86.95	83.83	84.03	85.78	84.11	83.69
3	Cumulative Availability (%)	%	83.65	85.18	86.46	84.81	83.09	83.02	82.92	83.41	83.46	83.52	83.71	83.75	
4	Target PLF for Incentive	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
5	Actual PLF during the month (%)	%	80.34	74.95	84.06	78.79	76.54	82.43	81.03	81.70	78.55	79.52	77.82	77.53	
6	Cumulative PLF (%)	%	80.34	77.60	79.73	79.49	78.89	79.47	79.70	79.94	79.79	79.76	79.59	79.42	
7	Gross Generation (MU)	MU	289.22	278.80	302.63	293.09	284.74	296.74	301.45	294.12	292.22	295.81	270.80	288.42	3488.04
8	Auxiliary Consumption (MU)	MU	31.66	31.10	33.21	33.20	32.38	32.47	33.03	32.24	32.28	32.56	30.04	32.39	386.56
9	Net Generation (MU)	MU	**257.56**	**247.70**	**269.42**	**259.89**	**252.36**	**264.27**	**268.42**	**261.88**	**259.94**	**263.25**	**240.76**	**256.03**	**3101.48**
10	Generation above target PLF (MU)	MU	-30.44	-49.90	-18.58	-37.71	-45.24	-23.73	-29.18	-26.12	-37.68	-34.35	-37.64	-41.57	-412.12
11	Variable Charges Per Unit	Rs./kWh	2.760	2.760	2.760	2.760	2.760	2.760	2.760	2.760	2.760	2.760	2.760	2.760	
12	Approved Fixed Charges	Rs. Crore	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	382.54
13	Fuel Surcharge	Rs./kWh	3.971	3.810	4.217	4.180	4.394	3.996	4.087	4.179	4.279	4.300	4.217	4.253	
14	Fixed Charges During Month	Rs. Crore	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	382.53
15	Energy Charges Amount	Rs. Crore	71.08	68.37	74.36	71.73	69.65	72.94	74.08	72.28	71.74	72.66	66.45	70.67	858.01
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	31.20	26.00	39.25	36.91	41.24	32.65	35.62	37.16	39.50	40.54	35.07	38.22	433.35
17	Incentive Amount	Rs. Crore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	**Revenue from sale of electricity**	Rs. Crore	134.16	126.25	145.49	140.52	142.77	137.47	141.58	141.32	143.12	145.07	133.40	140.76	1671.89
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**-52.96**
-	Fixed charges disallowed as per TGSLDC Availability	Rs. Crore													**0.00**
-	Water charges	Rs. Crore													**1.74**
-	Fixed charges reduced prorata to actual capitalisation	Rs. Crore													**0.00**
20	**Total Revenue**	Rs. Crore	**134.16**	**126.25**	**145.49**	**140.52**	**142.77**	**137.47**	**141.58**	**141.32**	**143.12**	**145.07**	**133.40**	**140.76**	**1620.67**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<KTPS-VI>
Tariff Filing Formats - Generation
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	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	
19	Form 14	Revenue from Sale of Electricity	✓
20	Form 15	Revenue Reconciliation	
21	Form 16	Summary of true-up	

TGGENCO
KTPS-VI
Form 1: Summary Sheet

Rs. in Cr.

S. No.	Particulars	Units	Reference	FY 2023-24			Remarks
				MYT/Tariff Order	April-March	True-Up requirement	
				Approved	Audited	Claimed	
A	**Annual Fixed Charges**						
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	194.85	272.29	272.29	
2	Depreciation	Rs. Crore	Form 4	130.58	124.92	124.92	
3	Interest and finance charges on loan	Rs. Crore	Form 5	0.00	0.00	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	33.09	45.65	45.65	
5	Return on Equity	Rs. Crore	Form 7	139.36	153.68	153.68	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.00	10.35	10.35	
7	**Annual Fixed Charges**	**Rs. Crore**		497.88	586.19	586.19	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	3.969	3.523	3.523	
2	Scheduled Energy (ex-bus)	MU	Form 10	3174.03	3174.03	3174.03	
3	Energy Charges	Rs. Crore		1259.70	1118.08	1118.08	
C	**AFC +Energy Charges**	Rs. Crore		1757.58	1704.27	1704.27	

TGGENCO

KTPS-VI

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

Rs. in Cr.

S. No.	Particulars	Reference	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1	148.66	229.23	229.23
2	A&G Expenses	Form 2.2	12.07	14.82	14.82
3	R & M Expenses	Form 2.3	36.08	28.24	28.24
4	Total O&M Expenses		**194.85**	**272.29**	**272.29**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
KTPS-VI
Form 2.1: Employee Expenses

Rs. in Cr.

S.No.	Particulars	FY 2023- Apr-Mar Audited
1	Basic Salary	121.23
2	Dearness Allowance (DA)	10.29
3	House Rent Allowance	9.13
4	Conveyance Allowance	1.23
5	Leave Travel Allowance	0.00
6	Earned Leave Encashment	19.88
7	Other Allowances	21.13
8	Medical Reimbursement	0.75
9	Overtime Payment	0.00
10	Bonus/Ex-Gratia Payments	0.00
11	Interim Relief / Wage Revision	0.00
12	Staff welfare expenses	2.30
13	VRS Expenses/Retrenchment Compensation	0.00
14	Commission to Directors	0.00
15	Training Expenses	0.00
16	Payment under Workmen's Compensation Act	0.00
17	Net Employee Costs	**185.94**
18	Terminal Benefits	0.00
18.1	Provident Fund Contribution	12.55
18.2	Provision for PF Fund	0.00
18.3	Pension Payments	0.00
18.4	Gratuity Payment	30.73
19	Unfunded past liabilities of pension & gratuity	0.00
20	Others	0.00
21	**Gross Employee Expenses**	**229.23**
22	Less: Expenses Capitalised	0.00
23	**Net Employee Expenses**	**229.23**

TGGENCO
KTPS-VI
Form 2.2: Administrative & General Expenses

Rs.in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Rent Rates & Taxes	2.08
2	Insurance	2.65
3	Telephone & Postage, etc.	0.14
4	Legal charges & Audit fee	0.09
5	Professional, Consultancy, Technical fee	0.04
6	Conveyance & Travel	0.07
7	Electricity charges	0.79
8	Water charges	0.00
9	Security arrangements	6.39
10	Fees & subscription	0.02
11	Books & periodicals	0.00
12	Computer Stationery	0.00
13	Printing & Stationery	0.06
14	Advertisements	0.08
15	Purchase Related Advertisement Expenses	0.00
16	Contribution/Donations	0.00
17	License Fee and other related fee	0.00
18	Vehicle Running Expenses Truck / Delivery Van	0.11
19	Vehicle Hiring Expenses Truck / Delivery Van	1.39
20	Cost of services procured	0.00
21	Outsourcing of metering and billing system	0.00
22	Freight On Capital Equipments	0.04
23	V-sat, Internet and related charges	0.00
24	Training	0.05
25	Bank Charges	0.00
26	Miscellaneous Expenses	0.00
27	Office Expenses	0.00
28	Others	0.83
29	**Gross A &G Expenses**	**14.82**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**14.82**

TGGENCO
KTPS-VI
Form 2.3: Repair & Maintenance Expenses

Rs. in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Plant & Machinery	23.91
2	Buildings	0.00
3	Civil Works	3.23
4	Hydraulic Works	0.00
5	Lines & Cable Networks	0.83
6	Vehicles	0.02
7	Furniture & Fixtures	0.00
8	Office Equipment	0.25
9	**Gross R&M Expenses**	**28.24**
10	Gross Fixed Assets at beginning of year	**2473.23**
11	R&M Expenses as % of GFA at beginning of year	**1.14%**

TGGENCO

KTPS-VI

Form 3: Summary of Capital Expenditure and Capitalisation

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year		0.00	0.00
3	Capitalisation during the year		0.00	0.00
4	Closing Capital Works in Progress	0.00	0.00	0.00

TGGENCO

KTPS-VI

Form 3.1: Statement of Additional Capitalisation after COD

Rs. in Cr.

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	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 TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	FY 2023-24									
1										
2										
3										
				0.00	0.00	0.00				
	Total									

* *Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc*

TGGENCO
KTPS-VI
Form 3.2: Financing of Additional Capitalisation

Rs. in Cr.

S. No.	Particulars	FY 2023-24
		Actual
1	Additional capitalisation	0.00
2	**Financing Details**	
	Loan 1	
	Loan 2	
	...	
	Total Loan	0.00
3	Equity	
4	Internal Resources	0.00
5	Others (Please Specify)	
6	**Total (2+3+4+5)**	

TGGENCO
KTPS-VI
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2023-24													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	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	Land & Land Rights	1000	0	-	-	-	-			-	-	-	-
2	Land Deposits	1010					-				-	-	-
3	Buildings	1100	3.34%	190.55	-	-	190.55	122.94	6.36	-	129.30	67.61	61.25
4	Lines & Cable Network	1200	5.28%	-	-	-	-			-	-	-	-
5	Plant & Machinery	1300	5.28%	2,043.10	-	-	2,043.10	1,595.04	106.67		1,701.71	448.06	341.39
6	Capital Spares	1400	5.28%	15.86	-	-	15.86	3.28	0.84	-	4.12	12.58	11.74
7	Hydraulic Works	1500	5.28%	178.79	-	-	178.79	139.32	9.44	-	148.76	39.47	30.03
8	Other Civil Works	1600	3.34%	43.50	-	-	43.50	12.39	1.57	-	13.96	31.11	29.54
9	Vehicles	1700	9.50%	-	-	-	-			-	-	-	-
10	Furniture& Fixtures	1800	6.33%	0.62	-	-	0.62	0.54		-	0.54	0.08	0.08
11	Computers	1900	15%	0.70	-	-	0.70	0.52	0.04	-	0.56	0.18	0.14
12	Office Equipment	2100	6.33%	0.11	-	-	0.11	0.09		-	0.09	0.02	0.02
13	Intangible Assets	2200	15.00%				-				-	-	-
	Total		**5.05%**	**2473.23**	**0.00**	**0.00**	**2473.23**	**1874.12**	**124.92**	**0.00**	**1999.04**	**599.11**	**474.19**

TGGENCO

KTPS-VI

Form 5: Interest and finance charges on loan

A. Normative Loan

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Balance of Gross Normative Loan		1731.26	1731.26
2	Cumulative Repayment till the year		1874.12	1874.12
3	Opening Balance of Net Normative Loan		**0.00**	**0.00**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets			
5	Addition of Normative Loan due to capitalisation during the year1		0.00	0.00
6	Repayment of Normative loan during the year		46.22	46.22
7	Closing Balance of Net Normative Loan		**0.00**	**0.00**
8	Closing Balance of Gross Normative Loan		**1685.04**	**1685.04**
9	Average Balance of Net Normative Loan		**0.00**	**0.00**
10	Weighted average Rate of Interest on actual Loans (%)		9.55%	9.55%
11	Interest	**0.00**	**0.00**	**0.00**
12	Finance charges			
13	Total Interest & Finance charges	**0.00**	**0.00**	**0.00**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	**Loan 1**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	
	Interest	0.00
	Finance charges	
	Total Interest & Finance charges	0.00
2	**Loan 2**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	
	Interest	0.00
	Finance charges	
	Total Interest & Finance charges	0.00
	.....	
	Total	
	Opening Balance of Loan	0.00
	Addition of Loan during the year	0.00
	Loan Repayment during the year	0.00
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	0.00%
	Interest	0.00
	Finance charges	0.00
	Total Interest & Finance charges	0.00

TGGENCO

KTPS-VI

Form 6: Interest on working capital

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Cost of coal, towards stock		90.97	90.97
2	Cost of coal for generation		90.97	90.97
3	Cost of secondary fuel oil		1.38	1.38
4	O&M expenses		22.69	22.69
5	Maintenance spares		54.46	54.46
6	Receivables1		284.05	284.05
	Less:			
7	Payables for Fuels2		91.65	91.65
8	Total Working Capital requirement		**452.86**	**452.86**
9	Interest rate		10.08%	10.08%
10	Interest on working capital	**33.09**	**45.65**	**45.65**

Note:

1). In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VI
Form 7: Return on Equity

Rs. In Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		741.969	741.969
2	Capitalisation during the year		0.00	0.00
3	Equity portion of capitalisation during the year	0.00	0.00	0.00
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	[illegible]	741.97	741.97
	Rate of Return on Equity			
6	Base rate of Return on Equity	15.50%	15.50%	15.50%
7	Effective Income Tax rate	17.78%	25.17%	25.17%
8	**Rate of Return on Equity**	[illegible]	[illegible]	[illegible]
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	[illegible]	[illegible]	[illegible]
10	Return on Regulatory Equity addition during the year	[illegible]	[illegible]	[illegible]
11	**Total Return on Equity**	[illegible]	[illegible]	[illegible]

Note:

1). In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VI
Form 8: Non-Tariff Income

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	CURRENT CONSUMPTION CHARGES		0.16	0.16
2	INCOME FROM SALE OF ASH		8.23	8.23
3	INCOME FROM SALE OF COAL REJECTS		-	-
4	INCOME FROM SALE OF SCRAP		0.56	0.56
5	INTEREST INCOME ON EMPLOYEES - Ind AS		-	-
6	INTEREST INCOME ON SD		-	-
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.09	0.09
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.12	0.12
10	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.03	0.03
12	OTHER INCOME - CONSULTANCY PROJECTS		0.01	0.01
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.19	0.19
14	OTHER RECEIPTS FROM CONTRACTORS		-	-
15	OTHER RECEIPTS FROM STAFF		-	-
16	OTHER RENTAL OR LETTING OUT		0.05	0.05
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.24	0.24
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.02	0.02
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.01	0.01
20	SALE OF TENDER SPECIFICATIONS		0.01	0.01
21	VENDOR REGISTRATION FEE		0.00	0.00
22	WATER CHARGES		0.63	0.63
	Total	**0.00**	**10.35**	**10.35**

Kothagudem Thermal Power Station- VI Stage (500 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2023-24 April-March Actual
1	Unit-11/ KTPS-VI Stage	
A.	Planned Outages	1
	No of days of outage	23:15:00
	Period of Outage	555:36:00
	Reasons for Outage	AOH
B.	Forced Outages	11
	No of days of outage	10.24
	Period of Outage	245:42:00
	Reasons for Outage	Enclosed

Note:

AOH: Annual Overhuals

COH: Capital Overhauls

TGGENCO
KTPS-VI
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2023-24			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Audited	Claimed	
1	Installed Capacity	500MW				
	COD	23.10.2011				
	Type of Thermal Generating Station (Pithead/Non-Pithead)	Non-Pit Head				
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	80	80	80	
2.2	Actual/Projected Availability	%		85.43	85.43	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	80	80	80	
3.2	Actual/Projected PLF	%		76.05	76.05	
4	**Gross Generation**					
4.1	Scheduled Generation	MU		3174.03	3174.03	
4.2	Actual/Projected Gross Generation	MU		3340.3	3340.3	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	7.5	7.5	7.5	
5.2	Actual/Projected Auxiliary Energy Consumption	%		4.98	4.98	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		166.27	166.27	
5.4	Net Generation	MU		3174.03	3174.03	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	2450	2450	2450	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2281	2281	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	2	2	2	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.396	0.396	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%		0.8	0.8	

TGGENCO

KTPS-VI

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24 Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	FY 2024-25 Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	20412	44179	108140	89990	3366	4116	33919	63011	123044	79358	35017	18950	24303	34998	44322	45097	66735	60401
2	Value of stock	Rs.in Crs	30.98	26.86	61.70	59.31	1.97	2.22	15.95	35.29	76.54	45.88	20.16	9.90	13.10	19.93	26.19	25.39	36.84	32.38
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	183230	206812.2	146239	103665	178714	212993	210972	146230	82361	125925	152396	171770	183880	170971	151064	181442	183922	143811
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	183230.3	206812.04	146239.9	103665.1	178714.4	212993.2	210972.4	146230.2	82361.08	125925.6	152396.4	171770.4	183880.7	170971.8	151064.2	181442	183922.2	143811.2
6	Normative transit and handling loss	MT	1464	1604	1170	829	1430	1704	1688	1170	659	1007	1219	1374	1471	1368	1215	1452	1471	1150
7	Net coal supplied	MT	181764.46	205157.54	145070	102835.7	177284.6	211259.5	209284.6	145060.3	81702.19	124918.2	151179.2	170396.3	182409.7	169604	150649.3	179990.4	182450.9	142660.7
C	**Price**																			
8	Amount charged by coal company	Rs.in Crs	101.01	130.59	103.06	54.29	96.12	103.40	119.50	91.60	46.80	73.87	76.92	96.07	102.56	98.12	87.66	100.66	101.66	99.64
9	Adjustment in amount charged by the coal company	Rs.in Crs	-7.83	-13.60	-3.16	-5.51	-8.55	-9.14	-7.82	-3.21	-3.01	-10.28	-3.19	-9.70	-3.46	-2.37	-3.46	-1.71	-10.19	-5.57
10	Handling, sampling and such other similar charges	Rs.in Crs	0.13	0.15	0.14	0.26	0.43	0.37	0.23	0.18	0.14	0.26	0.15	0.54	0.14	0.16	0.19	0.17	0.25	0.16
11	Total amount charged (8+9+10)	Rs.in Crs	93.31	117.14	100.06	50.74	88.00	94.63	111.91	88.56	45.92	63.87	73.88	86.92	99.25	95.91	84.62	99.12	97.74	94.53
D	**Transportation**																			
12	Transportation charges	Rs.in Crs	7.71	6.31	3.93	2.60	7.47	7.81	7.73	3.51	3.20	4.64	4.01	5.26	5.29	5.06	4.01	5.33	7.73	3.64
	By rail	Rs.in Crs																		
	By road	Rs.in Crs																		
	By ship	Rs.in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs.in Crs																		
14	Demurrage charges, if any	Rs.in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	7.71	6.31	3.93	2.60	7.47	7.81	7.73	3.51	3.20	4.64	4.01	5.26	5.29	5.06	4.01	5.33	7.73	3.64
17	Total amount charged for coal supplied including transportation (11+16)	Rs.in Crs	101.02	123.45	103.99	53.33	95.46	102.44	119.64	92.06	49.12	68.51	77.89	92.12	104.54	100.97	88.63	104.44	105.47	98.17
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(3+7)	Rs./MT	5420.24	5968.48	6622.02	5154.64	5393.43	4859.21	5600.19	6121.28	6078.03	5707.85	5257.22	5391.14	5691.22	5958.40	5888.90	5820.02	5791.10	5171.28
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4311	4626	5106	3733.00	3690.00	3724.00	4244	4450	4295	4462	3863	4034	4147	4191	4214	4043	4210	3435
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg																		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg																		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	3756.00	4365.00	4270.00	3798.00	3577.00	3537.00	3987.00	4154.00	3386.00	3913.00	3609.00	3627.00	3594.00	3752.00	3579.00	3566.00	3342.00	3040.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited
Kothagudem Thermal Power Station- VI Stage
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of oil	KL	2530	2434	2214	2102	1909	1977	2215	1903	1883	1795	1834	2061	1877	2096	1909	1541	1519	1731
2	Value of stock	Rs in Crs	15.56	14.90	13.57	13.20	11.89	12.19	13.88	11.92	11.89	11.18	11.43	12.84	11.68	13.03	12.10	9.64	9.50	11.09
B	**Procurement**																			
3	Quantity of oil supplied by the oil company	KL	0	0	99	0	504	372	0	50	310	354	300	54	290	0	0	0	727	405
4	Adjustment in oil quantity supplied by the oil company	KL																		
5	oil supplied by oil company (3+4)	KL																		
6	Normative transit and handling loss	KL																		
7	Net oil supplied	KL																		
C	**Price**																			
8	Amount charged by oil company	Rs in Crs	0.00	0.00	0.63	0.00	3.18	2.51	0.00	0.42	1.84	2.21	1.74	0.44	1.87	0.00	0.00	0.00	4.88	2.43
9	Adjustment in amount charged by the oil company	Rs in Crs																		
10	Handling, sampling and such other similar charges	Rs in Crs																		
11	Total amount charged (8+9+10)	Rs in Crs	0.00	0.00	0.63	0.00	3.18	2.51	0.00	0.42	1.84	2.21	1.74	0.44	1.87	0.00	0.00	0.00	4.88	2.43
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs in Crs																		
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
	...	Rs in Crs																		
13	Adjustment in amount charged by the oil transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting oil through MGR system, if applicable	Rs in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total Transportation charges (12+13+14+15)	Rs in Crs	0.00	0.00	0.00	0.00	3.18	2.51	0.00	0.42	1.84	2.21	1.74	0.44	1.87	0.00	0.00	0.00	4.88	2.43
17	Total amount charged for oil supplied including transportation (11+16)	Rs in Crs	0.00	0.00	0.63	0.00	3.18	2.51	0.00	0.42	1.84	2.21	1.74	0.44	1.87	0.00	0.00	0.00	4.88	2.43
E	**Total Cost**																			
18	Landed cost of oil (2+17)/(1+7)	Rs /KL	61517	61470	61364	61328	61666	62002	62667	63154	62503	62300	61713	62186	62392	62399	62401	62545	84069	63933
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of oil for preceding three months	Rs /KL																		
F	**Quality**																			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre																		
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre																		
23	GCV of imported Oil of the opening stock as per bill Oil Company	kcal/litre																		
24	GCV of imported Oil supplied as per bill Oil Company	kcal/litre																		
25	Weighted average GCV of Oil as Billed	kcal/litre																		
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre																		
27	GCV of Domestic Oil supplied as received at Station	kcal/litre																		
28	GCV of imported Oil of opening stock as received at Station	kcal/litre																		
29	GCV of imported Oil of opening stock as received at Station	kcal/litre																		
30	Weighted average GCV of Oil as Received	kcal/litre	GCV DETAILS TO BE FURNISHED BY COAL & COMMERCIAL																	

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

TGGENCO
KTPS-VI
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	7.5	4.98	4.98
Gross Station Heat Rate	GSHR	kcal/kWh	2450	2281	2281
Secondary Fuel oil consumption	SFC	ml/kWh	2	0.40	0.40
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.06	0.06	0.06
Gross Calorific Value of Coal	CVPF	kcal/kg	3865.86	3865.86	3865.86
Landed Price of Coal	LPPF	Rs./kg	5.64	5.64	5.64
Specific Coal Consumption		kg/kWh	0.63	0.59	0.59
Coal Rate		**Rs./kWh**	3.834	3.497	3.497
Oil Rate		**Rs./kWh**	0.135	0.026	0.026
ECR		**Rs./kWh**	**3.969**	**3.523**	**3.523**

TGGENCO

KTPS-VI

Form 13: Sales

FY 2023-24

Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	207.37	215.93	200.86	213.70	182.20	179.42	217.30	109.82	149.30	195.30	188.25	179.84	2239.29
TGNPDCL (29.45%)	86.56	90.14	83.85	89.21	76.05	74.89	90.71	45.84	62.32	81.53	78.58	75.07	934.76
Total	293.93	306.07	284.71	302.91	258.25	254.31	308.01	155.66	211.62	276.83	266.83	254.92	3174.05

TGGENCO

KTPS-VI

Form 15: Revenue Reconciliation

FY 2023-24

Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
2	Availability during the month (%)	%	94.93	100.00	95.29	93.37	76.71	78.40	93.45	50.05	70.74	89.48	97.78	84.66	85.43
3	Cumulative Availability (%)	%	94.93	98.10	97.17	96.21	92.26	89.98	90.49	85.51	83.85	84.42	85.58	85.50	
4	Target PLF for Incentive	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
5	Actual PLF during the month (%)	%	85.81	86.40	83.18	85.60	73.39	74.64	87.06	45.77	60.09	78.07	80.33	72.10	
6	Cumulative PLF (%)	%	85.81	86.11	85.14	85.26	82.85	81.51	82.31	77.82	75.82	76.05	76.42	76.05	
7	Gross Generation (MU)	MU	308.91	321.39	299.44	318.44	273.03	268.71	323.88	164.76	223.55	290.42	279.55	268.22	3340.30
8	Auxiliary Consumption (MU)	MU	14.98	15.33	14.74	15.53	14.78	14.40	15.87	9.10	11.93	13.58	12.71	13.30	166.25
9	Net Generation (MU)	MU	**293.93**	**306.06**	**284.70**	**302.91**	**258.25**	**254.31**	**308.01**	**155.66**	**211.62**	**276.84**	**266.84**	**254.92**	**3174.05**
10	Generation above target PLF (MU)	MU	5.93	8.46	-3.30	5.31	-39.35	-33.69	10.41	-132.34	-85.98	-20.76	-11.56	-42.68	-339.55
11	Variable Charges Per Unit	Rs./kWh	2.730	2.730	2.730	2.730	2.730	2.730	2.730	2.730	2.730	2.730	2.730	2.730	
12	Approved Fixed Charges	Rs. Crore	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	597.88
13	Fuel Surcharge	Rs./kWh	3.927	3.670	4.208	4.183	4.095	3.959	3.827	3.917	4.135	3.967	3.741	4.041	
14	Fixed Charges During Month	Rs. Crore	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	49.82	597.88
15	Energy Charges Amount	Rs. Crore	80.24	83.56	77.73	82.69	70.50	69.43	84.09	42.49	57.77	75.57	72.85	69.59	886.51
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	35.19	28.76	42.09	44.02	35.25	31.26	33.78	18.47	29.73	34.25	26.98	33.42	393.19
17	Incentive Amount	Rs. Crore													
18	**Revenue from sale of electricity**	Rs. Crore	165.25	162.14	169.63	176.54	155.57	150.51	167.69	110.79	137.32	159.65	149.65	152.83	1857.58
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**-97.42**
-	Fixed charges disallowed as per TGSLDC Availability	Rs. Crore													**0.00**
-	Water charges	Rs. Crore													**0.96**
-	Fixed charges reduced prorata to actual capitalisation	Rs. Crore													**0.00**
20	**Total Revenue**	Rs. Crore	**165.25**	**162.14**	**169.63**	**176.54**	**155.57**	**150.51**	**167.69**	**110.79**	**137.32**	**159.65**	**149.65**	**152.83**	**1761.12**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<KTPS-VII>
Tariff Filing Formats - Generation
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	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	
19	Form 14	Revenue from Sale of Electricity	✓
20	Form 15	Revenue Reconciliation	
21	Form 16	Summary of true-up	

TGGENCO
KTPS-VII
Form 1: Summary Sheet

Rs.in Cr.

S. No.	Particulars	Units	Reference	FY 2023-24			Remarks
				MYT/Tariff Order	April-March	True-Up requirement	
				Approved	Audited	Claimed	
A	**Annual Fixed Charges**						
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	484.98	548.25	548.25	
2	Depreciation	Rs. Crore	Form 4	232.68	258.69	258.69	
3	Interest and finance charges on loan	Rs. Crore	Form 5	263.85	240.87	240.87	
4	Interest on Working Capital	Rs. Crore	Form 6	64.55	89.10	89.10	
5	Return on Equity	Rs. Crore	Form 7	299.35	317.02	317.02	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.00	13.05	13.05	
7	**Annual Fixed Charges**	**Rs. Crore**		1345.41	1440.88	1440.88	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	3.498	3.412	3.412	
2	Scheduled Energy (ex-bus)	MU	Form 10	5756.61	5756.61	5756.61	
3	Energy Charges	Rs. Crore		2013.86	1964.28	1964.28	
C	**AFC +Energy Charges**	Rs. Crore		3359.27	3405.16	3405.16	

TGGENCO

KTPS-VII

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

Rs.in Cr.

S. No.	Particulars	Reference	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1	396.07	466.54	466.54
2	A&G Expenses	Form 2.2	61.97	56.80	56.80
3	R & M Expenses	Form 2.3	31.84	24.91	24.91
4	Total O&M Expenses		**484.98**	**548.25**	**548.25**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
KTPS-VII
Form 2.1: Employee Expenses

Rs.in Cr.

S.No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Basic Salary	239.00
2	Dearness Allowance (DA)	22.03
3	House Rent Allowance	18.52
4	Conveyance Allowance	2.33
5	Leave Travel Allowance	0.00
6	Earned Leave Encashment	43.25
7	Other Allowances	37.46
8	Medical Reimbursement	1.38
9	Overtime Payment	-
10	Bonus/Ex-Gratia Payments	-
11	Interim Relief / Wage Revision	0.00
12	Staff welfare expenses	5.34
13	VRS Expenses/Retrenchment Compensation	-
14	Commission to Directors	-
15	Training Expenses	-
16	Payment under Workmen's Compensation Act	-
17	Net Employee Costs	**369.31**
18	Terminal Benefits	-
18.1	Provident Fund Contribution	17.22
18.2	Provision for PF Fund	-
18.3	Pension Payments	-
18.4	Gratuity Payment	80.01
19	Unfunded past liabilities of pension & gratuity	-
20	Others	-
21	**Gross Employee Expenses**	**466.54**
22	Less: Expenses Capitalised	0.00
23	**Net Employee Expenses**	**466.54**

24 Net Employee Expenses (excluding PRC-2022 impact)

TGGENCO

KTPS-VII

Form 2.2: Administrative & General Expenses

Rs.in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Rent Rates & Taxes	2.29
2	Insurance	3.73
3	Telephone & Postage, etc.	0.24
4	Legal charges & Audit fee	0.17
5	Professional, Consultancy, Technical fee	5.05
6	Conveyance & Travel	0.11
7	Electricity charges	14.41
8	Water charges	0.00
9	Security arrangements	12.37
10	Fees & subscription	0.03
11	Books & periodicals	0.00
12	Computer Stationery	-
13	Printing & Stationery	0.04
14	Advertisements	0.14
15	Purchase Related Advertisement Expenses	-
16	Contribution/Donations	-
17	License Fee and other related fee	-
18	Vehicle Running Expenses Truck / Delivery Van	0.05
19	Vehicle Hiring Expenses Truck / Delivery Van	2.01
20	Cost of services procured	-
21	Outsourcing of metering and billing system	-
22	Freight On Capital Equipments	0.02
23	V-sat, Internet and related charges	-
24	Training	0.10
25	Bank Charges	-
26	Miscellaneous Expenses	-
27	Office Expenses	-
28	Others	16.03
29	**Gross A &G Expenses**	**56.80**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**56.80**

TGGENCO
KTPS-VII
Form 2.3: Repair & Maintenance Expenses

Rs.in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Plant & Machinery	15.78
2	Buildings	0.24
3	Civil Works	7.48
4	Hydraulic Works	0.07
5	Lines & Cable Networks	0.78
6	Vehicles	0.04
7	Furniture & Fixtures	-
8	Office Equipment	0.51
9	**Gross R&M Expenses**	**24.91**
10	Gross Fixed Assets at beginning of year	**5094.40**
11	R&M Expenses as % of GFA at beginning of year	**0.49%**

TGGENCO
KTPS-VII
Form 3: Summary of Capital Expenditure and Capitalisation

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year		14.73	14.73
3	Capitalisation during the year		**14.73**	**14.73**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**

TELANGANA POWER GENERATION CORPORATION
KOTHAGUDEM THERMAL POWER STATION(O&M - VII STAGE
Form 3.1: Statement of Additional Capitalisation after COD

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	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 TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification	Included in Approved Project Cost or Not
A	FY 2023-24										
1		C-0035.02	Construction of New Architectural Arch a		0.00	0.22	Other Civil Works	Construction of New Architectural Arch a	**7.19 - Additional Capitalisation**	Construction of Entrance Gate to CETD as the earlier entrance was through C-Colony	Works not included in Approved project Cost (Non Project cost)
2		T-0010.01.04.01	Supply and E&C of FGD		2.53	0.00	Plant & Machinery	Supply and E&C of FGD	**7.19 - Additional Capitalisation**	Execution of Balance works of KTPS - VII Stage	Works included in Approved project Cost (Project cost)
3		T-0010.01.04.02	Civil works of FGD		14.20	0.00	Building	Civil works of FGD	**7.19 - Additional Capitalisation**		Works included in Approved project Cost (Project cost)
4		T-0010.04.11	Establishing Training Institute KTPS-VII		0.09	0.06	Building	Establishing Training Institute KTPS-VII	**7.19 - Additional Capitalisation**		Works included in Approved project Cost (Project cost)
5		T-0010.07	Training Institute		0.51	6.98	Building	Training Institute	**7.19 - Additional Capitalisation**		Works included in Approved project Cost (Project cost)
6		T-0010.04.02	Railway siding & marshalling yard		2.05	0.00	Marshalling Yard	Railway siding & marshalling yard	**7.19 - Additional Capitalisation**		Works included in Approved project Cost (Project cost)
7		T-0010.04.13	Simulator Building cum Training Institut		0.41	7.48	Building	Simulator Building cum Training Institut	**7.19 - Additional Capitalisation**		Works included in Approved project Cost (Project cost)
	Total 2023-24				19.79	14.74					

TGGENCO
KTPS-VII
Form 3.2: Financing of Additional Capitalisation

Rs.in Cr.

S. No.	Particulars	FY 2023-24
		Actual
1	Additional capitalisation	**14.73**
2	**Financing Details**	
	Loan 1	
	Loan 2	
	...	
	Total Loan	**0.00**
3	Equity	
4	Internal Resources	14.73
5	Others (Please Specify)	
6	**Total (2+3+4+5)**	**14.73**

TGGENCO

KTPS-VII

Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2023-24													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	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	Land & Land Rights	1000	0	6.30	-	-	6.30	-	-	-	-	6.30	6.30
2	Land Deposits	1010		2.58	-8.34	-	-5.76	-	-	-	-	2.58	-5.76
3	Buildings	1100	3.34%	218.27	-	-	218.27	37.70	7.27	-	44.97	180.58	173.31
4	Lines & Cable Network	1200	5.28%	350.64	-	-	350.64	80.57	18.46	-	99.02	270.07	251.61
5	Plant & Machinery	1300	5.28%	4,168.28	2.58	-8.34	4,162.52	808.71	214.85	-2.50	1,023.57	3,359.56	3,138.96
6	Capital Spares	1400	5.28%	6.70	20.23	-	26.92	0.10	0.36	-	0.47	6.59	26.45
7	Hydraulic Works	1500	5.28%	247.09	-	-	247.09	56.42	13.03	-	69.45	190.67	177.64
8	Other Civil Works	1600	3.34%	81.83	-	-	81.83	26.78	1.96	-	28.74	55.05	53.09
9	Vehicles	1700	9.50%	6.67	-	8.34	15.01	5.03	2.53	-	7.56	1.63	7.44
10	Furniture& Fixtures	1800	6.33%	1.58	0.13	-	1.71	1.43	0.05	-	1.48	0.15	0.23
11	Computers	1900	15%	3.04	0.07	-	3.11	2.93	0.09	-	3.02	0.11	0.09
12	Office Equipment	2100	6.33%	1.42	0.06	-	1.48	1.40	0.08	-	1.48	0.02	-0.00
13	Intangible Assets	2200	15.00%	-	-	-	-	-	-	-	-	-	-
	Total		5.07%	5094.40	14.73	0.00	5109.13	1021.08	258.69	0.00	1279.77	4073.32	3829.36

TGGENCO

KTPS-VII

Form 5: Interest and finance charges on loan

A. Normative Loan

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Balance of Gross Normative Loan		3566.08	3566.08
2	Cumulative Repayment till the year		1021.08	1021.08
3	Opening Balance of Net Normative Loan	0.00	2545.00	2545.00
4	Less: Reduction of Normative Loan due to retirement or replacement of assets			
5	Addition of Normative Loan due to capitalisation during the year1		10.31	10.31
6	Repayment of Normative loan during the year		258.69	45.65
7	Closing Balance of Net Normative Loan		2296.62	2296.62
8	Closing Balance of Gross Normative Loan		3317.70	3530.74
9	Average Balance of Net Normative Loan		2420.81	2420.81
10	Weighted average Rate of Interest on actual Loans (%)		9.95%	9.95%
11	Interest	0.00	240.87	240.87
12	Finance charges			
13	Total Interest & Finance charges	263.85	240.87	240.87

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. **Actual loan portfolio**

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	**Loan 1-REC**	
	Opening Balance of Loan	2904.75
	Addition of Loan during the year	3.76
	Loan Repayment during the year	352.14
	Closing Balance of Loan	**2556.37**
	Average Loan Balance	2750.09
	Applicable Interest Rate (%)	8.85
	Interest	**273.70**
	Finance charges	
	Total Interest & Finance charges	**273.70**
2	**Loan 2-REC-Additional loan**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	**0.00**
	Average Loan Balance	**0.00**
	Applicable Interest Rate (%)	
	Interest	**0.00**
	Finance charges	
	Total Interest & Finance charges	**0.00**
	.....	
	Total	
	Opening Balance of Loan	**2904.75**
	Addition of Loan during the year	**3.76**
	Loan Repayment during the year	**352.14**
	Closing Balance of Loan	**2556.37**
	Average Loan Balance	**2750.09**
	Applicable Interest Rate (%)	**9.95%**
	Interest	**273.70**
	Finance charges	**0.00**
	Total Interest & Finance charges	**273.70**

TGGENCO
KTPS-VII
Form 6: Interest on working capital

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Cost of coal, towards stock		159.86	159.86
2	Cost of coal for generation		159.86	159.86
3	Cost of secondary fuel oil		2.33	2.33
4	O&M expenses		45.69	45.69
5	Maintenance spares		109.65	109.65
6	Receivables1		567.53	567.53
	Less:			
7	Payables for Fuels2		161.01	161.01
8	Total Working Capital requirement		**883.91**	**883.91**
9	Interest rate		10.08%	10.08%
10	Interest on working capital	**64.55**	**89.10**	**89.10**

Note:

1). In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VII
Form 7: Return on Equity

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		1528.32	1528.32
2	Capitalisation during the year		14.73	14.73
3	Equity portion of capitalisation during the year	0.00	4.42	4.42
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	**0.00**	**1532.74**	**1532.74**
	Rate of Return on Equity			
6	Base rate of Return on Equity	15.50%	15.50%	15.50%
7	Effective Income Tax rate	17.78%	25.17%	25.17%
8	**Rate of Return on Equity**	**18.85%**	**20.71%**	**20.71%**
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**316.56**	**316.56**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.46**	**0.46**
11	**Total Return on Equity**	**299.35**	**317.02**	**317.02**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPS-VII
Form 8: Non-Tariff Income

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	CURRENT CONSUMPTION CHARGES		0.50	0.50
2	INCOME FROM SALE OF ASH		9.30	9.30
3	INCOME FROM SALE OF COAL REJECTS		0.03	0.03
4	INCOME FROM SALE OF SCRAP		1.31	1.31
5	INTEREST INCOME ON EMPLOYEES - Ind AS		-	-
6	INTEREST INCOME ON SD		-	-
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.11	0.11
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.13	0.13
10	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.05	0.05
12	OTHER INCOME - CONSULTANCY PROJECTS		0.02	0.02
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.33	0.33
14	OTHER RECEIPTS FROM CONTRACTORS		-	-
15	OTHER RECEIPTS FROM STAFF		-	-
16	OTHER RENTAL OR LETTING OUT		0.20	0.20
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.15	0.15
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.42	0.42
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.46	0.46
20	SALE OF TENDER SPECIFICATIONS		0.03	0.03
21	VENDOR REGISTRATION FEE		0.01	0.01
22	WATER CHARGES		-	-
	Adjustment of balance depreciable value of KTPS O&M			
	Total	**0.00**	**13.05**	**13.05**

Note: The Non Traiff Income from sale of scrap of KTPS-O&M adjusted to balance depreciable value.

TELANGANA POWER GENERATION CORPORATION LIMITED

KOTHAGUDEM THERMAL POWER STATION-STAGE-VII(1X800 MW)

Form 9: Planned & Forced Outages

S.No.	Particulars	Year (n-1) (2023-24)
		April-March
		Actual
1	Unit 12 / Stage-VII	
A.	**Planned Outages**	
	No of days of outage	Nil
	Period of Outage	Nil
	Reasons for Outage	Nil
B.	**Forced Outages**	
	No of days of outage	20.08
	Period of Outage	1. From 12:19 Hrs of 16-05-2023 to 23:10 Hrs of 17-05-2023. 2. From 19:18 Hrs of 07-08-2023 to 09:10 Hrs of 09-08-2023. 3. From 17:00 Hrs of 09-08-2023 to 21:16 Hrs of 09-08-2023. 4. From 07:09 Hrs of 10-09-2023 to 21:28 Hrs of 11-09-2023. 5. From 19:01 Hrs of 27-09-2023 to 14:50 Hrs of 29-09-2023. 6. From 11:48 Hrs of 02-11-2023 to 20:35 Hrs of 13-11-2023. 7. From 12:50 Hrs of 22-01-2024 to 14:44 Hrs of 24-01-2024.
	Reasons for Outage	Detailed reasons enclosed herewith.

Note:
The Unit OH schedules for the remaining years in the control period will be followed as per the TGGENCO Overhauls program.

K.T.P.S - STAGE-VII - PALONCHA
UNIT-12 (1X800 MW) OUTAGES REPORT
FOR THE F.Y.2023-24

SL NO	FROM DATE	FROM TIME	TO DATE	TO TIME	DURATION (HR:MM)	LOSS OF GEN.MU	P/F	REASONS/ANALYSIS OF TRIPPING	CATEGORY
1	5/16/2023	12:19	5/17/2023	23:10	34:51	27.88	F->	UNIT HAND TRIPPED TO ATTEND SPIRAL WALL TUBE LEAK AT CORNER NO.01, NEAR BOTTOM S-PANEL,AT 11MTS ELEVATION OF BOILER (SPIRAL WALL BEND FAILED DUE TO ATTACHMENT WELD CRACK).	W.W TUBE LEAK
2	8/7/2023	19:18	8/9/2023	09:10	37:52	30.29	F->	TRIPPED ON LOSS OF FUEL PROTECTION(THE SPURIOUS "ALL MILLS OFF" SIGNAL GENERATED IN AP04 PANEL INITIATED TRIP COMMAND TO MILL FEEDERS WHICH ARE IN SERVICE, RESULTED IN BOILER TRIP ON "LOSS OF ALL FUEL " ON MFT AS PER THE LOGIC) SUBSEQUENT TO UNIT TRIP, SPIRAL WATER WALL TUBE LEAK WAS OBSERVED (TUBE FAILED DUE TO FIN ATTACHMENT WELD CRACK AT 11 METERS ELEVATION, BOTTOM S-PANEL STRAIGHT TUBE NEAR CORNER-04)	C&I SYSTEMS
3	8/9/2023	17:00	8/9/2023	21:16	04:16	3.41	F->	TRIPPED ON FURNACE PRESSURE HIGH (ID FAN-B GOT TRIPPED ON MOTOR PROTECTION AND ID FAN WHICH IS IN AUTO, HAS NOT TAKEN THE LOAD AS ITS DAMPER GOT STRUCK UP AT 11% POSITION IRRESPECTIVE OF THE DEMAND, RESULTING IN HIGH FURNACE PRESSURE)	C&I SYSTEMS
4	9/10/2023	07:09	9/11/2023	21:28	38:19	30.653	F->	HAND TRIPPED TO ATTEND SPIRAL WALL TUBE LEAK ABOVE BURNER PANEL CORNER NO.1 NEAR 45MTS ELEVATION OF BOILER(OLD ERECTION WELD JOINT FAILURE)	W.W.TUBE LEAK
5	9/27/2023	19:01	9/29/2023	14:50	43:49	35.053	F->	HAND TRIPPED TO ATTEND SPIRAL WALL TUBE LEAK AT 45MTS AT CORNER NO.02	W.W.TUBE LEAK
6	11/2/2023	11:48	11/13/2023	20:35	11.366	218.2	F->	UNIT HAND TRIPPED TO ATTEND TURBINE BEARING NO.1 VIBRATIONS	TURBINE & AUX
7	1/22/2024	12:50	1/24/2024	14:44	49:54	39.920	F->	UNIT HAND TRIPPED TO ATTEND SPIRAL WALL TUBE LEAK AT 45MTS ELEVATION BETWEEN CORNER NO :3&4 OF BOILER(FISH MOUTH OPENING OF SPIRAL WATER WALL TUBE NEAR WALL BLOWER NO.62 AND SHOP FIN WELD FAILURE (FIN BAR UNDERCUT/FIN ATTACHMENT WELD CRACK) AT CD ELEVATION BURNER PANEL	W.W.TUBE LEAK
7	TOTAL FOR THE PERIOD				481:48	385.44		NOTE: P-PLANNED SHUT DOWN, F-FORCED SHUT DOWN, R- RESERVE SHUT DOWN	

TGGENCO
KTPS-VII
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2023-24			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Audited	Claimed	
1	Installed Capacity	MW	800			
	COD		26.12.2018			
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit Head			
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	85	85	85	
2.2	Actual/Projected Availability	%		88.68	88.68	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	85	85	85	
3.2	Actual/Projected PLF	%		85.54		
4	**Gross Generation**					
4.1	Scheduled Generation	MU		5756.61	5756.61	
4.2	Actual/Projected Gross Generation	MU		6011.28	6011.28	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	5.25	5.25	5.25	
5.2	Actual/Projected Auxiliary Energy Consumption	%		4.24	4.24	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		254.66	254.66	
5.4	Net Generation	MU		5756.61	5756.61	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	2151	2151	2151	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2124	2124	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.358	0.358	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%		0.8	0.8	

TOGENCO

KTPS-VII

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	91965	82292	120498	128880	81162	61611	73115	80901	145057	88880	85969	74830	69335	61174	77746	81293	58798	85022
2	Value of stock	Rs in Crs	57.22	50.59	81.01	90.26	54.18	35.84	41.81	54.32	100.40	55.09	58.30	46.33	54.80	43.48	49.42	51.80	38.92	53.99
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	282179	289769	255109	235538	248059	249554	274439	222166	225429	247036	245397	290724	219708	276842	254430	205013	308403	243627
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	**282178.81**	**289769**	**255109.4**	**235538.3**	**248059.1**	**249554**	**274439**	**222166**	**225427.7**	**247036.2**	**245397**	**290724.1**	**219708**	**276842.1**	**254430.4**	**205013**	**308403**	**243627**
6	Normative transit and handling loss	MT	2257	2318	2041	1884	1968	1996	2196	1777	1803	1976	1963	2326	1758	2213	2035	1640	2467	1949
7	Net coal supplied	MT	**279921.38**	**287451**	**253068.5**	**233654**	**244090.8**	**247558**	**272243**	**220389**	**223624.3**	**245059.9**	**243434**	**288398.3**	**217950**	**274429**	**252396**	**203373**	**305936**	**241678**
C	**Price**																			
8	Amount charged by coal company	Rs in Crs	170.79	205.32	177.49	148.26	145.45	138.60	181.94	151.16	142.84	162.90	138.28	177.29	142.28	170.54	158.03	140.33	194.97	129.65
9	Adjustment in amount charged by the coal company	Rs in Crs	-18.49	-15.52	-2.75	-4.36	-21.00	-11.66	-5.10	-5.75	-16.74	-5.17	-4.97	-14.84	-1.46	-7.20	-3.10	-10.18	-16.64	-15.66
10	Handling, sampling and such other similar charges	Rs in Crs	0.29	0.30	0.25	0.29	0.61	0.61	0.48	0.35	0.27	0.32	0.27	0.72	0.30	0.36	0.32	0.40	0.39	0.80
11	Total amount charged (8+9+10)	Rs in Crs	**152.59**	**187.00**	**174.98**	**142.17**	**124.95**	**127.45**	**177.31**	**145.77**	**124.07**	**158.06**	**133.58**	**163.17**	**141.12**	**163.62**	**153.25**	**130.54**	**178.32**	**114.81**
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs in Crs	18.77	9.97	6.97	6.59	9.04	14.12	12.68	7.15	8.76	12.32	12.08	13.34	7.38	9.23	7.70	6.07	14.37	7.07
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
		Rs in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	18.77	9.97	6.97	6.59	9.04	14.12	12.68	7.15	8.76	12.32	12.08	13.34	7.38	9.23	7.70	6.07	14.37	7.07
17	Total amount charged for coal supplied including transportation (11+16)	Rs in Crs	**171.36**	**196.97**	**180.95**	**151.77**	**133.99**	**141.57**	**189.99**	**152.92**	**132.83**	**170.38**	**145.62**	**176.51**	**148.52**	**172.86**	**160.94**	**136.61**	**192.70**	**121.89**
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	**6149.06**	**6695.59**	**7003.16**	**6675.92**	**5785.50**	**5712.05**	**6714.73**	**6878.48**	**6310.44**	**6781.57**	**6150.62**	**6134.71**	**6616.82**	**6366.72**	**6371.91**	**6618.50**	**6360.20**	**6383.49**
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as billed	kcal/kg	4843	5216	5069	4263.00	4268.00	4325.00	5106	4369	4493	4698	4346	4483	4735	4592	4559	4844	4557	3757
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg																		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg																		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	4169.00	4508.00	4840.00	4380.00	4010.00	3608.00	4494.00	4542.00	4087.00	4234.00	3966.00	3879.00	4394.00	4125.00	4212.00	4198.00	3799.00	3213.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited
Kothagudem Thermal Power Station- VII Stage
Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of oil	KL	2682	2727	2940	2838	2836	2973	2847	2959	2901	2900	2864	2879	2879	2736	2736	2730	2432	2432
2	Value of stock	Rs.in Crs	10.60	18.89	17.90	17.49	17.49	18.80	18.65	19.22	18.59	18.59	18.29	18.39	18.39	17.54	17.54	17.53	15.55	15.55
B	**Procurement**																			
3	Quantity of oil supplied by the oil company	KL	45	390	0	0	550	300	312	842	0	191	20	0	0	0	0	0	0	0
4	Adjustment in oil quantity supplied by the oil company	KL																		
5	oil supplied by oil company (3+4)	KL																		
6	Normative transit and handling loss	KL																		
7	Net oil supplied	KL																		
C	**Price**																			
8	Amount charged by oil company	Rs.in Crs	0.30	2.33	0.00	0.00	4.03	2.28	2.37	3.11	0.00	1.20	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Adjustment in amount charged by the oil company	Rs.in Crs																		
10	Handling, sampling and such other similar charges	Rs.in Crs																		
11	Total amount charged (8+9+10)	Rs.in Crs	0.30	2.33	0.00	0.00	4.03	2.28	2.37	3.11	0.00	1.20	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs.in Crs																		
	By road	Rs.in Crs																		
	By ship	Rs.in Crs																		
		Rs.in Crs																		
13	Adjustment in amount charged by the oil transporter	Rs.in Crs																		
14	Demurrage charges, if any	Rs.in Crs																		
15	Cost of diesel in transporting oil through MGR system, if applicable	Rs.in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs.in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs.in Crs	0.30	2.33	0.00	0.00	4.03	2.28	2.37	3.11	0.00	1.20	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	**Total Cost**																			
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	61951	61660	61621	61625	63500	64387	64452	63791	64080	64011	63838	63845	63845	64067	64087	64087	63936	63936
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of oil for preceding three months	Rs./KL																		
F	**Quality**																			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre																		
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre																		
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre																		
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre																		
25	Weighted average GCV of Oil as Billed	kcal/litre																		
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre																		
27	GCV of Domestic Oil supplied as received at Station	kcal/litre																		
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
30	Weighted average GCV of Oil as Received	kcal/litre																		

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

TGGENCO
KTPS-VII
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	5.25	4.24	4.24
Gross Station Heat Rate	GSHR	kcal/kWh	2151	2124	2124
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.36	0.36
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.06	0.06	0.06
Gross Calorific Value of Coal	CVPF	kcal/kg	4185.79	4185.79	4185.79
Landed Price of Coal	LPPF	Rs./kg	6.40	6.40	6.40
Specific Coal Consumption		kg/kWh	0.51	0.51	0.51
Coal Rate		**Rs./kWh**	3.465	3.388	3.388
Oil Rate		**Rs./kWh**	0.034	0.024	0.024
ECR		**Rs./kWh**	**3.498**	**3.412**	**3.412**

TGGENCO
KTPS-VII
Form 13: Sales

FY 2023-24
Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	352.15	367.42	376.75	373.30	345.30	272.86	380.89	225.94	357.58	342.39	322.56	344.16	4061.2975
TGNPDCL (29.45%)	147.00	153.37	157.27	155.83	144.14	113.90	158.99	94.32	149.27	142.92	134.65	143.66	1695.3255
Total	499.15	520.79	534.02	529.13	489.44	386.76	539.88	320.26	506.85	485.31	457.21	487.82	5756.62

TGGENCO

KTPS-VII

Form 15: Revenue Reconciliation

FY 2023-24

Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month (%)	%	94.12	92.46	97.77	93.71	86.94	71.18	95.67	59.92	96.09	90.95	93.65	91.89	88.68
3	Cumulative Availability (%)	%	94.12	93.28	94.76	94.49	92.96	89.39	90.30	86.57	87.64	87.97	88.47	88.76	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month (%)	%	90.51	91.29	96.55	92.66	85.93	70.56	94.49	58.28	88.72	85.05	85.77	85.88	
6	Cumulative PLF (%)	%	90.51	90.91	92.77	92.74	91.36	87.95	88.90	85.13	85.54	85.49	85.51	85.54	
7	Gross Generation (MU)	MU	521.35	543.35	556.13	551.53	511.44	406.41	562.40	335.69	528.07	506.21	477.57	511.13	6011.28
8	Auxiliary Consumption (MU)	MU	22.21	22.57	22.10	22.40	22.01	19.65	22.52	15.43	21.21	20.90	20.36	23.31	254.67
9	Net Generation (MU)	MU	**499.14**	**520.78**	**534.03**	**529.13**	**489.43**	**386.76**	**539.88**	**320.26**	**506.86**	**485.31**	**457.21**	**487.82**	**5756.61**
10	Generation above target PLF (MU)	MU	9.54	14.86	44.43	23.21	-16.49	-102.84	33.96	-169.34	0.94	-20.61	-16.07	-18.10	-216.51
11	Variable Charges Per Unit	Rs./kWh	2.409	2.409	2.409	2.409	2.409	2.409	2.409	2.409	2.409	2.409	2.409	2.409	
12	Approved Fixed Charges	Rs. Crore	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	1345.42
13	Fuel Surcharge	Rs./kWh	3.355	3.397	3.307	3.736	3.302	3.634	3.446	3.463	3.529	3.662	3.567	3.616	
14	Fixed Charges During Month	Rs. Crore	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	112.12	1345.41
15	Energy Charges Amount	Rs. Crore	120.24	125.46	128.65	127.47	117.90	93.17	130.06	77.15	122.10	116.91	110.14	117.52	1386.77
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	47.21	51.46	47.96	70.21	43.73	47.38	55.99	33.76	56.74	60.83	52.93	58.89	627.09
17	Incentive Amount	Rs. Crore													4.85
18	**Revenue from sale of electricity**	Rs. Crore	279.58	289.03	288.72	309.79	273.75	252.67	298.17	223.03	290.96	289.86	275.19	288.52	3364.12
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**-24.59**
-	Fixed charges disallowed as per TGSLDC Availability	Rs. Crore													**0.00**
-	Water charges	Rs. Crore													**1.16**
-	Fixed charges reduced prorata to actual capitalisation	Rs. Crore													**0.00**
20	**Total Revenue**	Rs. Crore	**279.58**	**289.03**	**288.72**	**309.79**	**273.75**	**252.67**	**298.17**	**223.03**	**290.96**	**289.86**	**275.19**	**288.52**	**3340.69**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<RTS-B>
Tariff Filing Formats - Generation
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	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
RTS-B
Form 1: Summary Sheet

(Rs. in Cr.)

S. No.	Particulars	Units	Reference	FY 2023-24			Remarks
				MYT/Tariff Order	April-March	True-Up requirement	
				Approved	Audited	Claimed	
A	**Annual Fixed Charges**						
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	93.76	100.26	100.26	
2	Depreciation	Rs. Crore	Form 4	10.11	19.44	19.44	
3	Interest and finance charges on loan	Rs. Crore	Form 5	0.00	0.00	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	6.79	8.19	8.19	
5	Return on Equity	Rs. Crore	Form 7	7.16	7.90	7.90	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.00	1.71	1.71	
7	**Annual Fixed Charges**	**Rs. Crore**		117.82	134.08	134.08	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	4.710	5.597	5.597	
2	Scheduled Energy (ex-bus)	MU	Form 10	219.06	219.06	219.06	
3	Energy Charges	Rs. Crore		103.17	122.61	122.61	
C	**AFC +Energy Charges**	Rs. Crore		220.99	256.69	256.69	

TGGENCO

RTS-B

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

(Rs. in Cr.)

S. No.	Particulars	Reference	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1	78.57	85.03	85.03
2	A&G Expenses	Form 2.2	10.02	6.76	6.76
3	R & M Expenses	Form 2.3	6.11	8.47	8.47
4	Total O&M Expenses		**93.76**	**100.26**	**100.26**

Note:

1 *The projections for the Control Period to be supported by detailed computations*

TGGENCO

RTS-B

Form 2.1: Employee Expenses

(Rs. in Cr.)

S.No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Basic Salary	46.01
2	Dearness Allowance (DA)	4.13
3	House Rent Allowance	0.51
4	Conveyance Allowance	0.36
5	Leave Travel Allowance	0.00
6	Earned Leave Encashment	8.09
7	Other Allowances	7.89
8	Medical Reimbursement	1.45
9	Overtime Payment	-
10	Bonus/Ex-Gratia Payments	-
11	Interim Relief / Wage Revision	0.00
12	Staff welfare expenses	0.75
13	VRS Expenses/Retrenchment Compensation	-
14	Commission to Directors	-
15	Training Expenses	-
16	Payment under Workmen's Compensation Act	-
17	Net Employee Costs	**69.19**
18	Terminal Benefits	-
18.1	Provident Fund Contribution	3.40
18.2	Provision for PF Fund	-
18.3	Pension Payments	-
18.4	Gratuity Payment	12.44
19	Unfunded past liabilities of pension & gratuity	-
20	Others	-
21	**Gross Employee Expenses**	**85.03**
22	Less: Expenses Capitalised	0.00
23	**Net Employee Expenses**	**85.03**

TGGENCO

RTS-B

Form 2.2: Administrative & General Expenses

(Rs. in Cr.)

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Rent Rates & Taxes	0.37
2	Insurance	0.08
3	Telephone & Postage, etc.	0.03
4	Legal charges & Audit fee	0.01
5	Professional, Consultancy, Technical fee	0.30
6	Conveyance & Travel	0.02
7	Electricity charges	1.92
8	Water charges	0.00
9	Security arrangements	3.46
10	Fees & subscription	0.00
11	Books & periodicals	-0.00
12	Computer Stationery	-
13	Printing & Stationery	0.00
14	Advertisements	0.01
15	Purchase Related Advertisement Expenses	-
16	Contribution/Donations	-
17	License Fee and other related fee	-
18	Vehicle Running Expenses Truck / Delivery Van	0.00
19	Vehicle Hiring Expenses Truck / Delivery Van	0.55
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	0.01
25	Bank Charges	-
26	Miscellaneous Expenses	-
27	Office Expenses	-
28	Others	-
29	**Gross A &G Expenses**	**6.76**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**6.76**

TGGENCO
RTS-B
Form 2.3: Repair & Maintenance Expenses

(Rs. in Cr.)

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Plant & Machinery	6.89
2	Buildings	-
3	Civil Works	1.07
4	Hydraulic Works	0.01
5	Lines & Cable Networks	0.45
6	Vehicles	0.00
7	Furniture & Fixtures	-
8	Office Equipment	0.05
9	**Gross R&M Expenses**	**8.47**
10	Gross Fixed Assets at beginning of year	**127.04**
11	R&M Expenses as % of GFA at beginning of year	**6.67%**

TGGENCO

RTS-B

Form 3: Summary of Capital Expenditure and Capitalisation

(Rs. in Cr.)

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year		0.04	0.04
3	Capitalisation during the year		**0.04**	**0.04**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**

TGGENCO

RTS-B

Form 3.1: Statement of Additional Capitalisation after COD

(Rs. in Cr.)

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	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 TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	FY 2023-24									
1										
2					0.04	0.04				
3										
	Total			0.00	0.04	0.04				

* *Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.*

(16)

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

RTS-B,RAMAGUNDAM

DETAILS PROPERTY PLANT EQUIPMENT PURCHASED DURING THE F.Y.2023-24

SL.NO	Asset Class	Asset code	name of the Asset description	A/C.NO	date of put	pono	invoiceno date	amount	devoluted/ diverted
1	2100	2100001370	Surveillance System (CC Cameras)	100960	24-02-21	4500029959	5106083985&86	42,775.78	0
3	2100	2100001816	BIOMETRIC DEVICE4000FACE,FNG DET&CRD RED	100960	14-03-24	4500032074	5106445223	84,960.00	0
4	2100	2100001827	PEDESTAL FAN,18"	100960	01-10-23	4900002389	1900004074	4,484.18	0
5	1800	1800005685	CHAIR, GODREJ, MID BACK, BRAVO (6 NO)	100510	08-05-23	4500029159	5106038023	80,402.84	0
6	1800	1800005686	CHAIR, S-TYPE, W/FULL ARM,MDL CH6,GODREJ(1	100510	12-06-23	4500029159	5106038023	57,228.82	0
7	1800	1800005687	Godrej mid back chairs (3 No)	100510	08-05-23	4500029159	5106038023	45,944.48	0
8	1800	1800005688	Godrej S type chairs (4 No)	100510	12-06-23	4500029159	5106038023	57,228.82	0
			TOTAL					373,024.92	

TGGENCO

RTS-B

Form 3.2: Financing of Additional Capitalisation

(Rs.in Cr.)

S. No.	Particulars	FY 2023-24	
		Actual	
1	Additional capitalisation	0.04	
2	**Financing Details**		
	Loan 1		
	Loan 2		
	...		
	Total Loan	0.00	
3	Equity		
4	Internal Resources	0.04	
5	Others (Please Specify)		
6	**Total (2+3+4+5)**	0.04	

TGGENCO

RTS-B

Form 4: Fixed Assets & Depreciation

(Rs. Crore)

FY 2023-24													
				Gross fixed Assets				Provisions for depreciation				Net fixed Assets	
S.No.	Asset Group	A/c Code	Rate of Depriciation	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	Land & Land Rights	1000	0	0.30	-	-	0.30	-	-	-	-	0.30	0.30
2	Land Deposits	1010					-				-	-	-
3	Buildings	1100	3.34%	2.32	-	-	2.32	1.87	0.21	-	2.09	0.45	0.23
4	Lines & Cable Network	1200	5.28%	0.78	-	-	0.78	0.65	0.06	-	0.71	0.14	0.08
5	Plant & Machinery	1300	5.28%	118.69	-	-	118.69	84.79	19.04		103.84	33.90	14.86
6	Capital Spares	1400	5.28%	0.50	-	-	0.50	0.38	0.07	-	0.45	0.12	0.05
7	Hydraulic Works	1500	5.28%	0.56	-	-	0.56	0.50	0.01	-	0.51	0.06	0.06
8	Other Civil Works	1600	3.34%	2.57	-	-	2.57	2.31	0.00	-	2.31	0.26	0.26
9	Vehicles	1700	9.50%	0.37	-	-	0.37	0.33	-	-	0.33	0.04	0.04
10	Furniture& Fixtures	1800	6.33%	0.14	0.02	-	0.17	0.13	0.00	-	0.14	0.01	0.03
11	Computers	1900	15%	0.53	-	-	0.53	0.42	0.03	-	0.45	0.12	0.08
12	Office Equipment	2100	6.33%	0.26	0.01	-	0.27	0.21	0.01	-	0.22	0.05	0.05
13	Intangible Assets	2200	15.00%	0.01	-	-	0.01	0.01	-		0.01	-	-
	Total		15.30%	127.04	0.04	0.00	127.08	91.61	19.44	0.00	111.05	35.43	16.03

TGGENCO

RTS-B

Form 5: Interest and finance charges on loan

A. Normative Loan

(Rs. Crore)

S. No.	Particulars	FY 2023-24			
		MYT/Tariff Order	Apr-Mar	True-Up requirement	
		Approved	Audited	Claimed	
1	Opening Balance of Gross Normative Loan		88.93	88.93	
2	Cumulative Repayment till the year		91.61	91.61	
3	Opening Balance of Net Normative Loan	0.00	0.00	0.00	
4	Less: Reduction of Normative Loan due to retirement or replacement of assets				
5	Addition of Normative Loan due to capitalisation during the year1		0.03	0.03	
6	Repayment of Normative loan during the year		19.44	19.44	
7	Closing Balance of Net Normative Loan		0.00	0.00	
8	Closing Balance of Gross Normative Loan		69.52	69.52	
9	Average Balance of Net Normative Loan		0.00	0.00	
10	Weighted average Rate of Interest on actual Loans (%)		9.55%	9.55%	
11	Interest	0.00	0.00	0.00	
12	Finance charges				
13	Total Interest & Finance charges	0.00	0.00	0.00	

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. **Actual loan portfolio**

(Rs.in Cr.)

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	**Loan 1**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	
	Interest	0.00
	Finance charges	
	Total Interest & Finance charges	0.00
2	**Loan 2**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	
	Interest	0.00
	Finance charges	
	Total Interest & Finance charges	0.00
	.....	
	Total	
	Opening Balance of Loan	0.00
	Addition of Loan during the year	0.00
	Loan Repayment during the year	0.00
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	0.00%
	Interest	0.00
	Finance charges	0.00
	Total Interest & Finance charges	0.00

TGGENCO
RTS-B
Form 6: Interest on working capital

(Rs. Crore)

S. No.	Particulars	FY 2023-24			
		MYT/Tariff Order	Apr-Mar	True-Up requirement	
		Approved	Audited	Claimed	
1	Cost of coal, towards stock		9.30	9.30	
2	Cost of coal for generation		9.30	9.30	
3	Cost of secondary fuel oil		1.53	1.53	
4	O&M expenses		8.36	8.36	
5	Maintenance spares		20.05	20.05	
6	Receivables1		42.78	42.78	
	Less:				
7	Payables for Fuels2		10.05	10.05	
8	Total Working Capital requirement		**81.26**	**81.26**	
9	Interest rate		10.08%	10.08%	
10	Interest on working capital	**6.79**	**8.19**	**8.19**	

Note:
1). In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
RTS-B
Form 7: Return on Equity

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		38.112	38.112
2	Capitalisation during the year		0.04	0.04
3	Equity portion of capitalisation during the year	0.00	0.01	0.01
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	**0.00**	**38.12**	**38.12**
	Rate of Return on Equity			
6	Base rate of Return on Equity	15.50%	15.50%	15.50%
7	Effective Income Tax rate	17.78%	25.17%	25.17%
8	**Rate of Return on Equity**	**18.85%**	**20.71%**	**20.71%**
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**7.89**	**7.89**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.00**	**0.00**
11	**Total Return on Equity**	**7.16**	**7.90**	**7.90**

Note:
1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO

RTS-B

Form 8: Non-Tariff Income

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	CURRENT CONSUMPTION CHARGES		0.42	0.42
2	INCOME FROM SALE OF ASH		0.09	0.09
3	INCOME FROM SALE OF COAL REJECTS		0.60	0.60
4	INCOME FROM SALE OF SCRAP		0.14	0.14
5	INTEREST INCOME ON EMPLOYEES - Ind AS		-	-
6	INTEREST INCOME ON SD		-	-
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.04	0.04
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.02	0.02
10	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.01	0.01
12	OTHER INCOME - CONSULTANCY PROJECTS		0.00	0.00
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.02	0.02
14	OTHER RECEIPTS FROM CONTRACTORS		-	-
15	OTHER RECEIPTS FROM STAFF		-	-
16	OTHER RENTAL OR LETTING OUT		0.02	0.02
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.05	0.05
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.17	0.17
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.11	0.11
20	SALE OF TENDER SPECIFICATIONS		0.01	0.01
21	VENDOR REGISTRATION FEE		0.00	0.00
22	WATER CHARGES		0.00	0.00
	Total	0.00	1.71	1.71

RamagundamThermal Power Station- B (1 x 62.5 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2023-24
		April-March
		Actual
1	Unit 1 / RTS- B	
A.	**Planned Outages**	1
	No of days of outage	35 Days 7 hrs 1 min
	Period of Outage	From 11.00 hrs on Dt.15.09.2023 to 18.01 hrs on Dt.20.10.2023
	Reasons for Outage	Unit AOH
B.	**Forced Outages**	27
	No of days of outage	151.15
	Period of Outage (Hrs)	3627.06:00
	Reasons for Outage	Enclosed

Note:
AOH: Annual Overhuals
COH: Capital Overhauls

TGGENCO
RTS-B
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2023-24			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Audited	Claimed	
1	Installed Capacity	MW	62.5			
	COD		17.10.1971			
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit Head			
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	75	75	75	
2.2	Actual/Projected Availability	%		**45.04**	**45.04**	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	75	75	75	
3.2	Actual/Projected PLF	%		**47.16**	**47.16**	
4	**Gross Generation**					
4.1	Scheduled Generation	MU		219.06	**219.06**	
4.2	Actual/Projected Gross Generation	MU		**258.89**	**258.89**	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	10	10	10	
5.2	Actual/Projected Auxiliary Energy Consumption	%		**15.39**	**15.39**	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		**39.84**	**39.84**	
5.4	Net Generation	MU		**219.06**	**219.06**	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	3000	3000	3000	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		**3246**	**3246**	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	2	2	2	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		**4.259**	**4.259**	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	**0.8**	**0.8**	
8.2	Actual/Projected Transit Loss	%		**0.8**	**0.8**	

TGGENCO

RTS-B

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	12365	8144	4313	5035	4329	2303	8240	4841	3679	7050	5857	8130	6876	3886	4435	3831	3824	3824
2	Value of stock	Rs in Cra	4.68	3.56	2.08	2.46	2.08	1.22	3.17	2.47	1.88	3.51	2.87	3.99	3.45	2.09	2.31	1.89	1.89	1.91
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	14088	20871	22277	22734	18846	7199	357	18720	27832	26211	26789	17208	6705	10428	0	0	0	0
4	Adjustment in coal quantity supplied by the coal company (J+)	MT																		
5	Coal supplied by coal company (3+4)	MT	**14088.25**	**20871.44**	**22277.28**	**22733.53**	**18846.10**	**7199.7**	**356.65**	**18720.2**	**27832.06**	**26211.35**	**26789.03**	**17208.7**	**6705.32**	**10428.04**	**0**	**0**	**0**	**0**
6	Normative transit and handling loss	MT	113	167	178	182	151	58	3	150	223	210	214	138	54	83	0	0	0	0
7	Net coal supplied	MT	**13975.584**	**20704.47**	**22099.06**	**22551.66**	**18695.41**	**7141.11**	**353.7960**	**18570.4384**	**27609.4**	**26001.00**	**26574.718**	**17071.03**	**6711.1974**	**10344.62**	**0**	**0**	**0**	**0**
C	**Price**																			
8	Amount charged by coal company	Rs in Cra	6.33	9.88	10.37	11.39	9.66	3.58	0.16	8.89	12.30	12.28	12.64	8.20	3.49	5.03	0.00	0.00	0.00	0.00
9	Adjustment in amount charged by the coal company	Rs in Cra	0.19	0.19	0.19	-0.24	-0.24	-0.19	-0.06	-0.01	-0.08	-0.07	0.05	0.05	0.17	0.04	0.00	0.00	0.02	0.06
10	Handling, sampling and such other similar charges	Rs in Cra	0.10	0.14	0.18	0.18	0.15	0.13	0.08	0.21	0.17	0.14	0.15	0.17	0.14	0.14	0.00	0.00	0.00	0.00
11	Total amount charged (8+9+10)	Rs in Cra	**6.62**	**10.20**	**10.64**	**11.31**	**9.58**	**3.53**	**0.18**	**9.07**	**13.42**	**12.34**	**12.79**	**8.47**	**3.77**	**5.20**	**0.00**	**0.00**	**0.02**	**0.06**
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs in Cra	0.16	0.22	0.23	0.24	0.20	0.08	0.01	0.22	0.31	0.33	0.34	0.20	0.07	0.13	0.00	0.00	0.00	0.00
	By road	Rs in Cra																		
	By ship	Rs in Cra																		
		Rs in Cra																		
13	Adjustment in amount charged by the coal transporter	Rs in Cra																		
14	Demurrage charges, if any	Rs in Cra																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs in Cra																		
16	Total Transportation charges (12+13+14+15)	Rs in Cra	0.16	0.22	0.23	0.24	0.20	0.08	0.01	0.22	0.31	0.33	0.34	0.20	0.07	0.13	0.00	0.00	0.00	0.00
17	Total amount charged for coal supplied including transportation (11+16)	Rs in Cra	**6.77**	**10.42**	**10.90**	**11.75**	**9.78**	**3.60**	**0.19**	**9.29**	**13.73**	**12.67**	**13.04**	**8.67**	**3.84**	**5.33**	**0.00**	**0.00**	**0.02**	**0.06**
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs /MT	**4348.88**	**4841.19**	**4916.09**	**5155.51**	**5210.90**	**5086.15**	**5096.96**	**5022.63**	**4978.16**	**4898.36**	**4908.38**	**5024.68**	**5368.94**	**5206.80**	**5206.80**	**5206.80**	**5268.07**	**5268.07**
19	Blending Rate (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs /MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4211	4826	5108	3710.00	3690.00	3724.00	4244	4450	4255	4462	3863	4234	4147	4191	4214	4043	4210	3435
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg																		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg																		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	3756.00	4365.00	4270.00	3794.00	3577.00	3337.00	3967.00	4254.00	3990.00	3913.00	3629.00	3927.00	3599.00	3752.00	3875.00	3668.00	3342.00	3349.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited

RTS-B

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	Opening Quantity																			
1	Opening quantity of oil	KL	108	136	110	104	141	106	116	96	81	78	88	97	71	65	47	54	55	55
2	Value of stock	Rs in Crs	0.84	1.05	0.86	0.84	1.09	0.81	0.95	0.80	0.67	0.51	0.61	0.69	0.53	0.68	0.31	0.44	0.44	0.44
B	Procurement																			
3	Quantity of oil supplied by the oil company	KL	104	40	84	88	62	84	30	20	109	85	159	267	153	156	40	1		
4	Adjustment in oil quantity supplied by the oil company	KL																		
5	oil supplied by oil company (3+4)	KL																		
6	Normative transit and handling loss	KL																		
7	Net oil supplied	KL																		
C	Price																			
8	Amount charged by oil company	Rs in Crs	0.94	0.40	0.73	0.68	0.56	0.77	0.20	0.20	0.77	0.55	1.20	2.29	1.24	1.25	0.39	0.01	0.00	0.00
9	Adjustment in amount charged by the oil company	Rs in Crs																		
10	Handing, sampling and such other similar charges	Rs in Crs																		
11	Total amount charged (8+9+10)	Rs in Crs	0.94	0.40	0.73	0.68	0.56	0.77	0.20	0.20	0.77	0.55	1.20	2.29	1.24	1.25	0.39	0.01	0.00	0.00
D	Transportation																			
12	Transportation charges																			
	By rail	Rs in Crs																		
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
		Rs in Crs																		
13	Adjustment in amount charged by the oil transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting oil through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs in Crs	0.94	0.40	0.73	0.68	0.56	0.77	0.20	0.20	0.77	0.55	1.20	2.29	1.24	1.25	0.39	0.01	0.00	0.00
E	Total Cost																			
18	Landed cost of oil (2+17)/(1+7)	Rs./KL	63719	82738	82030	78910	81594	82993	84996	85983	75822	75509	73162	81245	79588	79312	80801	81473	81473	81473
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of oil for preceding three months	Rs./KL																		
F	Quality																			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre																		
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre																		
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre																		
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre																		
25	Weighted average GCV of Oil as billed	kcal/litre																		
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre																		
27	GCV of Domestic Oil supplied as received at Station	kcal/litre																		
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
30	Weighted average GCV of Oil as Received	kcal/litre	GCV DETAILS TO BE FURNISHED BY COAL & COMMERCIAL																	

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

TGGENCO
RTS-B
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	10	15.39	15.39
Gross Station Heat Rate	GSHR	kcal/kWh	3000	3246	3246
Secondary Fuel oil consumption	SFC	ml/kWh	2	4.26	4.26
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9381	9381	9381
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.08	0.08	0.08
Gross Calorific Value of Coal	CVPF	kcal/kg	3614.77	3614.77	3614.77
Landed Price of Coal	LPPF	Rs./kg	4.94	4.94	4.94
Specific Coal Consumption		kg/kWh	0.82	0.89	0.89
Coal Rate		**Rs./kWh**	4.526	5.177	5.177
Oil Rate		**Rs./kWh**	0.186	0.420	0.420
ECR		**Rs./kWh**	**4.710**	**5.597**	**5.597**

TGGENCO
RTS-B
Form 13: Sales

FY 2023-24
Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	13.85	17.36	15.01	17.36	16.95	2.45	1.21	13.15	16.21	17.45	14.20	9.34	154.54
TGNPDCL (29.45%)	5.78	7.24	6.26	7.25	7.07	1.02	0.51	5.49	6.77	7.29	5.93	3.90	64.51
Total	19.63	24.60	21.27	24.61	24.02	3.47	1.72	18.64	22.98	24.74	20.13	13.24	219.05

TGGENCO

RTS-B

Form 15: Revenue Reconciliation

FY 2023-24

Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
2	Availability during the month (%)	%	49.59	67.06	51.81	59.50	57.36	8.59	4.83	46.99	54.54	59.62	51.33	30.68	45.04
3	Cumulative Availability (%)	%	49.59	58.47	56.27	57.09	57.15	49.19	42.76	43.28	44.55	46.08	46.53	45.19	
4	Target PLF for Incentive	%	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
5	Actual PLF during the month (%)	%	50.92	61.56	56.09	62.15	60.89	10.47	5.34	48.19	57.69	62.17	54.72	35.43	
6	Cumulative PLF (%)	%	50.92	56.33	56.25	57.75	58.38	50.53	43.98	44.50	45.99	47.63	48.24	47.16	
7	Gross Generation (MU)	MU	22.91	28.63	25.24	28.90	28.31	4.71	2.49	21.69	26.83	28.91	23.80	16.47	258.89
8	Auxiliary Consumption (MU)	MU	3.28	4.03	3.97	4.29	4.30	1.24	0.76	3.05	3.84	4.17	3.67	3.23	39.83
9	Net Generation (MU)	MU	**19.63**	**24.60**	**21.27**	**24.61**	**24.01**	**3.47**	**1.73**	**18.64**	**22.99**	**24.74**	**20.13**	**13.24**	**219.06**
10	Generation above target PLF (MU)	MU	-14.15	-10.28	-12.48	-10.27	-10.87	-30.28	-33.15	-15.11	-11.89	-10.14	-12.50	-21.64	-192.72
11	Variable Charges Per Unit	Rs./kWh	3.040	3.040	3.040	3.040	3.040	3.040	3.040	3.040	3.040	3.040	3.040	3.040	
12	Approved Fixed Charges	Rs. Crore	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82	117.82
13	Fuel Surcharge	Rs./kWh	4.184	4.631	4.685	4.870	4.868	4.818	4.704	4.818	4.743	4.708	4.710	4.858	
14	Fixed Charges During Month	Rs. Crore	6.49	8.82	6.79	7.80	7.51	1.23	0.55	6.14	7.16	7.84	6.68	3.99	70.99
15	Energy Charges Amount	Rs. Crore	5.97	7.48	6.47	7.48	7.30	1.05	0.52	5.67	6.99	7.52	6.12	4.03	66.59
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	2.25	3.91	3.50	4.50	4.39	0.62	0.29	3.31	3.91	4.13	3.36	2.41	36.58
17	Incentive Amount	Rs. Crore													
18	**Revenue from sale of electricity**	Rs. Crore	14.71	20.21	16.76	19.78	19.21	2.90	1.36	15.12	18.06	19.48	16.16	10.42	174.16
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**5.77**
-	Fixed charges disallowed as per TGSLDC Availability	Rs. Crore													**-0.24**
-	Water charges	Rs. Crore													**0.17**
-	Fixed charges reduced prorata to actual capitalisation	Rs. Crore													**0.00**
20	**Total Revenue**	Rs. Crore	**14.71**	**20.21**	**16.76**	**19.78**	**19.21**	**2.90**	**1.36**	**15.12**	**18.06**	**19.48**	**16.16**	**10.42**	**179.87**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<KTPP-I>
Tariff Filing Formats - Generation
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	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	
20	Form 15	Revenue Reconciliation	✓
21	Form 16	Summary of true-up	

TGGENCO
KTPP-I
Form 1: Summary Sheet

Rs.in Cr.

S. No.	Particulars	Units	Reference	FY 2023-24			Remarks
				MYT/Tariff Order	April-March	True-Up requirement	
				Approved	Audited	Claimed	
A	**Annual Fixed Charges**						
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	168.64	215.58	215.58	
2	Depreciation	Rs. Crore	Form 4	74.16	17.49	17.49	
3	Interest and finance charges on loan	Rs. Crore	Form 5	0.00	0.00	0.00	
4	Interest on Working Capital	Rs. Crore	Form 6	33.46	41.40	41.40	
5	Return on Equity	Rs. Crore	Form 7	143.61	158.39	158.39	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.00	26.55	26.55	
7	**Annual Fixed Charges**	**Rs. Crore**		419.87	406.31	406.31	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	3.509	3.219	3.219	
2	Scheduled Energy (ex-bus)	MU	Form 10	3521.31	3521.31	3521.31	
3	Energy Charges	Rs. Crore		1235.72	1133.64	1133.64	
C	**AFC +Energy Charges**	Rs. Crore		1655.59	1539.94	1539.94	

TGGENCO

KTPP-I

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

Rs.in Cr.

S. No.	Particulars	Reference	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1	136.03	182.32	182.32
2	A&G Expenses	Form 2.2	4.42	10.82	10.82
3	R & M Expenses	Form 2.3	29.89	22.44	22.44
4	Total O&M Expenses		**168.64**	**215.58**	**215.58**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO

KTPP-I

Form 2.1: Employee Expenses

Rs.in Cr.

S.No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Basic Salary	92.90
2	Dearness Allowance (DA)	7.91
3	House Rent Allowance	5.10
4	Conveyance Allowance	1.12
5	Leave Travel Allowance	0.00
6	Earned Leave Encashment	16.59
7	Other Allowances	17.40
8	Medical Reimbursement	1.31
9	Overtime Payment	0.00
10	Bonus/Ex-Gratia Payments	0.00
11	Interim Relief / Wage Revision	0.00
12	Staff welfare expenses	2.09
13	VRS Expenses/Retrenchment Compensation	0.00
14	Commission to Directors	0.00
15	Training Expenses	0.00
16	Payment under Workmen's Compensation Act	0.00
17	Net Employee Costs	**144.43**
18	Terminal Benefits	0.00
18.1	Provident Fund Contribution	10.21
18.2	Provision for PF Fund	0.00
18.3	Pension Payments	0.00
18.4	Gratuity Payment	27.69
19	Unfunded past liabilities of pension & gratuity	0.00
20	Others	0.00
21	**Gross Employee Expenses**	**182.32**
22	Less: Expenses Capitalised	0.00
23	**Net Employee Expenses**	**182.32**

TGGENCO

KTPP-I

Form 2.2: Administrative & General Expenses

Rs.in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Rent Rates & Taxes	0.39
2	Insurance	2.62
3	Telephone & Postage, etc.	0.14
4	Legal charges & Audit fee	0.11
5	Professional, Consultancy, Technical fee	0.04
6	Conveyance & Travel	0.08
7	Electricity charges	1.28
8	Water charges	0.00
9	Security arrangements	0.07
10	Fees & subscription	0.02
11	Books & periodicals	0.00
12	Computer Stationery	0.00
13	Printing & Stationery	0.02
14	Advertisements	0.07
15	Purchase Related Advertisement Expenses	0.00
16	Contribution/Donations	0.00
17	License Fee and other related fee	0.00
18	Vehicle Running Expenses Truck / Delivery Van	0.03
19	Vehicle Hiring Expenses Truck / Delivery Van	1.19
20	Cost of services procured	0.00
21	Outsourcing of metering and billing system	0.00
22	Freight On Capital Equipments	0.02
23	V-sat, Internet and related charges	0.00
24	Training	0.04
25	Bank Charges	0.00
26	Miscellaneous Expenses	0.00
27	Office Expenses	0.00
28	Others	4.69
29	**Gross A &G Expenses**	**10.82**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**10.82**

TGGENCO
KTPP-I
Form 2.3: Repair & Maintenance Expenses

Rs.In Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Plant & Machinery	17.60
2	Buildings	0.00
3	Civil Works	3.83
4	Hydraulic Works	0.00
5	Lines & Cable Networks	0.75
6	Vehicles	0.02
7	Furniture & Fixtures	0.00
8	Office Equipment	0.24
9	**Gross R&M Expenses**	[redacted]
10	Gross Fixed Assets at beginning of year	[redacted]
11	R&M Expenses as % of GFA at beginning of year	[redacted]

TGGENCO
KTPP-I
Form 3: Summary of Capital Expenditure and Capitalisation

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year		0.14	0.14
3	Capitalisation during the year		0.14	0.14
4	Closing Capital Works in Progress	0.00	0.00	0.00

TGSRTCO
KTPP-I
Form 3.7: Statement of Additional Capitalisation after COD

Rs.in Cr.

S. No.	FY	Name of the package (MTG, BoP, Civil Works etc.)	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 TSERC MYT Regulations, 2023 under which the capitalisation has been claimed	Justification
	FY 2023-24									
1										
2										
3										
					0.14	0.14				
	Total			0.86	0.14	0.14				

* Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.

TSGENCO::KTPP 1::2023-24-4801

Cost Ctr	Class	Asset Code	Asset Description	Cap.date	Acquisition	PO No
48019901	1300	1300002717	ADDITIONAL COAL HANDLING PLANT	31.03.2022	8,49,274.15	700014454
	100210 Total				8,49,274.15	
48015940	1800	1800005900	SLOTTED ANGLE RACK,6X3FTX15",SHELF-18 (3 Nos)	14.07.2023	52,928.16	4500025896
48011933	1800	1800005982	SLOTTED ANGLE RACK,6X3FTX15",SHELF-18	30.03.2024	4,190.72	4500025896
	100510 Total				57,118.88	
48019959	2100	2100001817	BIOMETRIC DEVICE4000FACE,FNG DET&CRD RED (6)	04.03.2024	2,54,880.00	4500032074
48019954	2100	2100001807	WATER PURIFIER,COOLER AQUA GUARD	10.02.2024	1,22,495.80	5200005967
48019959	2100	2100001753	CC TV Surveillance System	19.05.2023	46,699.99	4500029539
48011917	2100	2100001836	CC Cameras for ash sump area	15.03.2024	36,816.00	6300000289
48019956	2100	2100001834	GRINDER,WET,10L	23.01.2024	28,911.00	4500029745
48019901	2100	2100001828	Water Purifier System (RO+UV+UF+TDS) 7litres cap	21.03.2024	12,500.00	6300003342
48019901	2100	2100001805	Water Purifier System (RO+UV+UF+TDS) 7litres cap	27.02.2024	10,000.00	6300001722
48011931	2100	2100001773	FLAPEC KING AIR COOLER (2 No)	30.06.2023	9,600.00	6300000064
	100960 Total				5,21,901.79	
			GRAND TOTAL		14,28,295.82	

TGGENCO

KTPP-I

Form 3.2: Financing of Additional Capitalisation

Rs.in Cr.

S. No.	Particulars	FY 2023-24
		Actual
1	Additional capitalisation	0.14
2	**Financing Details**	
	Loan 1	
	Loan 2	
	...	
	Total Loan	0.00
3	Equity	
4	Internal Resources	0.14
5	Others (Please Specify)	
6	**Total (2+3+4+5)**	0.14

TGGENCO

KTPP-I

Form 4: Fixed Assets & Depreciation

(Rs. Crore)

S.No.	Asset Group	A/c Code	Rate of Depriciation	FY 2023-24									
				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	Land & Land Rights	1000	0	22.20	-	-	22.20	-	-	-	-	22.20	22.20
2	Land Deposits	1010		41.58			41.58					41.58	41.58
3	Buildings	1100	3.34%	142.69	-	-	142.69	95.52	2.53	-	98.05	47.17	44.63
4	Lines & Cable Network	1200	5.28%	165.50	-	-	165.50	146.34	0.20	-	146.54	19.16	18.96
5	Plant & Machinery	1300	5.28%	1,788.83	0.08	-	1,788.92	1,616.79	4.74	-	1,621.54	172.04	167.38
6	Capital Spares	1400	5.28%	27.45	-		27.45	8.68	1.44	-	10.13	18.76	17.32
7	Hydraulic Works	1500	5.28%	247.12	-	-	247.12	166.06	4.33	-	170.40	81.05	76.72
8	Other Civil Works	1600	3.34%	83.99	-	-	83.99	29.80	3.52	-	33.32	54.20	50.68
9	Vehicles	1700	9.50%	23.93	-	-	23.93	16.80	0.57	-	17.36	7.14	6.57
10	Furniture& Fixtures	1800	6.33%	1.52	0.01	-	1.53	1.27	0.02	-	1.28	0.26	0.25
11	Computers	1900	15%	2.48	0.00		2.48	1.88	0.08	-	1.96	0.60	0.52
12	Office Equipment	2100	6.33%	1.54	0.05	-	1.59	1.02	0.05	-	1.08	0.52	0.51
13	Intangible Assets	2200	15.00%			-	-			-	-	-	-
	Total		0.69%	2548.83	0.14	0.00	2548.97	2084.17	17.49	0.00	2101.66	464.66	447.31

TGGENCO

KTPP-I

Form 5: Interest and finance charges on loan

A. Normative Loan

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Balance of Gross Normative Loan		1784.18	1784.18
2	Cumulative Repayment till the year		2084.17	2084.17
3	Opening Balance of Net Normative Loan	0.00	0.00	0.00
4	Less: Reduction of Normative Loan due to retirement or replacement of assets			
5	Addition of Normative Loan due to capitalisation during the year1		0.10	0.10
6	Repayment of Normative loan during the year	74.16	17.49	17.49
7	Closing Balance of Net Normative Loan	-74.16	0.00	0.00
8	Closing Balance of Gross Normative Loan	-74.16	1766.79	1766.79
9	Average Balance of Net Normative Loan	-37.08	0.00	0.00
10	Weighted average Rate of Interest on actual Loans (%)		9.55%	9.55%
11	Interest	0.00	0.00	0.00
12	Finance charges			
13	Total Interest & Finance charges	0.00	0.00	0.00

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

Rs.in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	**Loan 1**	
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	0.00
	Interest	
	Finance charges	0.00
	Total Interest & Finance charges	
2	**Loan 2**	0.00
	Opening Balance of Loan	
	Addition of Loan during the year	
	Loan Repayment during the year	
	Closing Balance of Loan	
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	0.00
	Interest	
	Finance charges	0.00
	Total Interest & Finance charges	
	.....	0.00
	Total	
	Opening Balance of Loan	0.00
	Addition of Loan during the year	0.00
	Loan Repayment during the year	0.00
	Closing Balance of Loan	0.00
	Average Loan Balance	0.00
	Applicable Interest Rate (%)	0.00%
	Interest	0.00
	Finance charges	0.00
	Total Interest & Finance charges	0.00

TGGENCO

KTPP-I

Form 6: Interest on working capital

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Cost of coal, towards stock		92.25	92.25
2	Cost of coal for generation		92.25	92.25
3	Cost of secondary fuel oil		1.37	1.37
4	O&M expenses	14.05	17.97	17.97
5	Maintenance spares		43.12	43.12
6	Receivables1	204.11	256.66	256.66
	Less:			
7	Payables for Fuels2	102.98	92.92	92.92
8	Total Working Capital requirement	**115.19**	**410.68**	**410.68**
9	Interest rate		10.08%	10.08%
10	Interest on working capital	**33.46**	**41.40**	**41.40**

Note:

1). In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPP-I
Form 7: Return on Equity

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		764.649	764.649
2	Capitalisation during the year		0.14	0.14
3	Equity portion of capitalisation during the year	0.00	0.04	0.04
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	**0.00**	**764.69**	**764.69**
	Rate of Return on Equity			
6	Base rate of Return on Equity	15.50%	15.50%	15.50%
7	Effective Income Tax rate	17.78%	25.17%	25.17%
8	**Rate of Return on Equity**	**18.85%**	**20.71%**	**20.71%**
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**158.38**	**158.38**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.00**	**0.00**
11	**Total Return on Equity**	**143.61**	**158.39**	**158.39**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPP-I
Form 8: Non-Tariff Income

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	CURRENT CONSUMPTION CHARGES		0.19	0.19
2	INCOME FROM SALE OF ASH		20.57	20.57
3	INCOME FROM SALE OF COAL REJECTS		0.53	0.53
4	INCOME FROM SALE OF SCRAP		0.84	0.84
5	INTEREST INCOME ON EMPLOYEES - Ind AS		-	-
6	INTEREST INCOME ON SD		-	-
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.06	0.06
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.12	0.12
10	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.03	0.03
12	OTHER INCOME - CONSULTANCY PROJECTS		0.01	0.01
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.19	0.19
14	OTHER RECEIPTS FROM CONTRACTORS		-	-
15	OTHER RECEIPTS FROM STAFF		-	-
16	OTHER RENTAL OR LETTING OUT		0.02	0.02
17	PENALITIES RECOVERED FROM CONTRACTORS		0.01	0.01
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.06	0.06
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.02	0.02
20	SALE OF TENDER SPECIFICATIONS		0.01	0.01
21	VENDOR REGISTRATION FEE		0.00	0.00
22	WATER CHARGES		3.91	3.91
	Total	0.00	26.55	26.55

Kakatiya Thermal Power Project (1x500MW) & (1x600MW)

Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2023-24 April-March Actual
1	**Unit 1 / KTPP-Stage - I (500 MW)**	
A.	**Planned Outages**	
	No of days of outage	NIL
	Period of Outage	NIL
	Reasons for Outage	NIL
B.	**Forced Outages**	
	No of days of outage	8
	Period of Outage	10.1
	Reasons for Outage	243
2	**Unit 2/ KTPP-Stage - II (600 MW)**	Enclosed
A.	**Planned Outages**	
	No of days of outage	NIL
	Period of Outage	NIL
	Reasons for Outage	NIL
B.	**Forced Outages**	
	No of days of outage	8
	Period of Outage	15.58
	Reasons for Outage	374:04:00
		Enclosed

Note:
AOH: Annual Overhuals
COH: Capital Overhauls

KAKATIYA THERMAL POWER PROJECT-STAGE-I (1X500 MW)

FY 2023-24

TRIP NO.	From Date DD/MM/YY	Time Hrs.Min	To Date DD/MM/YY	Time Hrs.Min	Trip Duration Hrs.Min	Details of outage with root cause
1	09.04.2023	3.58	13.04.2023	20.29	112.31	Unit hand tripped due to Boiler Divisional panel Superheater tube leak
2	05.05.2023	9.43	06.05.2023	22.36	36.53	Unit hand tripped due to Boiler Reheater Rear coil tube leak
3	03.08.2023	9.24	06.08.2023	5.56	68.32	Unit hand tripped due to Boiler Reheater Rear coil tube leak
4	19.09.2023	7.00	20.09.2023	23.11	40.11	Unit hand tripped due to Boiler Reheater Rear coil tube leak.
5	09.10.2023	3.37	10.10.2023	14.24	34.47	Unit hand tripped due to Boiler Economiser Upper Zone tube leak.
6	10.10.2023	21.04	11.10.2023	20.33	23.29	Unit hand tripped due to Primary water leak at Generator
7	26.10.2023	5.25	27.10.2023	13.57	32.32	Unit tripped on Generator Transformer backup earth fault protection
8	15.03.2024	20.5	17.03.2024	16.55	44.05	Unit hand tripped due to boiler rear side Water wall tube leak near S-Panel area at 8.5 mtrs.
					374:04:00	

TGGENCO

KTPP-I

Form 10: Operational parameters

S. No.	Particulars	Units	FY 2023-24			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Audited	Claimed	
1	Installed Capacity	MW	500			
	COD		14.09.2010			
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit head			
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	80	80	80	
2.2	Actual/Projected Availability	%		92.53	92.53	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	80	80	80	
3.2	Actual/Projected PLF	%		85.35	85.35	
4	**Gross Generation**					
4.1	Scheduled Generation	MU		3521.31	3521.31	
4.2	Actual/Projected Gross Generation	MU		3748.54	3748.54	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	7.5	7.5	7.5	
5.2	Actual/Projected Auxiliary Energy Consumption	%		6.06	6.06	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		227.23	227.23	
5.4	Net Generation	MU		3521.31	3521.31	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	2450	2450	2450	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2347	2347	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	2	2	2	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.334	0.334	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%		0.8	0.8	

TGGENCO

KTPP-I

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	Opening Quantity																			
1	Opening quantity of coal	MT	70612	88179	105140	89560	3366	4116	92819	63211	125044	75358	35317	18950	24903	34996	44322	45097	64735	90401
2	Value of stock	Rs in Crs	35.94	36.95	61.70	59.31	1.97	2.22	15.96	35.29	76.54	45.60	22.18	9.96	13.10	19.92	26.19	26.56	38.84	52.35
B	Procurement																			
3	Quantity of coal supplied by the coal company	MT	183230	206812	148240	103665	178714	212963	210972	146230	82361	125928	152398	171770	183880	170971	151864	181442	183922	143811
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	183230.3	206812	148239.92	103665.06	178714.06	212963.2	210972.4	146230.2	82361.06	125928.6	152398.4	171770.42	183880.7	170971.78	151864.18	181442	183922.2	143811.2
6	Normative transit and handling loss	MT	1466	1654	1170	829	1430	1704	1688	1170	659	1007	1219	1374	1471	1368	1215	1452	1471	1150
7	Net coal supplied	MT	181764.458	205157.9	145070	102835.74	177284.65	211259.5	209284.6	145060.3	81702.191	124918.2	151179.2	170396.25	182409.7	169604.01	150649.27	179990.4	182450.9	142660.7
C	Price																			
8	Amount charged by coal company	Rs in Crs	101.01	130.58	103.06	54.29	96.12	103.40	119.50	91.66	48.60	73.87	78.92	96.07	102.58	98.12	87.89	100.06	107.68	69.94
9	Adjustment in amount charged by the coal company	Rs in Crs	-7.83	-13.60	-3.15	-3.61	-8.55	-9.14	-7.62	-3.21	-3.01	-10.26	-3.19	-9.78	-3.46	-2.37	-3.46	-1.71	-10.19	-5.57
10	Handling, sampling and such other similar charges	Rs in Crs	0.13	0.13	0.14	0.26	0.43	0.37	0.23	0.18	0.14	0.26	0.15	0.54	0.14	0.16	0.19	0.17	0.25	0.16
11	Total amount charged (8+9+10)	Rs in Crs	93.31	117.14	100.06	50.74	88.00	94.63	111.91	88.56	45.92	63.87	75.88	86.83	99.25	95.91	84.62	99.12	97.74	64.53
D	Transportation																			
12	Transportation charges																			
	By rail	Rs in Crs																		
	By road	Rs in Crs	7.71	6.31	3.93	2.60	7.47	7.81	7.73	3.51	3.20	4.64	4.01	5.26	5.29	5.96	4.01	5.33	7.73	3.64
	By ship	Rs in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	7.71	6.31	3.93	2.60	7.47	7.81	7.73	3.51	3.20	4.64	4.01	5.26	5.29	5.96	4.01	5.33	7.73	3.64
17	Total amount charged for coal supplied including transportation (11+16)	Rs in Crs	101.02	123.45	103.99	53.33	95.46	102.44	119.64	92.08	49.12	68.51	77.89	92.12	104.54	100.97	88.63	104.44	105.47	68.17
E	Total Cost																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	5420.24	5968.48	6022.02	5854.64	5393.43	4659.21	5690.19	6121.26	6078.03	5707.86	5267.22	5391.14	5631.22	5938.40	5888.90	5820.02	5791.10	5171.36
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	Quality																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as billed	kcal/kg	4311	4325	5109	3733.00	3690.00	3724.00	4244	4450	4265	4462	3863	4034	4147	4101	4214	4043	4210	3435
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg																		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg																		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	3796.00	4365.00	4270.00	3798.00	3977.00	3337.00	3987.00	4254.00	3998.00	3913.00	3829.00	3027.00	3334.00	3752.00	3575.00	3588.00	3342.00	3048.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited

KTPP-I & II

Form 11.1: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	Opening Quantity																			
1	Opening quantity of oil	KL	1510	1623	1638	1620	1492	1994	2034	1895	2025	2044	2090	2089	2049	1992	2022	1967	1943	1849
2	Value of stock	Rs in Crs	9.72	10.41	10.35	10.35	9.34	12.92	13.46	12.71	13.63	13.64	14.07	14.01	13.71	12.67	13.64	12.66	13.11	12.45
B	Procurement																			
3	Quantity of oil supplied by the oil company	KL	224	250	0	606	723	369	395	254	259	55	0	25	0	203	48	193	377	131
4	Adjustment in oil quantity supplied by the oil company	KL																		
5	oil supplied by oil company (3+4)	KL																		
6	Normative transit and handling loss	KL																		
7	Net oil supplied	KL																		
C	Price																			
8	Amount charged by oil company	Rs in Crs	1.44	1.49	0.00	3.88	4.76	2.72	2.91	1.83	1.53	0.44	0.00	0.15	0.00	1.37	0.34	1.29	2.58	0.82
9	Adjustment in amount charged by the oil company	Rs in Crs																		
10	Handling, stamping and such other similar charges	Rs in Crs																		
11	Total amount charged (8+9+10)	Rs in Crs	1.44	1.49	0.00	3.88	4.76	2.72	2.91	1.83	1.53	0.44	0.00	0.15	0.00	1.37	0.34	1.29	2.58	0.82
D	Transportation																			
12	Transportation charges																			
	By rail	Rs in Crs																		
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
13	Adjustment in amount charged by the oil transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting oil through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs																		
17	Total amount charged for oil supplied including transportation (11+16)	Rs in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	Total Cost																			
18	Landed cost of oil (2+17)/(1+7)	Rs/KL	1.44	1.49	0.00	3.88	4.76	2.72	2.91	1.83	1.53	0.44	0.00	0.15	0.00	1.37	0.34	1.29	2.58	0.82
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of oil for preceding three months	Rs/KL	64397	63534	63259	63440	64556	66194	67367	67653	68964	67869	67070	67005	67027	67321	67492	67722	67659	67048
F	Quality																			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/litre																		
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/litre																		
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/litre																		
24	GCV of Imported Oil supplied as per bill Oil Company	Kcal/litre																		
25	Weighted average GCV of Oil as billed	Kcal/litre																		
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/litre																		
27	GCV of Domestic Oil supplied as received at Station	Kcal/litre																		
28	GCV of Imported Oil of opening stock as received at Station	Kcal/litre																		
29	GCV of Imported Oil supplied as received at Station	Kcal/litre																		
30	Weighted average GCV of Oil as Received	Kcal/litre	GCV DETAILS TO BE FURNISHED BY COAL & COMMERCIAL																	

Note

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

TGGENCO

KTPP-I

Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	7.5	6.06	6.06
Gross Station Heat Rate	GSHR	kcal/kWh	2450	2347	2347
Secondary Fuel oil consumption	SFC	ml/kWh	2	0.33	0.33
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9390	9390	9390
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.07	0.07	0.07
Gross Calorific Value of Coal	CVPF	kcal/kg	4023.58	4023.58	4023.58
Landed Price of Coal	LPPF	Rs./kg	5.15	5.15	5.15
Specific Coal Consumption		kg/kWh	0.60	0.58	0.58
Coal Rate		**Rs./kWh**	3.367	3.196	3.196
Oil Rate		**Rs./kWh**	0.142	0.023	0.023
ECR		**Rs./kWh**	**3.509**	**3.219**	**3.219**

TGGENCO
KTPP-I
Form 13: Sales

FY 2023-24
Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	179.80	206.04	217.87	215.41	205.39	195.89	199.97	211.23	212.26	224.57	203.27	212.57	2484.29
TGNPDCL (29.45%)	75.06	86.01	90.95	89.92	85.73	81.77	83.48	88.18	88.61	93.75	84.85	88.73	1037.03
Total	254.86	292.05	308.82	305.33	291.12	277.66	283.45	299.41	300.87	318.32	288.12	301.31	3521.32

FY 2023-24
Audited

TGGENCO
KTPP-I
Form 15: Revenue Reconciliation

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
2	Availability during the month (%)	%	84.95	95.09	100.00	92.38	85.64	84.54	83.26	96.24	96.40	99.87	100.00	92.24	92.53
3	Cumulative Availability (%)	%	84.95	90.10	93.45	93.18	91.65	90.49	89.44	90.28	90.97	91.87	92.64	92.61	
4	Target PLF for Incentive	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
5	Actual PLF during the month (%)	%	75.68	83.70	91.27	87.32	83.11	82.26	81.42	88.38	86.06	90.85	87.96	86.24	
6	Cumulative PLF (%)	%	75.68	79.76	83.55	84.51	84.22	83.90	83.54	84.14	84.35	85.01	85.27	85.35	
7	Gross Generation (MU)	MU	272.45	311.38	328.55	324.81	309.17	296.14	302.87	318.17	320.13	337.95	306.11	320.80	3748.53
8	Auxiliary Consumption (MU)	MU	17.59	19.33	19.74	19.49	18.06	18.48	19.43	18.76	19.26	19.63	17.99	19.49	227.25
9	Net Generation (MU)	MU	**254.86**	**292.05**	**308.81**	**305.32**	**291.11**	**277.66**	**283.44**	**299.41**	**300.87**	**318.32**	**288.12**	**301.31**	**3521.28**
10	Generation above target PLF (MU)	MU	-33.14	-5.55	20.81	7.72	-6.49	-10.34	-14.16	11.41	3.27	20.72	9.72	3.71	7.68
11	Variable Charges Per Unit	Rs./kWh	3.020	3.020	3.020	3.020	3.020	3.020	3.020	3.020	3.020	3.020	3.020	3.020	
12	Approved Fixed Charges	Rs. Crore	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	419.87
13	Fuel Surcharge	Rs./kWh	3.682	3.410	3.260	3.431	3.425	3.621	3.517	3.595	3.608	3.433	3.512	3.660	
14	Fixed Charges During Month	Rs. Crore	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	34.99	419.87
15	Energy Charges Amount	Rs. Crore	76.97	88.20	93.26	92.21	87.92	83.85	85.60	90.42	90.86	96.13	87.01	90.99	1063.44
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	16.86	11.39	7.40	12.53	11.79	16.70	14.09	17.23	17.70	13.15	14.16	19.28	172.29
17	Incentive Amount	Rs. Crore													13.56
18	**Revenue from sale of electricity**	Rs. Crore	128.82	134.58	135.65	139.73	134.70	135.54	134.68	142.64	143.55	144.27	136.17	145.26	1669.15
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**-56.85**
-	Fixed charges disallowed as per TGSLDC Availability	Rs. Crore													**0.00**
-	Water charges	Rs. Crore													**1.83**
-	Fixed charges reduced prorata to actual capitalisation	Rs. Crore													**0.00**
20	**Total Revenue**	Rs. Crore	**128.82**	**134.58**	**135.65**	**139.73**	**134.70**	**135.54**	**134.68**	**142.64**	**143.55**	**144.27**	**136.17**	**145.26**	**1614.13**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<KTPP-II>
Tariff Filing Formats - Generation
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	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	✓
20	Form 15	Revenue Reconciliation	
21	Form 16	Summary of true-up	✓

TGGENCO
KTPP-II
Form 1: Summary Sheet

Rs.in Cr.

S. No.	Particulars	Units	Reference	FY 2023-24			Remarks
				MYT/Tariff Order	April-March	True-Up requirement	
A	**Annual Fixed Charges**			Approved	Audited	Claimed	
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	189.93	258.69	258.69	
2	Depreciation	Rs. Crore	Form 4	180.11	194.41	194.41	
3	Interest and finance charges on loan	Rs. Crore	Form 5	120.73	129.47	129.47	
4	Interest on Working Capital	Rs. Crore	Form 6	42.74	55.77	55.77	
5	Return on Equity	Rs. Crore	Form 7	215.68	233.98	233.98	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.00	31.86	31.86	
7	**Annual Fixed Charges**	**Rs. Crore**		749.19	840.46	840.46	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	3.426	3.240	3.240	
2	Scheduled Energy (ex-bus)	MU	Form 10	4219.00	4219.00	4219.00	
3	Energy Charges	Rs. Crore		1445.26	1366.84	1366.84	
C	**AFC +Energy Charges**	Rs. Crore		2194.45	2207.30	2207.30	

TGGENCO

KTPP-II

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

Rs.in Cr.

S. No.	Particulars	Reference	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1	154.09	218.78	218.78
2	A&G Expenses	Form 2.2	4.96	12.99	12.99
3	R & M Expenses	Form 2.3	32.80	26.92	26.92
4	Total O&M Expenses		**189.93**	**258.69**	**258.69**

Note:

1 The projections for the Control Period to be supported by detailed computations

TGGENCO
KTPP-II
Form 2.1: Employee Expenses

S.No.	Particulars	Rs.in Cr. FY 2023-Apr-Mar Audited
1	Basic Salary	111.48
2	Dearness Allowance (DA)	9.49
3	House Rent Allowance	6.12
4	Conveyance Allowance	1.34
5	Leave Travel Allowance	0.00
6	Earned Leave Encashment	19.91
7	Other Allowances	20.88
8	Medical Reimbursement	1.58
9	Overtime Payment	0.00
10	Bonus/Ex-Gratia Payments	0.00
11	Interim Relief / Wage Revision	0.00
12	Staff welfare expenses	2.51
13	VRS Expenses/Retrenchment Compensation	0.00
14	Commission to Directors	0.00
15	Training Expenses	0.00
16	Payment under Workmen's Compensation Act	0.00
17	Net Employee Costs	**173.31**
18	Terminal Benefits	0.00
18.1	Provident Fund Contribution	12.25
18.2	Provision for PF Fund	0.00
18.3	Pension Payments	0.00
18.4	Gratuity Payment	33.22
19	Unfunded past liabilities of pension & gratuity	0.00
20	Others	0.00
21	**Gross Employee Expenses**	**218.78**
22	Less: Expenses Capitalised	0.00
23	**Net Employee Expenses**	**218.78**

TGGENCO

KTPP-II

Form 2.2: Administrative & General Expenses

S. No.	Particulars	Rs.in Cr. FY 2023-24 Apr-Mar Audited
1	Rent Rates & Taxes	0.46
2	Insurance	3.15
3	Telephone & Postage, etc.	0.17
4	Legal charges & Audit fee	0.14
5	Professional, Consultancy, Technical fee	0.05
6	Conveyance & Travel	0.10
7	Electricity charges	1.53
8	Water charges	0.00
9	Security arrangements	0.08
10	Fees & subscription	0.02
11	Books & periodicals	0.00
12	Computer Stationery	0.00
13	Printing & Stationery	0.02
14	Advertisements	0.09
15	Purchase Related Advertisement Expenses	0.00
16	Contribution/Donations	0.00
17	License Fee and other related fee	0.00
18	Vehicle Running Expenses Truck / Delivery Van	0.03
19	Vehicle Hiring Expenses Truck / Delivery Van	1.43
20	Cost of services procured	0.00
21	Outsourcing of metering and billing system	0.00
22	Freight On Capital Equipments	0.02
23	V-sat, Internet and related charges	0.00
24	Training	0.05
25	Bank Charges	0.00
26	Miscellaneous Expenses	0.00
27	Office Expenses	0.00
28	Others	5.63
29	**Gross A &G Expenses**	**12.99**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**12.99**

TGGENCO

KTPP-II

Form 2.3: Repair & Maintenance Expenses

Rs.in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Plant & Machinery	21.12
2	Buildings	0.00
3	Civil Works	4.59
4	Hydraulic Works	0.00
5	Lines & Cable Networks	0.90
6	Vehicles	0.02
7	Furniture & Fixtures	0.00
8	Office Equipment	0.29
9	**Gross R&M Expenses**	**26.92**
10	Gross Fixed Assets at beginning of year	**3761.27**
11	R&M Expenses as % of GFA at beginning of year	**0.72%**

TGGENCO

KTPP-II

Form 3: Summary of Capital Expenditure and Capitalisation

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year		8.19	8.19
3	Capitalisation during the year		8.19	8.19
4	Closing Capital Works in Progress	0.00	0.00	0.00

TGGENCO

KTPP-II

Form 3.1: Statement of Additional Capitalisation after COD

Rs.in Cr.

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	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 TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	FY 2023-24									
1			AHP Ash pond, ACHP, Compressed air system		1.56	1.56				
2			Pump, W/o Motor, 21.5MPA, 450KW, MDL: LXL2WJ003		4.90	4.90				1. 03Nos of BCW pumps are installed in 600MW Boiler in which 02 pumps are in service for full load and 01 pump is in standby condition. 2. Boiler Circulating Water Pumps are critical in nature as these Pumps are designed for high temperature and high pressure to circulate water within the boiler to enhance the boiler operation. BCW pumps take suction from a header that is connected to down comers from the bottom of the boiler drum and discharge through additional tube circuits. It means the water pumped is at boiler temperature and pressure. 3. It is essential to procure spare Boiler Circulating Water Pump for one to one replacement during emergency conditions. 4. The Boiler Circulating Water pump-C is running with low IR value and may fail at any time, this may lead to Generation loss.
3			Other civil Works for Colony		1.70	1.70				
			Office use Items		0.03	0.03				
	Total			0.00	0.00	0				
					8.19	8.19				

* Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.

PO No: 4600000027

TELANGANA STATE POWER GENERATION CORPORATION LTD

(A Government of Telangana Undertaking)
CORPORATE OFFICE VIDYUT SOUDHA, HYDERABAD
Website:www.tsgenco.co.in

From :
Chief Engineer (Generation)
A- Block ,TGGENCO,Vidyut Soudha
Hyderabad-500082
Hyderabad(Dt)
Telangana
Phone :040 #23499182

GSTIN : 36AAFCT0257Q3ZT
CST No. : 36280126964(CENTRAL)

To :
M/s V-FLO PUMPS & SYSTEMS CO.LTD.
5TH FLOOR EAST, JIAHUIYUAN, HUAAO CENTER,31
ZIZHUYUAN ROAD,HAIDIAN,
BEIJING 100089
Phone No:+86-10-88580010
Mobile No:+86-10-88580150

Vendor Code : 300045

Lr.No.CEG/SEG-I/E3A7/KTPP-II/F.BCW PUMP/D.No. 160 /23, Dt.18.04.2023

AMENDMENT No (3)

Sir / Madam

Sub : TSGENCO - KTPP-II (1x600MW) - Supply of Boiler Circulating Water Pump Model No.LXL2-WJ-003 for 1x600MW Unit of Kakatiya Thermal Power Project Stage-II - Amendment Order-3 - Issued - Reg.

Ref : 1. PO. No.4600000027 CE/GEN/SE/GEN-1/EME-4/D13/2020-21//DT.31.03.2021
2. Amendment-1 Lr.No.CEG/SEG-I/E4A1/KTPP-II/F.BCW Pump/D.No.221/21, Dt.07.08.2021
3. Amendment-2 Lr.No.CEG/SEG-I/E3A7/KTPP-II/F.BCW Pump/D.No.412/22, Dt.02.12.2022
4. Letter of M/s. V-Flo Pumps & Systems Co. Ltd., China, Dt.13.04.2023

This has reference to the Purchase Order No.4600000027, Dt.31.03.2021 and subsequent correspondence at ref (2) to (4) above for "Supply of Boiler Circulating Water Pump Model No.LXL2-WJ-003 for 1x600MW Unit of Kakatiya Thermal Power Project Stage-II" at a Basic Price of USD 461570/- (United States Dollar Four Hundred Sixty One Thousand Five Hundred Seventy Only). The following clauses of the subject Purchase Order are hereby amended as shown follows.

Clause No.11 - Delivery:
As a special case, Delivery period is extended due to Force Majeure of Covid-19 and Floods in China, as per the request of the firm. The validity of LC (Letter of Credit) is 180 days. Hence, it is requested to deliver the material within 150 days from the date of opening the Usance Letter of Credit (LC). The date of Bill of Lading (BL) is considered as the date of delivery.

Clause No.12 - Payment Terms:
90% amount (after deducting 10% amount towards Performance Guarantee) will be paid through Irrevocable Usance Letter of Credit against presentation of shipping documents (i.e. Bill of Lading & Packing List etc.). Usance Letter of Credit (LC) will be opened 150 days prior to shipment, with interest free 30 days usance period, valid for 180 days. Payment shall be released by bank through irrevocable Usance Letter of Credit. The supplier shall submit the invoice for 100% bill amount and show the net amount for 90% of the invoice amount for opening the LC, duly deducting 10% towards Performance Guarantee of the equipment. Usance period will be considered from the date of Bill of Lading. The supplier shall submit the required documents to the bank for payment of LC (Letter of Credit). The bank charges inside India are chargeable to TSGENCO account and outside India are chargeable to supplier's account.

Note: All other terms & conditions of the PO remain unaltered.

Yours faithfully

Chief Engineer (Generation)

Copy to:
1. The Chief Engineer (O&M), Kakatiya Thermal Power Project, Chelpur (V), Ghanpur (M), Jayashankar Bhupalapally (Dist.)-506170.
2. The Chief Engineer/Quality Control, Room No 306, TSGENCO Building, GTS Colony, Kalyan Nagar, Hyderabad-500045.
3. The Senior Accounts Officer/Pay & Accounts, TSGENCO, Vidyut Soudha, Hyderabad.
4. The Senior Accounts Officer(O&M), Kakatiya Thermal Power Project, Chelpur (V), Ghanpur (M), Jayashankar Bhupalapally (Dist.)-506170.
5. The Divisional Engineer (Stores), Kakatiya Thermal Power Project, Chelpur (V), Ghanpur (M), Jayashankar Bhupalapally (Dist.)-506170.
6. M/s. Balmer Lawrie & Co Ltd., Logistic Services Division, 301, Regency House, 680, Somajiguda, Hyderabad-500082. Ph.No.040-23404556/2390/0250 23415272/8638, Fax No.040-23400958, E-mail: blms_hyd@balmerlawrie.net.

Annexure - I

Lr.No.CEG/SEG-I/E3A7/KTPP-II/F.BCW PUMP/D.No. 160 /23, Dt.18.04.2023

S.No.	Material Code (HSN) Description	Qty	UOM	Unit Price	Per	Total Value
1	100156163 (8413709990)	1	NO	461570.00 USD	1	461570.00
	BOILER CIRCULATING WATER PUMP ALONG WITH MOTOR,Casing and Heat Exchanger as per existing V-flo make pump (Model no: LXL2-WJ-003) (Pump must be 1:1 inter changeable with installed pump casing and output parameters must match with installed pump output parameters) TECHNICAL DETAILS:DESIGNED PRESSURE:21.5MPA, WATER PRESSURE TESTED :32.25MPA,PUMP AND HEAT SHIELD TEMP.:371DEGREE CENTIGRADE, MOTOR BODY TEMPERATURE:343 DEGREE CENTIGRADE, HIGH PRESSURE COOLING SYSTEM TEMPERATURE:175DEGREE CENTIGRADE. PUMP DETAILS: PUMP TYPE:LXL2,INNER DIA OF SUCTION NOZZLE:410.8MM, INNER DIA OF DISCHARGE NOZZLE:301.2MM, HIGHEST ALLOWED TEMP. BETWEEN SHELL AND BOILER WATER :56DEGREE CENTIGRADE.MOTOR DETAILS: MOTOR MODEL:M54/98.4-45-335, VOLTAGE:3300V, PHASE:3,FREQUNCY:50HZ, RATING:450KW,SPEED:1472RPM, RUNNING COEFFICIENT:1, CURRENT:109A, STARTING CURRNET:654A, STARTING TIME:1SEC.INSULATION: RADIATE CROSS LINKAGE POLYETHYLENE INSULATED MATERIAL, INSULATION GRADE:Y, MIN. STARTING TEMP. 4DEGREE CENTIGRADE					
				Total Amount		**:USD 461,570.00**

Total Amount in Words : United States Dollar Four Hundred Sixtyone Thousand Five Hundred Seventy

Chief Engineer (Generation)

TGGENCO

KTPP-II

Form 3.2: Financing of Additional Capitalisation

Rs.in Cr.

S. No.	Particulars	FY 2023-24
		Actual
1	Additional capitalisation	8.19
2	**Financing Details**	
	Loan 1	
	Loan 2	
	...	
	Total Loan	
		0.00
3	Equity	
4	Internal Resources	
5	Others (Please Specify)	8.19
6	**Total (2+3+4+5)**	
		8.19

TGGENCO

KTPP-II

Form 4: Fixed Assets & Depreciation

(Rs. Crore)

S.No.	Asset Group	A/c Code	Rate of Depriciation	FY 2023-24									
				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	Land & Land Rights	1000	0	-	-	-	-	-	-	-	-	-	-
2	Land Deposits	1010					-				-	-	-
3	Buildings	1100	3.34%	214.81	-	-	214.81	32.77	7.17	-	39.94	182.04	174.86
4	Lines & Cable Network	1200	5.28%	68.39	-	-	68.39	28.38	3.61	-	31.99	40.01	36.40
5	Plant & Machinery	1300	5.28%	2,754.23	1.56		2,755.79	906.54	145.66		1,052.20	1,847.69	1,703.60
6	Capital Spares	1400	5.28%	167.80	4.90	-	172.70	62.74	8.86	-	71.60	105.05	101.09
7	Hydraulic Works	1500	5.28%	543.04	-	-	543.04	243.64	28.67	-	272.32	299.40	270.72
8	Other Civil Works	1600	3.34%	12.55	1.70	-	14.25	2.30	0.42	-	2.72	10.25	11.53
9	Vehicles	1700	9.50%	-	-	-	-	-	-	-	-	-	-
10	Furniture& Fixtures	1800	6.33%	0.20	0.03	-	0.23	0.13	0.01	-	0.14	0.07	0.10
11	Computers	1900	15%	0.20	-	-	0.20	0.18	0.00	-	0.18	0.02	0.02
12	Office Equipment	2100	6.33%	0.05	-	-	0.05	0.02	0.00	-	0.02	0.03	0.03
13	Intangible Assets	2200	15.00%	-	-	-	-	-	-		-	-	-
	Total		5.16%	3761.27	8.19	0.00	3769.46	1276.70	194.41	0.00	1471.11	2484.57	2298.35

TGGENCO

KTPP-II

Form 5: Interest and finance charges on loan

A. Normative Loan

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Balance of Gross Normative Loan		2632.89	2632.89
2	Cumulative Repayment till the year		1276.70	1276.70
3	Opening Balance of Net Normative Loan		**1356.19**	**1356.19**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets			
5	Addition of Normative Loan due to capitalisation during the year1		5.73	5.73
6	Repayment of Normative loan during the year		194.41	194.41
7	Closing Balance of Net Normative Loan		**1167.51**	**1167.51**
8	Closing Balance of Gross Normative Loan		**2444.21**	**2444.21**
9	Average Balance of Net Normative Loan		**1261.85**	**1261.85**
10	Weighted average Rate of Interest on actual Loans (%)		10.26%	10.26%
11	Interest		**129.47**	**129.47**
12	Finance charges			
13	Total Interest & Finance charges	**120.73**	**129.47**	**129.47**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

Rs.in Cr.

S. No.	Particulars	FY 2023-24
		Apr-Mar
		Audited
1	**Loan 1-REC**	
	Opening Balance of Loan	1289.27
	Addition of Loan during the year	0
	Loan Repayment during the year	253.63
	Closing Balance of Loan	**1035.64**
	Average Loan Balance	1175.60
	Applicable Interest Rate (%)	10.27
	Interest	120.75
	Finance charges	0
	Total Interest & Finance charges	**120.75**
2	**Loan 2-Andhra Bank (Now Union Bank of India)**	
	Opening Balance of Loan	33.46
	Addition of Loan during the year	0
	Loan Repayment during the year	33.46
	Closing Balance of Loan	**0.00**
	Average Loan Balance	**13.54**
	Applicable Interest Rate (%)	9.82
	Interest	**1.33**
	Finance charges	0
	Total Interest & Finance charges	**1.33**
	.....	
	Total	
	Opening Balance of Loan	**1322.73**
	Addition of Loan during the year	**0.00**
	Loan Repayment during the year	**287.09**
	Closing Balance of Loan	**1035.64**
	Average Loan Balance	**1189.25**
	Applicable Interest Rate (%)	**10.26**
	Interest	**122.08**
	Finance charges	**0**
	Total Interest & Finance charges	**122.08**

TGGENCO

KTPP-II

Form 6: Interest on working capital

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Cost of coal, towards stock		111.32	111.32
2	Cost of coal for generation		111.32	111.32
3	Cost of secondary fuel oil		1.45	1.45
4	O&M expenses	15.83	21.56	21.56
5	Maintenance spares		51.74	51.74
6	Receivables1	270.55	367.88	367.88
	Less:			
7	Payables for Fuels2	120.44	112.04	112.04
8	Total Working Capital requirement	**165.94**	**553.24**	**553.24**
9	Interest rate		10.08%	10.08%
10	Interest on working capital	**42.74**	**55.77**	**55.77**

Note:

1). In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
KTPP-II
Form 7: Return on Equity

Rs.in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		1128.381	1128.381
2	Capitalisation during the year		8.19	8.19
3	Equity portion of capitalisation during the year	0.00	2.46	2.46
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	**0.00**	**1130.84**	**1130.84**
	Rate of Return on Equity			
6	Base rate of Return on Equity	15.50%	15.50%	15.50%
7	Effective Income Tax rate	17.78%	25.17%	25.17%
8	**Rate of Return on Equity**	**18.85%**	**20.71%**	**20.71%**
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**233.72**	**233.72**
10	Return on Regulatory Equity addition during the year	**0.00**	**0.25**	**0.25**
11	**Total Return on Equity**	**215.68**	**233.98**	**233.98**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
KTPP-II
Form 8: Non-Tariff Income

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	CURRENT CONSUMPTION CHARGES		0.22	0.22
2	INCOME FROM SALE OF ASH		24.68	24.68
3	INCOME FROM SALE OF COAL REJECTS		0.63	0.63
4	INCOME FROM SALE OF SCRAP		1.01	1.01
5	INTEREST INCOME ON EMPLOYEES - Ind AS		-	-
6	INTEREST INCOME ON SD		-	-
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.07	0.07
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.14	0.14
10	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.04	0.04
12	OTHER INCOME - CONSULTANCY PROJECTS		0.01	0.01
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.23	0.23
14	OTHER RECEIPTS FROM CONTRACTORS		-	-
15	OTHER RECEIPTS FROM STAFF		-	-
16	OTHER RENTAL OR LETTING OUT		0.02	0.02
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.02	0.02
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.07	0.07
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.02	0.02
20	SALE OF TENDER SPECIFICATIONS		0.01	0.01
21	VENDOR REGISTRATION FEE		0.00	0.00
22	WATER CHARGES		4.69	4.69
	Total	**0.00**	**31.86**	**31.86**

Kakatiya Thermal Power Project (1x500MW) & (1x600MW)

Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2023-24 April-March Actual
1	**Unit 1 / KTPP-Stage - I (500 MW)**	
A.	**Planned Outages**	
	No of days of outage	NIL
	Period of Outage	NIL
	Reasons for Outage	NIL
B.	**Forced Outages**	8
	No of days of outage	10.1
	Period of Outage	243
	Reasons for Outage	Enclosed
2	**Unit 2/ KTPP-Stage - II (600 MW)**	
A.	**Planned Outages**	
	No of days of outage	NIL
	Period of Outage	NIL
	Reasons for Outage	NIL
B.	**Forced Outages**	8
	No of days of outage	15.58
	Period of Outage	374:04:00
	Reasons for Outage	Enclosed

Note:
AOH: Annual Overhuals
COH: Capital Overhauls

TRIPPINGS DURING FY 2023-24 of KTPP Stage-II(1x600 MW) (Upto MARCH-2024)						
TRIP NO.	Trip		Syncronisation		DURATION	Details of outage with root cause
	Date	Time	Date	Time		
	DD/MM/YY	Hrs.Min	DD/MM/YY	Hrs.Min	Hrs.Min	
1	5/18/2023	11:25	5/19/2023	21:19	33:54	Unit hand tripped due to boiler Steam cooled left wall tube leak.
2	7/13/2023	9:05	7/15/2023	12:25	51:20	Unit hand tripped due to Divisional super heater tube leak.
3	7/22/2023	23:31	7/25/2023	4:33	53:02	Unit hand tripped due to Reheater tube leak.
4	7/27/2023	11:41	7/28/2023	11:45	24:04	As per instructions from TSLDC, Unit was declared Reserve shut down from 06.00 hrs on 27.07.2023 to 11.45 hrs on 28.07.2023.Load reduction started & Unit hand tripped @ 11.41 hrs on 27.07.2023.
	7/28/2023	11:45	7/30/2023	14:51	51:06	
5	9/3/2023	9:53	9/4/2023	12:54	27:01	Unit hand tripped due to Boiler water wall tube leak.
6	10/24/2023	10:20	10/26/2023	12:41	50:21	Unit hand tripped due to Boiler backpass screen tubes leak at 68 mts.
7	11/2/2023	18:51	11/4/2023	10:10	39:19	Unit hand tripped due to boiler RH tube leak
8	12/13/2023	14:33	12/15/2023	10:30	43:57	Unit hand tripped due to boiler water wall tube leak.

TGGENCO
KTPP-II
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2023-24			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Audited	Claimed	
1	Installed Capacity	MW	600			
	COD		24.03.2016			
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit Head			
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	80	80	80	
2.2	Actual/Projected Availability	%		90.03	90.03	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	80	80	80	
3.2	Actual/Projected PLF	%		84.99	84.99	
4	**Gross Generation**					
4.1	Scheduled Generation	MU		4219.00	4219.00	
4.2	Actual/Projected Gross Generation	MU		4479.11	4479.11	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	7	7	7	
5.2	Actual/Projected Auxiliary Energy Consumption	%		5.81	5.81	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		260.11	260.11	
5.4	Net Generation	MU		4219	4219	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	2400	2400	2400	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		2367	2367	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	2	2	2	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		0.295	0.295	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%		0.8	0.8	

TGGENCO

KTPP-II

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	70912	68178	100143	99060	3396	4116	52816	63211	125044	75856	33317	18950	24300	34595	44127	45097	66738	90481
2	Value of stock	Rs in Crs	35.94	38.95	61.78	59.31	1.97	2.22	15.95	35.29	76.54	45.80	20.16	9.46	13.10	19.92	26.19	26.36	38.84	52.35
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	183230	206812	146239	103865	178714	212963	210872	146230	62361	125926	152398	171770	163880	170971	151964	161441	183922	143811
4	Adjustment if coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	183230.3	206812.04	146239.9	103865.1	178714.4	212963.2	210872.4	146230.3	62361.00	125926.6	152398.4	171770.4	163880.7	170971.8	151964.2	161441.96	183922.24	143811.16
6	Normative transit and handling loss	MT	1494	1654	1170	829	1430	1704	1688	1170	499	1007	1219	1374	1471	1368	1215	1292	1471	1150
7	Net coal supplied	MT	181764.46	205157.84	145070	102835.7	177284.6	211259.49	209284.62	145060.3	61862.15	124918.2	151179.21	170396.3	162409.7	169604	150649.3	170990.42	182450.86	142660.67
C	**Price**																			
8	Amount charged by coal company	Rs in Crs	101.01	132.98	100.96	84.29	96.12	103.40	119.50	91.60	48.80	73.83	78.62	96.01	102.56	98.12	87.89	100.88	107.68	89.84
9	Adjustment in amount charged by the coal company	Rs in Crs	-7.82	-13.60	-3.15	-3.81	-8.55	-9.14	-7.62	-3.21	-2.01	-10.25	-3.14	-8.78	-3.46	-2.37	-3.40	-1.71	-10.19	-5.57
10	Handling, sampling and such other similar charges	Rs in Crs	0.13	0.15	0.14	0.09	0.43	0.37	0.23	0.18	0.14	0.26	0.19	0.54	0.14	0.16	0.19	0.17	0.26	0.16
11	Total amount charged (8+9+10)	Rs in Crs	**93.31**	**117.14**	**100.06**	**80.74**	**88.00**	**94.63**	**111.91**	**88.56**	**45.92**	**63.87**	**75.68**	**88.86**	**99.24**	**95.91**	**84.68**	**99.12**	**97.74**	**84.43**
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs in Crs	7.71	6.31	3.93	2.60	7.47	7.81	7.73	3.51	3.20	4.64	4.01	5.20	5.29	5.06	4.01	5.33	7.73	3.64
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
		Rs in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	7.71	6.31	3.93	2.60	7.47	7.81	7.73	3.51	3.20	4.64	4.01	5.20	5.29	5.06	4.01	5.33	7.73	3.64
17	Total amount charged for coal supplied including transportation (11+16)	Rs in Crs	**101.02**	**123.45**	**103.99**	**83.33**	**95.48**	**102.44**	**119.64**	**92.06**	**49.12**	**68.51**	**77.69**	**92.12**	**104.54**	**100.97**	**88.63**	**104.44**	**105.47**	**88.17**
E	**Total Cost**																			
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	**5420.24**	**5988.48**	**6622.02**	**6054.64**	**5393.43**	**4859.21**	**5600.19**	**6121.26**	**6078.63**	**5787.66**	**6287.22**	**5391.14**	**5691.22**	**5905.40**	**5888.90**	**6020.82**	**5791.10**	**5171.36**
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs./MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4311	4626	5108	3733.00	3690.00	3724.00	4244	4450	4005	4462	3863	4234	4147	4181	4214	4040	4210	3435
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg																		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg																		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	3736.00	4365.00	4270.00	3758.00	3577.00	3337.00	3987.00	4254.00	3996.00	3813.00	3829.00	3637.00	3594.00	3752.00	3575.00	3588.00	3542.00	3040.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited

KTPP-I & II

Form 11.1: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	Opening Quantity																			
1	Opening quantity of oil	KL	1510	1623	1630	1620	1462	1504	2034	1895	2025	2044	2038	2039	2040	1862	2022	1867	1943	1869
2	Value of stock	Rs in Crs	9.72	10.41	10.30	10.25	9.34	12.92	13.46	12.71	13.63	13.64	14.07	14.01	13.71	12.57	13.64	12.88	13.11	12.45
B	Procurement																			
3	Quantity of oil supplied by the oil company	KL	224	250	0	600	722	398	395	254	239	55	0	26	0	203	48	193	377	131
4	Adjustment in oil quantity supplied by the oil company	KL																		
5	oil supplied by oil company (3+4)	KL																		
6	Normative transit and handling loss	KL																		
7	Net oil supplied	KL																		
C	Price																			
8	Amount charged by oil company	Rs in Crs	1.44	1.49	0.00	3.88	4.76	2.72	2.91	1.83	1.53	0.44	0.00	0.15	0.00	1.37	0.34	1.29	2.58	0.82
9	Adjustment in amount charged by the oil company	Rs in Crs																		
10	Handling, sampling and such other similar charges	Rs in Crs																		
11	Total amount charged (8+9+10)	Rs in Crs	1.44	1.49	0.00	3.88	4.76	2.72	2.91	1.83	1.53	0.44	0.00	0.15	0.00	1.37	0.34	1.29	2.58	0.82
D	Transportation																			
12	Transportation charges																			
	By rail	Rs in Crs																		
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
		Rs in Crs																		
13	Adjustment in amount charged by the oil transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting oil through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs in Crs	1.44	1.49	0.00	3.88	4.76	2.72	2.91	1.83	1.53	0.44	0.00	0.15	0.00	1.37	0.34	1.29	2.58	0.82
E	Total Cost																			
18	Landed cost of oil (2+17)/(1+7)	Rs/KL	64397	63534	63259	63440	64506	68194	67367	67653	66964	67009	67070	67005	67027	67321	67490	67722	67659	67048
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of oil for preceding three months	Rs/KL																		
F	Quality																			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre																		
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre																		
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre																		
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre																		
25	Weighted average GCV of Oil as Billed	kcal/litre																		
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre																		
27	GCV of Domestic Oil supplied as received at Station	kcal/litre																		
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
30	Weighted average GCV of Oil as Received	kcal/litre	GCV DETAILS TO BE FURNISHED BY COAL & COMMERCIAL																	

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

TGGENCO
KTPP-II
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	7	5.81	5.81
Gross Station Heat Rate	GSHR	kcal/kWh	2400	2367	2367
Secondary Fuel oil consumption	SFC	ml/kWh	2	0.30	0.30
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9390	9390	9390
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.07	0.07	0.07
Gross Calorific Value of Coal	CVPF	kcal/kg	4024.30	4024.30	4024.30
Landed Price of Coal	LPPF	Rs./kg	5.16	5.16	5.16
Specific Coal Consumption		kg/kWh	0.59	0.59	0.59
Coal Rate		**Rs./kWh**	3.284	3.219	3.219
Oil Rate		**Rs./kWh**	0.142	0.021	0.021
ECR		**Rs./kWh**	**3.426**	**3.240**	**3.240**

TGGENCO
KTPP-II
Form 13: Sales

FY 2023-24
Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	282.92	247.95	254.16	192.90	269.67	233.80	246.72	239.97	249.89	269.28	242.01	248.36	2976.51
TGNPDCL (29.45%)	109.79	103.60	106.10	80.54	112.11	97.59	103.82	100.17	103.90	111.95	101.03	112.03	1242.60
Total	392.67	351.48	360.26	273.43	380.88	331.39	352.54	340.14	353.79	380.16	343.04	360.41	[illegible]

FY 2023-24
Audited

TGGENCO
KTPP-II
Form 15: Revenue Reconciliation

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
2	Availability during the month (%)	%	97.77	92.06	95.04	78.62	92.55	83.16	85.35	87.11	89.85	97.20	94.87	94.22	90.03
3	Cumulative Availability (%)	%	97.77	94.87	94.92	90.78	91.14	89.83	89.18	88.93	89.03	89.86	90.29	90.63	
4	Target PLF for Incentive	%	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
5	Actual PLF during the month (%)	%	91.36	83.68	88.44	65.52	90.42	81.54	83.85	83.63	83.78	90.13	87.23	90.55	
6	Cumulative PLF (%)	%	91.36	87.46	87.78	82.13	83.80	83.43	83.49	83.51	83.54	84.21	84.47	84.99	
7	Gross Generation (MU)	MU	394.68	373.55	382.08	292.47	403.62	352.27	374.31	361.27	374.02	402.35	364.27	404.21	4479.11
8	Auxiliary Consumption (MU)	MU	22.01	22.10	21.82	18.97	22.94	20.88	21.77	21.13	21.23	22.20	21.23	23.80	260.08
9	Net Generation (MU)	MU	**372.67**	**351.45**	**360.26**	**273.50**	**380.68**	**331.39**	**352.54**	**340.14**	**352.79**	**380.16**	**343.04**	**380.41**	**4219.03**
10	Generation above target PLF (MU)	MU	27.07	-5.67	14.66	-83.62	23.56	-14.21	-4.58	-5.46	-4.33	23.04	6.96	23.29	2.71
11	Variable Charges Per Unit	Rs./kWh	2.900	2.900	2.900	2.900	2.900	2.900	2.900	2.900	2.900	2.900	2.900	2.900	
12	Approved Fixed Charges	Rs. Crore	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	749.20
13	Fuel Surcharge	Rs./kWh	3.581	3.324	3.178	3.356	3.336	3.535	3.433	3.502	3.517	3.346	3.424	3.566	
14	Fixed Charges During Month	Rs. Crore	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	62.43	749.20
15	Energy Charges Amount	Rs. Crore	108.07	101.92	104.47	79.31	110.40	96.10	102.24	98.64	102.31	110.24	99.48	110.32	1223.51
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	25.37	14.90	10.03	12.47	16.61	21.05	18.81	20.49	21.77	16.97	17.96	25.32	221.75
17	Incentive Amount	Rs. Crore													14.89
18	**Revenue from sale of electricity**	Rs. Crore	195.88	179.25	176.94	154.22	189.44	179.58	183.48	181.57	186.51	189.65	179.88	198.07	2209.35
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**-41.43**
-	Fixed charges disallowed as per TGSLDC Availability	Rs. Crore													**0.00**
-	Water charges	Rs. Crore													**2.16**
-	Fixed charges reduced prorata to actual capitalisation	Rs. Crore													**0.00**
20	**Total Revenue**	Rs. Crore	**195.88**	**179.25**	**176.94**	**154.22**	**189.44**	**179.58**	**183.48**	**181.57**	**186.51**	**189.65**	**179.88**	**198.07**	**2170.08**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													

<TGGENCO>
<BTPS>
Tariff Filing Formats - Generation
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	Planned & Forced Outages	✓
15	Form 10	Operational parameters	✓
16	Form 11	Fuel Details for computation of Energy Charge Rate	✓
17	Form 12	Energy Charge Rate	✓
18	Form 13	Sales	✓
19	Form 14	Revenue from Sale of Electricity	✓
20	Form 15	Revenue Reconciliation	
21	Form 16	Summary of true-up	✓

TGGENCO
BTPS
Form 1: Summary Sheet

Rs. In Cr.

S. No.	Particulars	Units	Reference	FY 2023-24			Remarks
				MYT/Tariff Order	April-March	True-Up requirement	
				Approved	Audited	Claimed	
A	**Annual Fixed Charges**						
1	Operation & Maintenance Expenses	Rs. Crore	Form 2	169.55	439.46	439.46	
2	Depreciation	Rs. Crore	Form 4	300.23	371.85	371.85	
3	Interest and finance charges on loan	Rs. Crore	Form 5	420.94	419.41	419.41	
4	Interest on Working Capital	Rs. Crore	Form 6	66.11	99.81	99.81	
5	Return on Equity	Rs. Crore	Form 7	463.05	456.86	456.86	
6	Less: Non-Tariff Income	Rs. Crore	Form 8	0.00	6.57	6.57	
7	**Annual Fixed Charges**	**Rs. Crore**		1419.88	1780.82	1780.82	
B	**Energy Charges**						
1	Energy Charge Rate	Rs./kWh	Form 12	3.311	3.617	3.617	
2	Scheduled Energy (ex-bus)	MU	Form 10	6325.39	6325.39	6325.39	
3	Energy Charges	Rs. Crore		2094.60	2287.69	2287.69	
C	**AFC +Energy Charges**	Rs. Crore		3514.48	4068.51	4068.51	

TGGENCO

BTPS

Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

Rs. In Cr.

S. No.	Particulars	Reference	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
1	Employee Expenses	Form 2.1	151.38	[illegible]	[illegible]
2	A&G Expenses	Form 2.2	12.10	[illegible]	[illegible]
3	R & M Expenses	Form 2.3	7.78	[illegible]	[illegible]
4	Total O&M Expenses		[illegible]	[illegible]	[illegible]

Note:

1 *The projections for the Control Period to be supported by detailed computations*

TGGENCO
BTPS
Form 2.1: Employee Expenses

Rs. in Cr.

S.No.	Particulars	FY 2023-Apr-Mar Audited
1	Basic Salary	170.09
2	Dearness Allowance (DA)	15.07
3	House Rent Allowance	15.83
4	Conveyance Allowance	0.99
5	Leave Travel Allowance	0.00
6	Earned Leave Encashment	35.15
7	Other Allowances	31.13
8	Medical Reimbursement	1.87
9	Overtime Payment	0.00
10	Bonus/Ex-Gratia Payments	0.00
11	Interim Relief / Wage Revision	0.01
12	Staff welfare expenses	4.10
13	VRS Expenses/Retrenchment Compensation	0.00
14	Commission to Directors	0.00
15	Training Expenses	0.00
16	Payment under Workmen's Compensation Act	0.00
17	Net Employee Costs	**274.23**
18	Terminal Benefits	0.00
18.1	Provident Fund Contribution	15.36
18.2	Provision for PF Fund	0.00
18.3	Pension Payments	0.00
18.4	Gratuity Payment	70.64
19	Unfunded past liabilities of pension & gratuity	0.00
20	Others	0.00
21	**Gross Employee Expenses**	**360.23**
22	Less: Expenses Capitalised	0.00
23	**Net Employee Expenses**	**360.23**

TGGENCO

BTPS

Form 2.2: Administrative & General Expenses

Rs. in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Rent Rates & Taxes	0.49
2	Insurance	5.18
3	Telephone & Postage, etc.	0.29
4	Legal charges & Audit fee	0.19
5	Professional, Consultancy, Technical fee	0.03
6	Conveyance & Travel	0.12
7	Electricity charges	0.32
8	Water charges	0.00
9	Security arrangements	4.86
10	Fees & subscription	0.04
11	Books & periodicals	0.00
12	Computer Stationery	0.00
13	Printing & Stationery	0.05
14	Advertisements	0.14
15	Purchase Related Advertisement Expenses	0.00
16	Contribution/Donations	0.00
17	License Fee and other related fee	0.00
18	Vehicle Running Expenses Truck / Delivery Van	0.32
19	Vehicle Hiring Expenses Truck / Delivery Van	1.57
20	Cost of services procured	0.00
21	Outsourcing of metering and billing system	0.00
22	Freight On Capital Equipments	0.07
23	V-sat, Internet and related charges	0.00
24	Training	0.09
25	Bank Charges	0.00
26	Miscellaneous Expenses	0.00
27	Office Expenses	0.00
28	Others	2.67
29	**Gross A &G Expenses**	**16.43**
30	Less: Expenses Capitalised	
31	**Net A &G Expenses**	**16.43**

TGGENCO
BTPS
Form 2.3: Repair & Maintenance Expenses

Rs. in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited
1	Plant & Machinery	47.58
2	Buildings	0.15
3	Civil Works	11.80
4	Hydraulic Works	0.00
5	Lines & Cable Networks	2.74
6	Vehicles	0.05
7	Furniture & Fixtures	0.00
8	Office Equipment	0.47
9	**Gross R&M Expenses**	**62.79**
10	Gross Fixed Assets at beginning of year	**7259.12**
11	R&M Expenses as % of GFA at beginning of year	**0.87%**

TGGENCO
BTPS
Form 3: Summary of Capital Expenditure and Capitalisation

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Capital Works in Progress			
2	Capital Expenditure during the year		186.16	186.16
3	Capitalisation during the year		**186.16**	**186.16**
4	Closing Capital Works in Progress	**0.00**	**0.00**	**0.00**

TGGENCO

BTPS

Form 3.1: Statement of Additional Capitalisation after COD

Rs. in Cr.

S. No.	FY	Name of the package (BTG, BoP, Civil Works etc.)	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 TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
	FY 2023-24									
1										
2										
3										
	Total			0.00	186.16	186.16				
					186.16	186.16				

* Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.

Form-3.1 Statement of Additional Capitalization after COD: BTPS (4x270MW)

S. No.	W.B.S Element	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	As per Administrative approval (Rev.04)	Total estimated cost* (Rs. Crore)	Capital expenditure incurred upto 31.03.2022 (Rs. Crore)	Capital expenditure during the year 2022-23 (Rs. Crore) upto 31.03.2023	Capital expenditure during the year 2023-24 (Rs. Crore) upto 31.03.2024	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
1	T-0011.01	Main EPC Supply	Design, Engineering, Manufacture, Supply of main plant & balance of plant equipment including mandatory spares for BTPS(4X270)	3326.6	3241.19	3055.87	76.95	58.82			TGERC Order on Mid-Term Review and Truing up the Generation Tariff for the FY: 2019-20 to FY: 2021-22 and Revised Tariff for the FY: 2022-23 and FY: 2023-24 for the Existing Stations of TGGENCO, Dt.23.03.2023.	The LOI was issued to M/s BHEL on 21.03.2015 Accordigly Purchase order No.3000000006 for supply, Purchase order No.3000000007 for E&C and Purchase order No.3000000008 for Civil works on 24.03.2015 for supply of spares including mandatory spares and execution of Erection & commissioing works and execution of Civil works .As per the contract all 4units were commissioned and all units are in service. The COD of Unit-I completed on 05.08.2020, Unit-II on 07.12.2020, Unit-III on 26.03.2021 and Unit-IV on 09.01.2022.Certain major pending works are 1. Track hopper 2. wagon tipplers 3. Mill rejects systems 4. Miscellanuous civil works. Execution of pending works are in progress and supply of spares are in progress. Hence considering all the above factors the proposed expenditure may be incurred during the fy.2024-25 and FY-2025-26. All the proposed expenditure are in original scope and within the projects cost.
2	T-0011.09	Main EPC Erection & Commissioning Contract	Transportation of equipment to site, transit insurance, unloading at site, storage, comprehensive construction insurance, inter site transportation & handling, construction, erection, testing & commissioning of the main plant, balance of plant equipment, of the complete coal fired supercritical steam power plant (including boiler, turbine, generator, transformers, station C&I, and all the required balance of Plant etc..) for the coal fired sub-critical units of 4X270 MW Bhadradri Thermal Power Station	551.83	519.02	395.86	20.27	5.92				
3	T-0011.02	Main EPC Civil Contract	Design, Engineering, Supply of all material, Labour, Execution & Erection of complete Civil, Structural, Architectural works and miscellaneous works for the complete coal fired Sub-critical units of 4 X270 MW BTPS.	1512.38	1401.59	1293.73	28.55	22.98				
4	T-0011.12	Back charge	Back Charges to BHEL	34.45	34.45	13.76	0.37	3.32				TGGENCO has taken up certain works which has not completed by M/s BHEL. The same amount is back charging to M/s BHEL. Hence , within the project cost.
5		Supply contract CTs&CVTs	Design, Engineering, Manufacture, Supply of equipment including Mandatory spares of certain additional scope i.e. a) CTs and CVTs for Metering b) 125 MVA Bus Reactor including civil works and mandatory spares for Bus Reactor for the coal fired sub-critical units of 4X270 MW Bhadradri Thermal Power Station.		12.55							
6	T-0011.11	E&C contract CI&CVT	Transportation of equipment to site, transit insurance, unloading at site, storage, comprehensive construction insurance, inter site transportation & handling, construction, erection, testing & commissioning of the main equipment including mandatory spares of certain additional scope i.e. a) CTs and CVTs for Metering b) 125 MVA Bus Reactor including civil works and mandatory spares for Bus Reactor for the coal fired sub-critical units of 4X270 MW Bhadradri Thermal Power Station	12.55		10.9	0.48	0				works Completed

Sl. No.	W.B.S Element	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	Super Administrative approval (Rev.04)	Total estimated cost* (Rs. Crore)	Capital expenditure incurred upto 31.03.2022 (Rs. Crore)	Capital expenditure during the year 2022-23 (Rs. Crore) upto 31.03.2023	Capital expenditure during the year 2023-24 (Rs. Crore) upto 31.03.2024	Asset GROUP under which the capitalisation has been accounted (Land, Buildings etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
7		Civil contract CT&CVT	Complete civil structural, Architectural works and miscellaneous works for certain additional stage I i.e. a) CTs and CVTs for metering b) 125 MVA Bus Reactor for the coal fired sub-critical units of 4X270 MW Bhadradri Thermal Power Station									
8		Supply contract FGD System	Design, Engineering, Manufacture, Supply, transportation to site, insurance of stage I modifications - ESP modification (inclusion of additional field), Boiler modifications for future installation of SCR, FGD system including FGD system mandatory spares of 4X270 MW Bhadradri Thermal Power Station.		686.24							The Purchase orders for FGD system and Stage I modifications of Boiler modification for future installation of SCR, i.e ESP modifications including of additional field were placed on M/s BHEL for supply, E&C and Civil works. The amount allocated to FGD is Rs.440 Crs and Stage I modifications is Rs.246 Crs. The Stage-I modifications works were almost completed and FGD works are under progress. Hence the projected amount may be taken into consideration while filing to TSERC. All the proposed expenditure are in original scope and within the projects. Note: The amount Rs.246 Crores pertains to Stage-I modification may be considered for filing, as these works were completed.
9	T-0011.10	E&C FGD	Transportation of equipment to site, marine insurance, unloading at site, storage, comprehensive construction insurance, inter alia transportation & handling, construction, erection, testing & commissioning of stage-I modifications - ESP modification (inclusion of additional field), Boiler modifications for future installation of SCR, FGD system including FGD system mandatory spares of 4X270 MW Bhadradri Thermal Power Station	686.24		212.66	19.16	200			TSERC Order on Mid-Term Review and True up the Generation Tariff for the FY 2018-19 to FY 2022-23 and Ammended Tariff for the FY 2023-24 for the Thermal Stations of TSGENCO. (11.03.2023).	
10		Civil FGD	Design, Engineering, Supply of all material, Labour, Execution & Execution of complete Civil, Structural, Architectural works and miscellaneous works for stage-I modifications - ESP modification (inclusion of additional field), Boiler modifications for future installation of SCR, FGD system including FGD system mandatory spares of 4X270 MW Bhadradri Thermal Power Station									
11	T-0011.05	M/s DESEIN & M/s Uyoda	Award of Engineering Consultancy Services	12	0.47	5.99						work completed
12	T-0011.05		Award of Engineering Consultancy Services		3.0166							
13	T-0011.05 &06		Third party inspection for BHEL BTG package at various locations of BHEL units against purchase order issued.		0.5914							

S. No.	W.B.S Element	Name of the package (BTG, BoP, Civil Works etc.)	Name of the work	As per Administrative approval (Rev.04)	Total estimated cost* (Rs. Crore)	Capital expenditure incurred upto 31.03.2022 (Rs. Crore)	Capital expenditure during the year 2022-23 (Rs. Crore) upto 31.03.2023	Capital expenditure during the year 2023-24 (Rs. Crore) upto 31.03.2024	Asset group under which the capitalisation has been accounted (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
14	T-0011.03	The following are the Non-EPC (E&M Work)		138.76	138.76	3.62	3.42	0.63			TSERC Order on Mid-Term Review and Truing up the Generation Tariff for the FY: 2019-20 to FY: 2021-22 and Revised Tariff for the FY: 2022-23 and FY: 2023-24 for the Existing Stations of TGGENCO, Dt.23.03.2023.	The newly proposed Raw Coal shed work will be taken up during the FY-2024-25 and it will be completed in the FY-2025-26 & capitalised accordingly. The budget for an amount of Rs.141.33 Cr for this work the Budget will be met from Non EPC E&M works(Rs.70 Cr)) and Non EPC Civil works (Rs.71.33 Crs). The newly proposed works for Installation of Solar PV(Photo Voltaic) pannels on the roof tops of various plant& non plant building of BTPS(4x270MW) at Manuguru. The budget for this work will be met from Non EPC(E&M) and this proposal are within the project cost.
15	T-0011.03	M/s BHEL	Transportation to site, transit insurance, unloading at site, storage, handling, intra site transportation handing over including comprehensive construction insurance excluding ALOP (Advance loss of profit), erection testing & commissioning of control and protection pannels of 315 MVAVA, 400/220/33 KVinterconnecting transformers including warranty period for 365 days (12 Months) from the date of charging of ICT for the coal fired sub critical units of 4x270MW Bhadradri Thermal Power station.		0.1191							completed
16	T-0011.03	M/s BHEL	Design, Engineering, Manufacture, Supply of control and protection panels of 315 MVA, 400/220/33KV interconnecting transformers for the coal fired sub critical units of 4X270 MW Bhadradri Thermal Power Station.		0.7658							Completed
17	T-0011.03	M/s UTKAL, ODISHA	Design, Engineering, Manufacture, Supply, assembly Shop testing packing for inland freight insurance and delivery FOR site erection, testing and commissioning of contingency arrangementof coal feeding of unit bunkerswith all accesaries,mandatory spares , tools, tackles including all mechanical electrical , instrumentation and civil structures dust supression system including modification works of existing conveyor -3A/B, etc of BTPS.		7.198							Completed
18 & 19	T-0011.03	M/s BHEL	Design, Engineering, Manufacture, procurement, assembly,pre-assembly, inspection and testing packing & forwarding , loading , supply, transportation to site and transit insurance, unloading at site storage comprehensive insurance, inter site , intra site transportation & handling erection, testing & commissioning of implementation of special protection scheme(Generator satisfcking scheme) to avoid total blockout of station in the case of loss of evacuation due to non availability of 400 KV BTPSJulurupadu 1&2 EHV Transmission line including warantee period for 365 days from the date of		1.65							completed

S. No.	W.B.S Element	Name of the package (WTG, BoP, Civil Works etc.)	Name of the work	Amount as approved (Rs. Cr)	Total estimated cost (Rs. Crore)	Capital expenditure incurred upto 31.03.2022 (Rs. Crore)	Capital expenditure during the year 2022-23 (Rs. Crore) upto 31.03.2023	Capital expenditure during the year 2023-24 (Rs. Crore) upto 31.03.2024	Asset group under which the capitalisation has been envisaged (Land, Buildings, etc.)	Scope of work	Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed	Justification
20		M/s TATA Consulting Engineers Ltd. Bangalore	Providing consultancy services for study and design the power distribution scheme for extension of permanent power supply to BTPS colony (cum ship rest BTPS main plant), arrangement of street lighting system and providing Diesel Generator sets for according internal power supply at various location in BTPS colony. Providing and preparation of detailed estimate, tender specification to D. upon agency on tendering basis. Vetting of vendor drawing/ documents during the execution of the subject work.		0.26							consultancy services under progress
21		P.O dated 24.08.2022	Providing Engg. consultancy services for diversion of Raw coal from the existing conveyor system and stacking near the stacker conveyor area including raw coal storage shed at BTPS(4x270MW)		0.44						TSERC Order on Mid-Term Review and Truing up of Generation Tariff for the FY 2019-20 to FY 2021-22 and Revised Tariff for the FY 2022-23 and FY 2023-24 for the Thermal Stations of TSGENCO. Dt.23.01.2023.	consultancy services under progress
22	T-0011.07		CWR	90		15.06						
23	T-0011.08		Land	126		22.7						Railway Marshalling yard, Township works, construction of new cow shed and civil miscellaneous works etc.
24	T-0011.04		Non EPC Civil works (List of balance works to be executed is enclosed as annexure)	1441.57	1558.57	252.52	80.91	99.02				
25	T-0011.21		IDC For main EPC	1775.89		1945.2		0				Rs.164.06 Crores are differed by Commission for main plant IDC 50%
26	T-0011.21.01		IDC For FGD	197.94		87.05	42.76	19.09				The allocation of IDC towards FGD system is Rs.157.34 Crs (after an approved an amount of Rs.70 Crs from main EPC IDC) upto march 2025 out of which Rs. 150 Crs amount has already incurred & the balance IDC portion of FGD system is Rs.47.54 Crores only. But the works of FGD system to be completed by Dec-2025 as per SHPL request. In order to meet the FGD IDC upto Dec-2025, the available balance amount of Rs.150 Crs in Main EPC IDC portion has to be taken from main EPC IDC portion duly re apportion. Hence, an amount of Rs.177.94 Crs is required for FGD IDC. It is to be consider for TEng to TSERC, as the works of FGD are under progress. (this proposal is in the Original scope and within project cost).
27	T-0011.20		EDC	871.33		489.3		0.45				an amount of Rs.218.07 Crs disallowed by the Hon'ble Commission
			Total	4615.84		2503.44	242.86	418.23				

TGGENCO

BTPS

Form 3.2: Financing of Additional Capitalisation

Rs. in Cr.

S. No.	Particulars	FY 2023-24
		Actual
1	Additional capitalisation	186.16
2	**Financing Details**	
	Loan 1	
	Loan 2	
	...	
	Total Loan	0.00
3	Equity	
4	Internal Resources	186.16
5	Others (Please Specify)	
6	**Total (2+3+4+5)**	186.16

TGGENCO

BTPS

Form 4: Fixed Assets & Depreciation

(Rs. Crore)

S.No.	Asset Group	A/c Code	Rate of Depriciation	FY 2023-24									
				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	Land & Land Rights	1000	0	-	-	-	-	-	-	-	-	-	-
2	Land Deposits	1010		122.77	-	-	122.77	-	-		-	122.77	122.77
3	Buildings	1100	3.34%	627.29	1.83	-	629.12	58.96	20.82	-	79.78	568.33	549.34
4	Lines & Cable Network	1200	5.28%	658.38	3.42	-	661.80	60.51	34.94	-	95.45	597.87	566.35
5	Plant & Machinery	1300	5.28%	4,963.70	97.42	-	5,061.12	534.73	266.60		801.33	4,428.96	4,259.78
6	Capital Spares	1400	5.28%	19.96	-	-	19.96	0.90	1.69	-	2.59	19.06	17.37
7	Hydraulic Works	1500	5.28%	816.82	5.55	-	822.36	100.23	43.42	-	143.65	716.59	678.71
8	Other Civil Works	1600	3.34%	47.38	77.56		124.94	2.14	4.11	-	6.25	45.24	118.69
9	Vehicles	1700	9.50%	0.65	-	-	0.65	0.07	0.06	-	0.13	0.57	0.51
10	Furniture& Fixtures	1800	6.33%	1.18	0.06	-	1.25	0.17	0.07	-	0.24	1.02	1.01
11	Computers	1900	15%	0.73	0.22	-	0.95	0.25	0.12	-	0.36	0.48	0.59
12	Office Equipment	2100	6.33%	0.28	0.09	-	0.37	0.12	0.02	-	0.14	0.16	0.23
13	Intangible Assets	2200	15.00%				-				-	-	-
	Total		5.06%	7259.12	186.16	0.00	7445.28	758.07	371.85	0.00	1129.92	6501.05	6315.36

TGGENCO

BTPS

Form 5: Interest and finance charges on loan

A. Normative Loan

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Opening Balance of Gross Normative Loan		5081.38	5081.38
2	Cumulative Repayment till the year		758.07	758.07
3	Opening Balance of Net Normative Loan	**0.00**	**4323.31**	**4323.31**
4	Less: Reduction of Normative Loan due to retirement or replacement of assets			
5	Addition of Normative Loan due to capitalisation during the year1		130.31	130.31
6	Repayment of Normative loan during the year	300.23	371.85	371.85
7	Closing Balance of Net Normative Loan	**-300.23**	**4081.78**	**4081.78**
8	Closing Balance of Gross Normative Loan	**-300.23**	**4839.85**	**4839.85**
9	Average Balance of Net Normative Loan	**-150.12**	**4202.55**	**4202.55**
10	Weighted average Rate of Interest on actual Loans (%)		9.98%	9.98%
11	Interest	**0.00**	**419.41**	**419.41**
12	Finance charges			
13	Total Interest & Finance charges	**420.94**	**419.41**	**419.41**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

B. Actual loan portfolio

Rs. in Cr.

S. No.	Particulars	FY 2023-24 Apr-Mar Audited	FY 2024-25 Apr - Mar Estimated	FY 2025-26 n+3 Projected
1	**Loan 1-PFC**			
	Opening Balance of Loan	5745.33	5427.33	5082.38
	Addition of Loan during the year	90.00	65.31	130.00
	Loan Repayment during the year	408.00	410.26	419.52
	Closing Balance of Loan	**5427.33**	**5082.38**	**4792.86**
	Average Loan Balance	**5627.84**	**5159.61**	**4946.76**
	Applicable Interest Rate (%)	9.98	10.2	10.2
	Interest	**561.58**	**526.28**	**504.57**
	Finance charges	0	0	0
	Total Interest & Finance charges	**561.58**	**526.28**	**504.57**
2	**Loan 2**			
	Opening Balance of Loan			
	Addition of Loan during the year			
	Loan Repayment during the year			
	Closing Balance of Loan	**0.00**	**0.00**	**0.00**
	Average Loan Balance	**0.00**	**0.00**	**0.00**
	Applicable Interest Rate (%)			
	Interest	**0.00**	**0.00**	**0.00**
	Finance charges			
	Total Interest & Finance charges	**0.00**	**0.00**	**0.00**
	.....			
	Total			
	Opening Balance of Loan	**5745.33**	**5427.33**	**5082.38**
	Addition of Loan during the year	**90.00**	**65.31**	**130.00**
	Loan Repayment during the year	**408.00**	**410.26**	**419.52**
	Closing Balance of Loan	**5427.33**	**5082.38**	**4792.86**
	Average Loan Balance	**5627.84**	**5159.61**	**4946.76**
	Applicable Interest Rate (%)	**9.98**	**10.20**	**10.20**
	Interest	**561.58**	**526.28**	**504.57**
	Finance charges	**0.00**	**0.00**	**0.00**
	Total Interest & Finance charges	**561.58**	**526.28**	**504.57**

NOTE :The above information is excluding the information of FGD

TGGENCO

BTPS

Form 6: Interest on working capital

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Cost of coal, towards stock		186.04	186.04
2	Cost of coal for generation		186.04	186.04
3	Cost of secondary fuel oil		3.00	3.00
4	O&M expenses	14.13	36.62	36.62
5	Maintenance spares		87.89	87.89
6	Receivables1	433.29	678.09	678.09
	Less:			
7	Payables for Fuels2	174.55	187.52	187.52
8	Total Working Capital requirement	**272.87**	**990.16**	**990.16**
9	Interest rate		10.08%	10.08%
10	Interest on working capital	**66.11**	**99.81**	**99.81**

Note:

1). In case actual availability is less or more than normative value, the modification in the formula need to be done accordingly.

TGGENCO
BTPS
Form 7: Return on Equity

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	Regulatory Equity at the beginning of the year		2177.736	2177.736
2	Capitalisation during the year		186.16	186.16
3	Equity portion of capitalisation during the year	0.00	55.85	55.85
4	Reduction in Equity Capital on account of retirement / replacement of assets			
5	Regulatory Equity at the end of the year	**0.00**	**2233.58**	**2233.58**
	Rate of Return on Equity			
6	Base rate of Return on Equity	15.50%	15.50%	15.50%
7	Effective Income Tax rate	17.78%	25.17%	25.17%
8	**Rate of Return on Equity**	**18.85%**	**20.71%**	**20.71%**
	Return on Equity Computation			
9	Return on Regulatory Equity at the beginning of the year	**0.00**	**451.08**	**451.08**
10	Return on Regulatory Equity addition during the year	**0.00**	**5.78**	**5.78**
11	**Total Return on Equity**	**463.05**	**456.86**	**456.86**

Note:

1 In case actual loan is more than 75%, the modification in the formula need to be done accordingly.

TGGENCO
BTPS
Form 8: Non-Tariff Income

Rs. in Cr.

S. No.	Particulars	FY 2023-24		
		MYT/Tariff Order	Apr-Mar	True-Up requirement
		Approved	Audited	Claimed
1	CURRENT CONSUMPTION CHARGES		0.05	0.05
2	INCOME FROM SALE OF ASH		5.49	5.49
3	INCOME FROM SALE OF COAL REJECTS		-	-
4	INCOME FROM SALE OF SCRAP		0.14	0.14
5	INTEREST INCOME ON EMPLOYEES - Ind AS		-	-
6	INTEREST INCOME ON SD		-	-
7	INTEREST ON CYCLE/MOPED/MOTOR CYCLE/CAR ADVANCE		0.08	0.08
8	INTEREST ON MARRIAGE ADVANCE TO STAFF		0.00	0.00
9	INTEREST ON STAFF LOANS & ADVANCES(HOUSE BUILDING)		0.11	0.11
10	INTEREST/INCOME FROM OTHER DEPOSITS		0.00	0.00
11	INTEREST/INCOME ON DEPOSITS FROM BANKS		0.07	0.07
12	OTHER INCOME - CONSULTANCY PROJECTS		0.00	0.00
13	OTHER MISCELLANEOUS RECEIPTS/INCOME		0.41	0.41
14	OTHER RECEIPTS FROM CONTRACTORS		-	-
15	OTHER RECEIPTS FROM STAFF		-	-
16	OTHER RENTAL OR LETTING OUT		0.02	0.02
17	PENALITIES RECOVERED FROM CONTRACTORS	-	0.00	0.00
18	RENTAL FROM RES. QUARTERS FROM UN REG PERSONS		0.08	0.08
19	RENTAL FROM STAFF FOR RESIDENTIAL QUARTERS		0.03	0.03
20	SALE OF TENDER SPECIFICATIONS		0.07	0.07
21	VENDOR REGISTRATION FEE		0.01	0.01
22	WATER CHARGES		-	-
	Total	**0.00**	**6.57**	**6.57**

Bhadradri Thermal Power Station- (4 x 270 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2023-24 April-March Actual
1	**Unit - 1 / BTPS(270MW)**	
A.	**Planned Outages**	
	No of days of outage	Nil
	Period of Outage (Hrs)	Nil
	Reasons for Outage	Nil
B.	**Forced Outages**	12
	No of days of outage	12.579
	Period of Outage	301.917
	Reasons for Outage	Details Enclosed
2	**Unit - 2 / BTPS(270MW)**	
A.	**Planned Outages**	1
	No of days of outage	21.49
	Period of Outage (Hrs)	515.7833
	Reasons for Outage	AOH
B.	**Forced Outages**	11
	No of days of outage	12.467
	Period of Outage (Hrs)	299.2
	Reasons for Outage	Details Enclosed

Bhadradri Thermal Power Station- (4 x 270 MW)
Form 9: Planned & Forced Outages

S.No.	Particulars	FY:2023-24 April-March Actual
3	**Unit - 3 / BTPS(270MW)**	
A.	**Planned Outages**	1
	No of days of outage	28.615
	Period of Outage (Hrs)	686.76
	Reasons for Outage	AOH
B.	**Forced Outages**	10
	No of days of outage	11.127.
	Period of Outage	267.05
	Reasons for Outage	Details Enclosed
4	**Unit - 4 / BTPS(270MW)**	
A.	**Planned Outages**	
	No of days of outage	Nil
	Period of Outage (Hrs)	Nil
	Reasons for Outage	Nil
B.	**Forced Outages**	21
	No of days of outage	17.73125
	Period of Outage (Hrs)	425.55
	Reasons for Outage	Details Enclosed

Note:
AOH: Annual Overhuals
COH: Capital Overhauls

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-1 tripping details for the F.Y 2023-24

SLNo	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Category of Trip
1	11-04-2023 09:19	11-04-2023 11:57	02:38	0.71	Unit - 1 tripped on flame failure due to poor coal feeding	Others
2	19-06-2023 04:06	19-06-2023 13:24	09:18	2.51	Unit - 1 Tripped on flame failure due to sudden fall of clinker.	Others
3	19-06-2023 13:54	19-06-2023 15:07	01:13	0.33	Unit - 1 Tripped on flame failure due to Bus pull out while taking BFP-1B in to service.	Others
4	14-07-2023 23:41	18-07-2023 00:55	73:14	19.77	Unit - 1 tripped on drum level low due to tube leak in Economiser zone.	BM
5	29-08-2023 09:31	31-08-2023 00:18	38:47	10.47	Unit -1 was tripped due to boiler tube leak at super heater zone (LTSH).	BM
6	03-09-2023 01:46	03-09-2023 12:55	11:09	3.01	Unit - 1 Tripped on turbine proction acted due to tripping of Main Governing control fluid pump.	TM
7	26-11-2023 18:51	28-11-2023 06:09	35:18	9.53	Unit -1 tripped on drum level low due to Eco tube leaks	BM
8	28-11-2023 07:28	29-11-2023 09:54	26:26	7.14	Unit -1 tripped on drum level low due to Load set value communication card failure later tripped on boiler protection due to leak in front side boiler steam cooled wall panel	C&I/BM
9	18-01-2024 19:54	20-01-2024 06:36	34:42	9.37	Unit -1 tripped on water wall screen tube leak in Final super heater zone right side chaneel 9 at 51.1 mtrs	BM
10	25-02-2024 08:29	26-02-2024 13:17	28:48	7.78	Unit-1 hand tripped boiler water wall ring header S-panel tube leak	BM
11	17-03-2024 18:38	18-03-2024 20:09	25:31	6.89	Unit-1 tripped on drum level low due to boiler tube leak in Economizer zone	BM
12	31-03-2024 09:09	31-03-2024 24:00	14:51	4.01	Unit-1 hand tripped on boiler water wall screen tube leak and synchronised to grid at 12:08 hrs on 01.04.2024	BM
	TOTAL		301:55	81.52		

Days (12.579)

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-2 tripping details for the F.Y 2023-24

Sl.No	Trip Date & Time	Synchronisation Date & Time	Duration in HR:MM	Loss of gen in MU	Cause of Tripping	Cate of T
1	24-04-2023 13:00	25-04-2023 09:08	20:08	5.44	Unit-2 Tripped on Furnace pressure high due to poor coal feeding	Oth
2	19-05-2023 01:21	20-05-2023 18:28	41:07	11.10	Unit-2 Hand tripped due to boiler tube leak in PTSH & Spacer tube water wall tube.	BM
3	30-05-2023 09:01	02-06-2023 20:14	83:13	22.47	Unit-2 Hand tripped due to turbine governing system control oil pump-2	TM
4	06-06-2023 19:57	06-06-2023 23:54	03:57	1.07	Unit-2 tripped on electrical disturbance due to outage of 2HA board on earth fault.	EM
5	09-09-2023 11:56	09-09-2023 14:17	02:21	0.63	Unit - 2 tripped on flame failure due to sudden fall of clinker.	Oth
6	07-10-2023 15:25	09-10-2023 05:43	38:18	10.34	Unit -2 was hand tripped on water wall Tube Leak at 36mtrs elevation .	BM
7	01-12-2023 11:21	01-12-2023 13:45	02:24	0.65	Unit -2 tripped on Fime failure sudden fall of clinker.	Oth
8	14-12-2023 06:30	14-12-2023 13:13	06:43	1.81	Unit -2 tripped on Bus bar protection Zone-2 (Bus-II)	EM
9	15-12-2023 21:08	17-12-2023 06:58	33:50	9.13	Unit -2 tripped on Air pre heater (APH-2B) gear box problem.	BM
10	27-12-2023 21:37	29-12-2023 10:52	37:15	10.06	Unit-2 tripped on boiler water wall tube leak at 32 mtrs elevation corner-1.	BM
11	03-03-2024 07:42	04-03-2024 13:38	29:56	8.08	Unit-2 hand tripped due to tube leak in LTSH inlet header bend stubs (Lower bank)	BM
	TOTAL		299:12	80.78		

Unit-2 Planned Outage details for the F.Y 2023-24

1	25-06-2023 06:39	16-07-2023 18:26	515:47	139.26	Unit-2 was hand tripped on boiler water wall tube leak in superheater zone and later continued for carrying out Annual Overhaul.	AO
	TOTAL		515:47	139.26		

TELANGANA STATE POWER GENERATION CORPORATION LIMITED

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-3 tripping details for the F.Y 2023-24

S. No.	Tripping Date & Time	Synchronisation Date & Time	Duration of Tripping (HH:MM)	Loss of gen in MU	Reasons for Tripping
1	02-04-2023 20:46	03-04-2023 20:09	23:23	6.314	Unit-3 was hand tripped due to Economizer tube leak.
2	18-04-2023 16:53	20-04-2023 12:27	43:34	11.763	Unit - 3 tripped on Electrical protection due to 3DA LT board tripped .
3	03-05-2023 17:31	04-05-2023 07:04	13:33	3.658	Unit-3 tripped due to control fluid pump-B problem.
4	18-05-2023 08:28	20-05-2023 07:21	46:53.	12.659	Unit-3 Hand tripped due to boiler water wall tube leak at 18.5 mtrs elevation at corner-4.
5	24-08-2023 14:30	24-08-2023 17:42	03:12	0.864	Unit--3 was tripped on drum level High while taking 4th mill into service.
6	01-09-2023 21:30	02-09-2023 01:10	03:40	0.990	Unit--3 was tripped on Lube Oil Pressuer Low while changing filters .
7	02-10-2023 16:33	04-10-2023 10:45	42:12	11.394	Unit-3 was hand tripped on Boiler Tube Leak in Economiser zone steam cooled water wall right side corner-4.
8	21-01-2024 09:06	22-01-2024 16:41	31:35	8.528	Unit-3 tripped due to flame failure due to Super heater hanger tube leak
9	06-03-2024 07:26	07-03-2024 13:13	29:47	8.041	Unit-3 Tripped on Flame failure due to Boiler tube leak at48Mtrs. Elevation nearLRSB-75
10	21-03-2024 23:33	23-03-2024 04:47	29:14	7.893	Unit-3 Hand tripped due to tube leak at 48.5Mtr elevation right side water wall screen tube
	Total		267:03	72.104	

Unit-3 Planned Outage details for the F.Y 2023-24

1	26-07-2023 19:25	01-08-2023 00:00	124:35	33.637	Unit-3 tripped on flame failure and under shut down for carryin out Annual Overhaul.
*	01-08-2023 00:00	24-08-2023 10:11	562:11	151.790	Unit - 3 was under shutdown for Annual over hauls.
	Total		686:46	185.427	

BHADRADRI THERMAL POWER STATION - (4 X 270 MW)

Unit-4 tripping details for the F.Y 2023-24

S.No.	Tripping Date & Time	Synchronisation Date & Time	Duration of tripping (HH:MM)	Loss of Gen. in MU	Reason for tripping	Category of Trip
1	26-04-2023 00:11	29-04-2023 06:05	77:54	21.033	Unit - 4 was hand tripped on conveyor belt problem.	CHP
2	02-06-2023 10:12	02-06-2023 13:09	02:57	0.7965	Unit-4 Tripped on Flame failure due to missing of Fire ball votion signal due to main signal cable to MFT socket loose.	Others
3	06-06-2023 02:40	07-06-2023 07:12	28:32	7.704	Unit- 4 Tripped on boiler tube leak Economiser lower bank .	BM
4	04-07-2023 01:09	05-07-2023 12:26	35:17	9.5265	Unit - 4 was hand tripped on Boiler water wall tube leak corner-3.	BM
5	05-07-2023 15:28	05-07-2023 21:37	06:09	1.6605	Unit- 4 tripped on Electrical earth fault due to tripping of 4HA Board.	EM
6	11-07-2023 17:35	14-07-2023 18:54	73:19	19.7955	Unit - 4 was hand tripped on Boiler drum manual door gasket leak.	BM
7	27-08-2023 04:45	27-08-2023 08:24	03:39	0.9855	Unit -4 was tripped on PA Fans Deparalleled.	EM
8	02-09-2023 05:27	02-09-2023 11:16	05:49	1.5705	Unit-4 was tripped on PA fan 4A problem and M.S Tempareture low.	others
9	11-09-2023 11:37	11-09-2023 13:52	02:15	0.6075	Unit-4 was tripped onTurbine Main control oil system communication failed(ACN card failed).	I&C
10	22-09-2023 18:04	24-09-2023 02:06	32:02	8.649	Unit -4 was tripped on Flame failure due to water wall tube leak in S panel .	BM
11	24-09-2023 03:25	24-09-2023 04:20	00:55	0.2475	Unit -4 was tripped on Turbine vibration	TM
12	08-10-2023 08:05	09-10-2023 21:39	37:34	10.143	Unit-4 was tripped on Generator electrical protection,later boiler tube leak in Economizer zone & First pass corner-1.	EM/BM
13	18-10-2023 11:39	18-10-2023 12:55	01:16	0.342	Unit-4 was tripped on flame failure due to feeders B&C tripped.	Others
14	25-10-2023 07:05	25-10-2023 09:25	02:20	0.63	Unit-4 was tripped on flame failure due to CT failure and coal feeders A&F tripped.	EM
15	15-11-2023 03:16	15-11-2023 10:37	07:21	1.9845	Unit-4 was tripped due to condencer vaccum low .	EM
16	14-12-2023 06:30	14-12-2023 13:38	07:08	1.926	Unit-4 tripped on Bus bar protection LBB-protection.	EM
17	15-12-2023 10:11	16-12-2023 12:09	25:58	7.011	Unit-4 tripped on Boiler water wall tube leak in S panel.	BM
18	20-12-2023 18:41	20-12-2023 22:40	03:59	1.0755	Unit -4 tripped on flame failure due to poor bunker levels and sudden fall of clinker.	Others
19	01-01-2024 17:49	03-01-2024 07:41	37:52	10.224	Unit-4 tripped on Drum level low due to Lower Economiser Zone Tube leak & S'panel water wall tube leak.	BM
20	19-02-2024 10:31	19-02-2024 12:26	01:55	0.5175	Unit-4 tripped due to generator protection 1 acted(DAVR card failure)	EM
21	09-03-2024 10:54	10-03-2024 18:16	31:22	8.469	Unit-4 Tripped on Flame failure due to Boiler tube leak at 32.5 meters Lower Economiser zone .	BM
	TOTAL		425:33	114.90		

TGGENCO
BTPS
Form 10: Operational parameters

S. No.	Particulars	Units	FY 2023-24			Remarks
			MYT/Tariff Order	Apr-Mar	True-Up requirement	
			Approved	Audited	Claimed	
1	Installed Capacity	MW	4X270	1080		
	COD		05.06.2020 07.12.2020 27.03.2021 09.01.2022			
	Type of Thermal Generating Station (Pithead/Non-Pithead)		Non-Pit Head			
2	**Availability**					
2.1	Target Availability for full recovery of AFC	%	85	85	85	
2.2	Actual/Projected Availability	%		**74.11**	**74.11**	
3	**Plant Load Factor (PLF)**					
3.1	Target PLF for Incentive	%	85	85	85	
3.2	Actual/Projected PLF	%		**73.3**	**73.3**	
4	**Gross Generation**					
4.1	Scheduled Generation	MU		6325.39	**6325.39**	
4.2	Actual/Projected Gross Generation	MU		**6953.82**	**6953.82**	
5	**Auxiliary Consumption**					
5.1	Normative Auxiliary Energy Consumption	%	8.5	8.5	8.5	
5.2	Actual/Projected Auxiliary Energy Consumption	%		**9.04**	**9.04**	
5.3	Actual/Projected Auxiliary Energy Consumption	MU		**628.43**	**628.43**	
5.4	Net Generation	MU		**6325.39**	**6325.39**	
6	**Gross Station Heat Rate**					
6.1	Normative Gross Station Heat Rate	kcal/kWh	2273	2273	2273	
6.2	Actual/Projected Gross Station Heat Rate	kcal/kWh		**2473.67**	**2473.67**	
7	**Secondary Fuel Oil Consumption**					
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	0.5	0.5	0.5	
7.2	Actual/Projected Secondary Fuel Oil Consumption	ml/kWh		**0.4**	**0.4**	
8	**Transit Loss**					
8.1	Normative Transit Loss	%	0.8	0.8	0.8	
8.2	Actual/Projected Transit Loss	%		**0.8**	**0.8**	

TOGENCO

BTPS

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	**Opening Quantity**																			
1	Opening quantity of coal	MT	134936	151266	132810	140447	201347	250042	171088	145364	136303	137071	81219	123946	181969	171134	134499	120774	139967	139934
2	Value of stock	Rs in Crs	58.80	64.67	58.61	69.46	82.34	100.70	64.59	58.67	61.61	61.83	38.07	58.15	81.48	78.54	74.47	59.03	69.67	64.45
B	**Procurement**																			
3	Quantity of coal supplied by the coal company	MT	434315	417532	426926	410437	446627	363391	453096	447019	465697	402065	476667	520326	436128	437307	395100	336667	330466	238535
4	Adjustment in coal quantity supplied by the coal company (-/+)	MT																		
5	Coal supplied by coal company (3+4)	MT	434315.00	417532.44	426926.4	410437.5	446626.7	363390.8	453096.05	447019.9	465697.2	402065.9	476667.77	520326.5	436128.5	437307	395100.8	336667.98	330466.9	238535.99
6	Normative transit and handling loss	MT	3475	3340	3415	3282	3572	3067	3625	3581	3727	3223	3812	4163	3489	3496	3161	2693	2644	1908
7	Net coal supplied	MT	430840.4205	414192.5805	423510.949	407153.37	442061.678	360322.113	449471.383	444438.351	462170.912	399643.003	472745.308	516163.888	432639.502	433808.544	391940.823	333974.636	327813.345	236623.734
C	**Price**																			
8	Amount charged by coal company	Rs in Crs	196.00	202.91	243.71	198.74	206.32	191.95	201.21	209.73	208.96	193.38	221.05	233.95	210.28	241.85	217.94	171.96	165.40	108.14
9	Adjustment in amount charged by the coal company	Rs in Crs	-16.15	-24.60	-57.97	-44.17	-36.54	-30.73	-22.41	-7.88	-7.79	-9.77	-9.82	-11.60	-12.42	-35.67	-41.96	3.75	-25.90	-14.20
10	Handling, sampling and such other similar charges	Rs in Crs	0.69	0.60	0.91	0.85	0.87	0.88	1.00	0.60	0.88	0.70	0.58	0.61	0.34	0.34	0.31	0.33	0.43	0.41
11	Total amount charged (8+9+10)	Rs in Crs	**180.69**	**179.22**	**191.65**	**155.42**	**170.66**	**162.10**	**179.80**	**202.77**	**202.05**	**184.32**	**211.81**	**222.67**	**198.21**	**206.52**	**176.99**	**175.06**	**140.09**	**94.33**
D	**Transportation**																			
12	Transportation charges																			
	By rail	Rs in Crs	5.44	5.15	5.38	5.23	5.66	5.16	4.09	5.54	6.09	5.41	6.38	7.14	5.79	5.80	5.24	4.12	4.13	3.12
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
		Rs in Crs																		
13	Adjustment in amount charged by the coal transporter	Rs in Crs																		
14	Demurrage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	5.44	5.15	5.38	5.23	5.66	5.16	4.09	5.54	6.09	5.41	6.38	7.14	5.79	5.80	5.24	4.12	4.13	3.12
17	Total amount charged for coal supplied including transportation (11+16)	Rs in Crs	**184.14**	**184.37**	**197.01**	**160.63**	**176.33**	**137.26**	**185.89**	**208.31**	**208.14**	**189.73**	**218.20**	**229.81**	**204.00**	**212.04**	**182.13**	**177.18**	**144.22**	**97.44**
E	**Total Cost**																			
18	Landed cost of coal (3+17)/(1+7)	Rs /MT	**4295.44**	**4409.60**	**4594.00**	**4119.44**	**4029.62**	**3774.67**	**4036.13**	**4534.98**	**4510.64**	**4686.98**	**4626.07**	**4486.59**	**4647.53**	**4819.62**	**4695.84**	**5137.63**	**4615.89**	**4302.80**
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of coal for preceding three months	Rs /MT																		
F	**Quality**																			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	kcal/kg																		
22	GCV of Domestic Coal supplied as per bill of Coal Company	kcal/kg																		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	kcal/kg																		
24	GCV of Imported Coal supplied as per bill Coal Company	kcal/kg																		
25	Weighted average GCV of coal as Billed	kcal/kg	4311	4826	5108	3733.00	3890.00	3724.00	4244	4455	4265	4402	3863	4034	4147	4101	4214	4043	4210	3438
26	GCV of Domestic Coal of the opening stock as received at Station	kcal/kg																		
27	GCV of Domestic Coal supplied as received at Station	kcal/kg																		
28	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
29	GCV of Imported Coal of opening stock as received at Station	kcal/kg																		
30	Weighted average GCV of coal as Received	kcal/kg	3734.00	4365.00	4279.00	3798.00	3577.00	3337.00	3997.00	4254.00	3995.00	3913.00	3570.00	3607.00	3584.00	3732.00	3579.00	3588.00	3342.00	3046.00

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column
4. Break up of the amount charged by the Coal Company is to be provided separately.

Telangana State Power Generation Corporation Limited

BTPS

Form 11: Fuel Details for computation of Energy Charge Rate

S. No.	Particulars	Units	FY 2023-24												FY 2024-25					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A	Opening Quantity																			
1	Opening quantity of oil	KL	3747	3885	3906	4120	4290	4260	4111	3946	3833	3738	3780	3724	3545	3343	3230	3074	2979	2922
2	Value of stock	Rs in Crs	24.49	23.90	25.08	26.14	26.48	26.66	26.11	25.05	24.30	23.66	23.79	23.45	22.23	20.92	20.16	19.09	18.46	18.18
B	Procurement																			
3	Quantity of oil supplied by the oil company	KL	390	510	496	509	231	150	0	0	147	155	0	0	0	0	0	0	50	74
4	Adjustment in oil quantity supplied by the oil company	KL																		
5	oil supplied by oil company (3+4)	KL																		
6	Normative transit and handling loss	KL																		
7	Net oil supplied	KL																		
C	Price																			
8	Amount charged by oil company	Rs in Crs	2.30	2.96	2.74	2.97	1.65	1.35	0.00	0.00	0.88	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.53
9	Adjustment in amount charged by the oil company	Rs in Crs																		
10	Handling, sampling and such other similar charges	Rs in Crs																		
11	Total amount charged (8+9+10)	Rs in Crs	2.30	2.96	2.74	2.97	1.65	1.35	0.00	0.00	0.88	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.53
D	Transportation																			
12	Transportation charges																			
	By rail	Rs in Crs																		
	By road	Rs in Crs																		
	By ship	Rs in Crs																		
		Rs in Crs																		
13	Adjustment in amount charged by the oil transporter	Rs in Crs																		
14	Demurage charges, if any	Rs in Crs																		
15	Cost of diesel in transporting oil through MGR system, if applicable	Rs in Crs																		
16	Total Transportation charges (12+13+14+15)	Rs in Crs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied including transportation (11+16)	Rs in Crs	2.30	2.96	2.74	2.97	1.65	1.35	0.00	0.00	0.88	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.53
E	Total Cost																			
18	Landed cost of oil (2+17)x(1+7)	Rs /KL	64752	64073	63239	62819	62727	63007	63509	63450	63258	63057	62902	62889	62693	62559	62414	62090	62265	62451
19	Blending Ratio (Domestic/Imported)																			
20	Weighted average cost of oil for preceding three months	Rs /KL																		
F	Quality																			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	kcal/litre																		
22	GCV of Domestic Oil supplied as per bill of Oil Company	kcal/litre																		
23	GCV of Imported Oil of the opening stock as per bill Oil Company	kcal/litre																		
24	GCV of Imported Oil supplied as per bill Oil Company	kcal/litre																		
25	Weighted average GCV of Oil as billed	kcal/litre																		
26	GCV of Domestic Oil of the opening stock as received at Station	kcal/litre																		
27	GCV of Domestic Oil supplied as received at Station	kcal/litre																		
28	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
29	GCV of Imported Oil of opening stock as received at Station	kcal/litre																		
30	Weighted average GCV of Oil as Received	kcal/litre	GCV DETAILS TO BE FURNISHED BY COAL & COMMERCIAL																	

Note:

1. Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

TGGENCO
BTPS
Form 12: Energy Charge Rate

Particulars	Legend	Units	FY 2023-24		
			MYT/Tariff Order	Apr-Mar	True-Up requirement
			Approved	Audited	Claimed
Auxiliary Consumption	AUX	%	8.5	9.04	9.04
Gross Station Heat Rate	GSHR	kcal/kWh	2273	2474	2474
Secondary Fuel oil consumption	SFC	ml/kWh	0.5	0.40	0.40
Calorific Value of Secondary Fuel	CVSF	kcal/ml	9819	9819	9819
Landed Price of Secondary Fuel	LPSF	Rs./ml	0.06	0.06	0.06
Gross Calorific Value of Coal	CVPF	kcal/kg	3287.65	3287.65	3287.65
Landed Price of Coal	LPPF	Rs./kg	4.34	4.34	4.34
Specific Coal Consumption		kg/kWh	0.69	0.75	0.75
Coal Rate		**Rs./kWh**	3.276	3.588	3.588
Oil Rate		**Rs./kWh**	0.035	0.029	0.029
ECR		**Rs./kWh**	**3.311**	**3.617**	**3.617**

TGGENCO
BTPS
Form 13: Sales

FY 2023-24
Audited

(MU)

Beneficiary	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
TGSPDCL (70.55%)	361.36	352.46	360.31	285.12	299.23	329.85	378.16	413.01	399.68	436.42	414.39	406.36	4492.57
TGNPDCL (29.45%)	150.85	189.65	150.40	116.19	124.91	137.36	157.87	172.40	166.42	182.17	172.98	169.53	1882.83
Total	512.21	542.11	510.71	401.31	424.14	466.41	536.05	585.41	565.10	618.59	587.37	575.00	[redacted]

TGGENCO
BTPS
Form 15: Revenue Reconciliation

FY 2023-24
Audited

S. No.	Particulars	Units	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	Normative Availability (%)	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2	Availability during the month (%)	%	75.45	76.04	74.91	56.04	58.34	67.21	74.68	86.46	80.36	87.95	90.44	78.97	74.11
3	Cumulative Availability (%)	%	75.45	75.75	75.47	70.54	68.06	67.92	68.90	71.06	72.11	73.71	75.16	75.48	
4	Target PLF for Incentive	%	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
5	Actual PLF during the month (%)	%	72.33	74.10	72.33	55.44	58.41	66.48	73.38	82.33	77.22	84.20	85.40	78.77	
6	Cumulative PLF (%)	%	72.33	73.23	72.93	68.49	66.45	66.45	67.46	69.28	70.18	71.60	72.79	73.30	
7	Gross Generation (MU)	MU	562.42	595.38	562.46	445.50	469.34	516.98	589.62	640.20	620.47	676.58	641.93	632.93	6953.81
8	Auxiliary Consumption (MU)	MU	50.21	53.27	51.75	44.19	45.20	50.58	53.57	54.79	55.37	57.99	54.57	56.94	628.43
9	Net Generation (MU)	MU	**512.21**	**542.11**	**510.71**	**401.31**	**424.14**	**466.40**	**536.05**	**585.41**	**565.10**	**618.59**	**587.36**	**575.99**	**6325.38**
10	Generation above target PLF (MU)	MU	-148.75	-140.88	-150.25	-281.68	-258.85	-194.56	-146.94	-75.55	-117.89	-64.40	-51.57	-107.00	-1738.33
11	Variable Charges Per Unit	Rs./kWh	2.363	2.363	2.363	2.363	2.363	2.363	2.363	2.363	2.363	2.363	2.363	2.363	
12	Approved Fixed Charges	Rs. Crore	118.32	118.32	118.32	118.32	118.32	118.32	118.32	118.32	118.32	118.32	118.32	118.32	1419.86
13	Fuel Surcharge	Rs./kWh	3.220	3.314	3.312	3.341	3.413	3.380	3.314	3.275	3.391	3.221	3.210	3.395	
14	Fixed Charges During Month	Rs. Crore	105.03	105.86	104.28	77.61	80.93	93.57	104.10	119.97	112.07	122.65	124.81	109.97	1260.84
15	Energy Charges Amount	Rs. Crore	121.04	128.10	120.68	94.83	100.22	110.21	126.67	138.33	133.53	146.17	138.79	136.11	1494.69
16	Amount of Fuel Surcharge Adjustment	Rs. Crore	43.89	51.57	48.49	39.26	44.54	47.44	50.96	53.39	58.10	53.06	49.77	59.45	599.91
17	Incentive Amount	Rs. Crore													
18	**Revenue from sale of electricity**	Rs. Crore	269.96	285.53	273.44	211.69	225.69	251.22	281.72	311.69	303.70	321.89	313.38	305.53	3355.44
19	**Other recoveries/adjustments**														
-	Fuel (savings)/charge year end adjustment	Rs. Crore													**65.28**
-	Fixed charges disallowed as per TGSLDC Availability	Rs. Crore													**-22.88**
-	Water charges	Rs. Crore													**2.05**
-	Fixed charges reduced prorata to actual capitalisation in case of BTPS	Rs. Crore													**-98.60**
20	**Total Revenue**	Rs. Crore	**269.96**	**285.53**	**273.44**	**211.69**	**225.69**	**251.22**	**281.72**	**311.69**	**303.70**	**321.89**	**313.38**	**305.53**	**3301.29**
21	**Total Revenue as per Audited Accounts**	Rs. Crore													