

BEFORE THE
HON'BLE TAMIL NADU ELECTRICITY REGULATORY COMMISSION
AT CHENNAI

Filing No.

:

Case No.

: M.P.No. of 2025

In the matter of

: Filing of the petition for true up of ARR for
FY 2023-24

Tamil Nadu Power Distribution Corporation Ltd.,
(TNPDC),
N.P.K.R.R Malaigai,
144, Anna Salai,
Chennai -2.

..... Petitioner

Versus

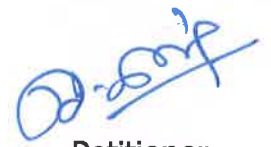
NIL

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Dated at Chennai on this the 5th day of March, 2025



Petitioner

Chief Financial Controller
Regulatory Cell (FAC)
TNPDC
144, Anna Salai, Chennai - 2

ANNEXURE-I

GENERATION FORMS

THERMAL POWER STATIONS

1. TUTICORIN TPS
2. METTUR TPS-I
3. NORTH CHENNAI TPS-I
4. NORTH CHENNAI TPS-II
5. METTUR TPS-II

GAS TURBINE POWER STATIONS

1. TIRUMAKOTTAI GTPS
2. KUTTALAM GTPS
3. BASIN BRIDGE GTPS
4. VALUTHUR GTPS

HYDRO POWER GENERATING STATIONS

1. ERODE HPS
2. KADAMPARAI HPS
3. KUNDAH HPS
4. TIRUNELVELI HPS

ANNEXURE I**ARR FORMATS****Tuticorin Thermal Power Station (TTPS)**

Summary of ARR

NAME OF THE COMPANY

TNPGL

NAME OF THE POWER STATION

Tuticorin Thermal Power Station (TTPS)

Rs. Crores

Sr. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	167.61
2	Interest and Finance Charges	6C	763.05	660.32	1,192.08
3	Depreciation	10B	151.11	171.64	134.80
4	Interest on Working Capital	11	131.71	109.75	186.48
5	Operation and Maintenance Expenses	13E	536.88	432.66	753.15
6	Other Debits	16	-	-	-
7	Prior period credits / charges	17	-	-	-
8	Operating expenses	13D	-	-	54.49
9	Total Annual Fixed Cost		1,582.75	1,374.37	2,488.62
10	Less: Other Income	18	46.27	36.98	56.66
11	Net Annual Fixed Cost		1,536.48	1,337.39	2,431.96
II	Annual Variable Cost				
1	Primary Fuel Cost	22	-	-	2,239.90
2	Secondary Fuel Cost	14	-	-	33.78
3	Compensation due to backing down		-	-	0.0044
4	Total Annual Variable Cost		2,224.20	1,835.00	2,273.69
III	Total Cost		3,760.68	3,172.39	4,705.65

Normative Parameters considered for Tariff Computation

Name of the Company

TNPGL

Name of the Power Station

Tuticorin Thermal Power Station (TTPS)

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%			14%
2	Target Availability	%	87.43%		79.82%
3	Target PLF	%	62.16%	55.00%	70.31%
4	Auxiliary Energy Consumption	%	8.59%	8.50%	9.00%
5	Gross Station Heat Rate	kCal/kWh	2600	2600	2,577.00
6	Specific Fuel Oil Consumption	ml/kWh	1.67	1.67	0.95
7	O&M Cost	in Crores	536.88	432.66	753.15
8	Cost of Fuel for Working Capital	in Months	2	2	2
9	O & M Expenses for Working Capital	in Months	1	1	1
10	Primary Fuel Stock for Working Capital	in Months	2	2	2
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	2	2	2
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2	2	2
14	Prime lending Rate of SBI	%	-	-	14.85%
15	Incentive Rate	Paise.kWh	-	-	25.00

Statement showing the performance of Station for FY 2023-24

Name of the Company

TNPGL

Name of the Power Station

Tuticorin Thermal Power Station (TTPS)

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	62.16%	55.00%	70.31%
2	Auxiliary consumption (in %)	8.59%	8.50%	9.00%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2600	2600	2,577.00
4	Average Gross Calorific value of Coal (Kcal / Kg)	2816.19	3123.69	2,885.30
5	Specific consumption of Coal (Kg / kWhr)	-	-	0.89
6	Specific consumption of Secondary fuel oil (MI / kWhr)	1.67	1.67	0.95
7	Operating Expenses (Rs in Lakhs)	-	-	54.49
8	Operation and Maintenance expenses (Rs in lakhs / MW)	536.88	432.66	71.73
9	Average cost of Coal (Rs / MT)	4118.03	4300	3,880.79
10	Average cost of Secondary fuel oil (Rs / Kl)	-	-	54,832.81

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

Tuticorin Thermal Power Station (TTPS)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			1,192.41
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			9.64
4	Total Equity (Rs. Crores)			1,202.05
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	167.61

Statement showing Interest and Finance Charges													Form 6
Name of the Company													
TNPGL													
Name of the Power Station													
Tuticorin Thermal Power Station (TTPS)													
Rs. Crores													
Sr. No	Particulars	FY 2022-2023 (Approved)			FY 2023-2024 (Approved)			FY 2023-2024 (True Up)			Interest		
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Repayment during the year		Closing Loan	
1	Loan Details							13,409.16	6,400.25	7,816.19	11,993.22	1,184.02	
2	Interest on meter caution deposit												
3	Interest on GPF / CPF												
4	Interest on deposit from employees											7.34	
5	Interest on Family Benefit Fund contribution												
6	Interest on TNEB Spl. PF cum Gratuity Scheme												
7	Cost of raising finance												
8	Bank charges											0.00	
9	Penal interest on E-Tax												
10	Guarantee Commission to Govt.												
11	Other Interest											0.72	
12	Interest												
13	Total			763.05			660.32					1,192.08	

Statement showing Interest and Finance Charges					Form 6C
Name of the Company					
TNPGL					
Name of the Power Station					
Tuticorin Thermal Power Station (TTPS)					
Rs. Crores					
Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24	
		Approved	Approved	True-up	
1	Total Interest	763.05	660.32	1,192.08	

ESTIMATE OF CAPITALIZATION

Name of the Company **TNPGCL**Name of the Power Station **Tuticorin Thermal Power Station (TTPS)**

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			21.99
	(a) Boilers/Plants			
	(b) Cooling towers and circulating water system			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			9.99
	(a) Offices and show rooms			
	(b) Containing thermo electric plants			
	(c) Temporary erections such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipmernt and other fixed aparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			0.00
10	Air-conditioning plants			
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings			0.15
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			
13	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
14	Capitalization as per plan		413.7	32.13
15	TOTAL		413.7	32.13

Form 10B

DEPRECIATIONName of the Company: **TNPGCL**Name of the Power Station: **Tuticorin Thermal Power Station (TTPS)**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)			2,778.68
2	Addition to GFA (Rs. Crores)			32.13
3	Closing GFA (Rs. Crores)			2,810.81
4	Average Rate of Depreciation (%)			4.85%
5	Depreciation (Rs. Crores)	151.11	171.64	134.80

COMPUTATION OF INTEREST ON WORKING CAPITALName of the Company: **TNPGCL**Name of the Power Station: **Tuticorin Thermal Power Station (TTPS)**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			373.32
2	Fuel Stock (Rs. Crore)			
3	Oil stock (Rs. Crore)			5.63
4	O & M expenses (Rs. Crore)			62.76
5	Maintenance Spares (Rs. Crore)			29.78
6	Receivables (Rs. Crore)			784.27
7	Total Working Capital (Rs. Crore)			1,255.76
8	Rate of Interest (in %)			14.85%
9	Interest on Working Capital (Rs. Crore)	131.71	109.75	186.48

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCEName of the Company: **TNPGCL**Name of the Power Station: **Tuticorin Thermal Power Station**
Rs. Crores

Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Plant & Machinery		202.92
2	Building		0.00
3	Civil Works		9.51
4	Hydraulic work		-
5	Lines & Cable network		0.00
6	Vehicles		0.01
7	Furniture & Fixtures		0.00
8	Office equipments		0.01
9	Other Expense		-
10	Allocation of Head Quarters Expenses		
11	Total Expenses	-	212.46
12	Net Repair & Maintenance expenses		212.46

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COSTName of the Company: **TNPGCL**Name of the Power Station: **Tuticorin Thermal Power Station****Rs. Crores**

Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Salary		143.38
2	Overtime wages		4.25
3	Dearness Allowance		63.07
4	Other Allowances		8.41
5	Bonus & Exgratia		1.66
	Total 1 - 5		220.78
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		9.07
9	Terminal benefits		18.18
10	Staff welfare expenses		0.50
11	Allocation of Head Quarters Expenses including pension		217.26
12	Other costs		-
13	Grand Total		465.79
14	Less: Capitalisation		0.00
15	Net Expenses		465.79

Form 13C			
OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATION AND GENERAL EXPENSE			
Name of the Company:		TNPGCL	
Name of the Power Station:		Tuticorin Thermal Power Station	
		Rs. Crores	
Sr. No	Particulars	Approved FY 2022-23	True-up FY 2023-24
1	Rent, Rate & Taxes		4.11
2	Insurance		0.51
3	Telephone / Postage / Telex		0.09
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		0.37
5	Conveyance & Travel		1.34
6	Miscellaneous Expenses		41.11
7	Freight		-
8	Other purchases related expenses		22.59
9	Allocation of Head Quarters Expenses/ Other Cost		4.78
10	Total expenses		74.90
11	Net Expenses		74.90

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSESName of the Company: **TNPGCL**Name of the Power Station: **Tuticorin Thermal Power Station**
Rs. Crores

Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Water Charges		11.95
2	Lubricants and Consumables		0.56
3	Station Auxiliaries		-
4	Other Fuel Related Cost		41.97
5	Shortage		-
6	Total expenses	-	54.49

Form 13E				
TOTAL OPERATION AND MAINTENANCE EXPENSE				
Name of the Company: TNPGCL				
Name of the Power Station: Tuticorin Thermal Power Station (TTPS)				
Rs. Crores				
Sr. No	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Net Repair & Maintenance Expenses			212.46
2	Net Employees Cost			465.79
3	Net Admn. & General Expnses			74.90
4	Total Operation and Maintenance Expenses	536.88	432.66	753.15

COST OF SECONDARY FUEL OILName of the Company: **TNPGCL**Name of the Power Station: **Tuticorin Thermal Power Station (TTPS)**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Capacity (in MW)	1,050	1,050	1,050
2	PLF (in %)	62.16%	55.00%	70.31%
3	Gross Generation (in MU)	5,680.04	5,059.02	6,485.13
4	Specific consumption of secondary fuel oil (MI / kWhr)	1.67	1.67	0.95
5	Quantum of secondary fuel oil required (in KI)	-	-	6,160.87
6	Weighted average rate of oil (Rs / KI)	-	-	54,832.81
7	Total cost of Secondary fuel (Rs.in Crores)	-	-	33.78

Form 18

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: Tuticorin Thermal Power Station (TTPS)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Interest on loan and advance to employees			56.66
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Miscellaneous Receipts			
8	Allocation from Head Quarters			
9	Delayed Payment Surcharges Collected from Consumers			
10	Income from Trading			
11	Income from Staff Welfare			
12	Income from other sources			
13	Total	46.27	36.98	56.66

CALCULATION OF WEIGHTED AVERAGE CALORIFIC VALUE OF COAL									
Form 19									
Name of the Company:					TNPGL				
Name of the Power Station:					Tuticorin Thermal Power Station (TTPS)				
Sl.No	Month / Area of sampling / testing	Type of Coal	average UHV	Moisture content (in %)	Ash content (in %)	Grade of coal	Calculation of corresponding Gross Calorific Value	Weighted average GCV with reference to blending (kcal / Kg)	
1	FY 2023-24	Indian							2,885.30
		Imported							

Form 20

CALCULATION OF AVERAGE LANDED COST OF COAL

Name of the Company: TNPGL

Name of the Power Station: Tuticorin Thermal Power Station (TTPS)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
I	Indegenious coal			
1	Cost of coal (Rs / MT)			
2	Ocean frieght (Rs / MT)			
3	Railway frieght (Rs / MT)			
4	Handling charges (Rs / MT)			
5	Total Cost (Rs / MT)	-	-	3,880.79
6	Total quantity of coal (in MT)	-	-	57,71,492.00
7	Average landed cost (Rs / MT)			
II	Imported Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			
5	Total quantity of coal (in MT)			
6	Average landed cost (Rs / MT)			
III	TNPL/SNC Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			
	Total Coal			
1	Total quantity of coal (in MT)	-	-	57,71,492.00
2	Average landed cost (Rs / MT)			
	Weighted average landed coal cost (Rs / MT)	4,118.03	4,300.00	3,880.79

FORM 22

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company: TNPGL

Name of the Power Station: Tuticorin Thermal Power Station (TTPS)

Sl. No	Description	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Capacity	MW	1,050	1,050	1,050
2	Gross generation	MU	5,680.04	5,059.02	6,485.13
3	Net Generation	MU	5,192.12	4,629.00	5,901.47
4	Auxiliary Consumption	%	8.59%	8.50%	9.00%
5	PLF	%	62.16%		70.31%
6	Gross Station Heat Rate	Kcal / kWhr	2,600.00	2,600.00	2,577.00
7	Average calorific value of oil	kcal / Kl			9,560.70
8	Average calorific value of Coal	kcal / Kg	2,816.19	3,123.69	2,885.30
9	Average landed cost of coal	Rs / MT	4,118.03	4,300.00	3,880.79
10	Average landed cost of Oil	Rs./KL	-	-	54,832.81
11	Heat contributed from Oil	Kcal / kWhr	-	-	58,902.25
12	Heat contributed from Coal	Kcal / kWhr	1,47,68,091.02	1,31,53,442.62	1,66,53,275.18
13	Specific consumption of coal	Kg / kWhr			0.89
14	Specific fuel oil consumption	ml / kWh	1.67	1.67	0.95
15	Rate of energy from Coal	Rs / kWhr	-	-	3.48
16	Rate of energy ex-bus	Rs / kWhr	-	-	3.80
17	Total energy cost of coal	Rs. Crores	-	-	2,239.90
18	Total energy cost of Oil	Rs. Crores	-	-	33.78
19	Total Variable Cost	Rs. Crores	2,224.20	1,835.00	2,273.68
20	Fuel Cost per Net Generation	Rs./Unit	4.26	3.96	3.85

Abstract for cost of generation															Form 23	
NAME OF THE COMPANY																
TNPGL																
NAME OF THE POWER STATION																
Tuticorin Thermal Power Station (TTPS)																
Sl. No	Station	FY 2022-23 (Approved)				FY 2023-24 (Approved)				FY 2023-24 (True Up)						
		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)
1	TTPS	5,192.12	1,536.48	2,224.20	3,760.68	7.24	4,629.00	1,337.39	1,835.00	3,172.39	6.85	5,901.47	2,431.96	2,273.69	4,705.65	7.97

ANNEXURE I

ARR FORMATS

Mettur Thermal Power Station I (MTPS I)

Form 1

Summary of ARR

NAME OF THE COMPANY

TNPGL

NAME OF THE POWER STATION

Mettur Thermal Power Station I (MTPS I)

Rs. Crores

Sr. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	133.62
2	Interest and Finance Charges	6C	455.60	394.06	570.82
3	Depreciation	10B	38.63	98.62	107.15
4	Interest on Working Capital	11	115.39	72.13	189.59
5	Operation and Maintenance Expenses	13E	364.00	351.83	550.04
6	Other Debits	16	-	-	-
7	Prior period credits / charges	17	-	-	-
8	Operating expenses	13D	-	-	20.94
9	Total Annual Fixed Cost		973.62	916.64	1,572.15
10	Less: Other Income	18	81.68	37.69	80.60
11	Net Annual Fixed Cost		891.95	878.95	1,491.55
II	Annual Variable Cost				
1	Primary Fuel Cost	22	-	-	2,851.22
2	Secondary Fuel Cost	14	-	-	15.46
3	Compensation due to backing down		-	-	5.29
4	Total Annual Variable Cost		2,229.45	2,359.00	2,871.96
III	Total Cost		3,121.40	3,237.95	4,363.51

Normative Parameters considered for Tariff Computation

Name of the Company

TNPGL

Name of the Power Station

Mettur Thermal Power Station I (MTPS I)

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%			14%
2	Target Availability	%	90.17%		90.20%
3	Target PLF	%	73.33%	70.00%	78.68%
4	Auxiliary Energy Consumption	%	8.56%	8.50%	9.04%
5	Gross Station Heat Rate	kCal/kWh	2491	2600	2,551.00
6	Specific Fuel Oil Consumption	ml/kWh	0.69	0.69	0.48
7	O&M Cost	in Crores	364.00	351.83	550.04
8	Cost of Fuel for Working Capital	in Months	2.00	2.00	2.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	2.00	2.00	2.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	2.00	2.00	2.00
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%			14.85%
15	Incentive Rate	Paise.kWh			25.00

Form 4

Statement showing the performance of Station for FY 2023-24

Name of the Company

TNPGL

Name of the Power Station

Mettur Thermal Power Station I (MTPS I)

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	73.33%	70.00%	78.68%
2	Auxiliary consumption (in %)	8.56%	8.50%	9.04%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2491	2600	2,551.00
4	Average Gross Calorific value of Coal (Kcal / Kg)	3029.06	3162.28	3,082.66
5	Specific consumption of Coal (Kg / kWhr)	0.83	0.83	0.83
6	Specific consumption of Secondary fuel oil (Ml / kWhr)	0.69	0.69	0.48
7	Operating Expenses (Rs in Lakhs)	-	-	20.94
8	Operation and Maintenance expenses (Rs in lakhs / MW)	43.33	41.88	65.48
9	Average cost of Coal (Rs / MT)	4986	5,500.00	5,946.11
10	Average cost of Secondary fuel oil (Rs / Kl)	-	-	56,053.36

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

Mettur Thermal Power Station I (MTPS I)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			953.93
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			1.03
4	Total Equity (Rs. Crores)			954.96
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	133.62

Statement showing Interest and Finance Charges												Form 6
TNPGL												
Mettur Thermal Power Station I (MTPS I)												
Sr. No	Particulars	FY 2022-2023 (Approved)			FY 2023-24 (Approved)			FY 2023-2024 (True Up)				Interest
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Repayment during the Year	Closing Loan	
1	Loan Details							7,999.79	3,818.33	4,663.07	7,155.05	563.94
2	Interest on meter caution deposit											
3	Interest on GPF / CPF											
4	Interest on deposit from employees											
5	Interest on Family Benefit Fund contribution											6.36
6	Interest on TNEB Spl. PF cum Gratuity Scheme											
7	Cost of raising finance											
8	Bank charges											0.0001
9	Penal interest on E-Tax											
10	Guarantee Commission to Govt.											
11	Other Interest											0.53
12	Interest											
13	Total			455.60			394.06					570.82

Statement showing Interest and Finance Charges												Form 6C
TNPGL												
Mettur Thermal Power Station I (MTPS I)												
Sr. No	Particulars	FY 2022-23			FY 2023-24			FY 2023-24				Interest
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Repayment during the Year	Closing Loan	
1	Total Interest			455.60			394.06					570.82

ESTIMATE OF CAPITALIZATION

Name of the Company

TNPGL

Name of the Power Station

Mettur Thermal Power Station I (MTPS I)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			1.41
	(a) Boilers/Plants			
	(b) Cooling towers and circulating water system			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			1.77
	(a) Offices and show rooms			
	(h) Containing thermo electric plants			
	(c) Temporary erections, such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipmernt and other fixed aparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			
10	Air-conditioning plants			
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings			0.25
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			
13	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
14	Capitalization as per plan		156.39	3.43
15	TOTAL	-	156.39	3.43

Form 10B

DEPRECIATION**Name of the Company:** TNPGL**Name of the Power Station:** Mettur Thermal Power Station I (MTPS I)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)			2431.14
2	Addition to GFA (Rs. Crores)			3.43
3	Closing GFA (Rs. Crores)			2,434.57
4	Average Rate of Depreciation (%)			4.41%
5	Depreciation (Rs. Crores)	38.63	98.62	107.15

COMPUTATION OF INTEREST ON WORKING CAPITAL

Name of the Company: **TNPGCL**Name of the Power Station: **Mettur Thermal Power Station I (MTPS I)**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			475.20
2	Fuel Stock (Rs. Crore)			
3	Oil stock (Rs. Crore)			2.58
4	O & M expenses (Rs. Crore)			45.84
5	Maintenance Spares (Rs. Crore)			25.80
6	Receivables (Rs. Crore)			727.25
7	Total Working Capital (Rs. Crore)			1,276.67
8	Rate of Interest (in %)			14.85%
9	Interest on Working Capital (Rs. Crore)	115.39	72.13	189.59

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCEName of the Company: **TNPGCL**Name of the Power Station: **Mettur Thermal Power Station I (MTPS I)****Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-Up
1	Plant & Machinery		131.67
2	Building		-
3	Civil Works		0.62
4	Hydraulic work		-
5	Lines & Cable network		0.00
6	Vehicles		0.02
7	Furniture & Fixtures		0.00
8	Office equipments		0.04
9	Other Expense		-
10	Allocation of Head Quarters Expenses		
11	Total Expenses		132.35
12	Net Repair & Maintenance expenses		132.35

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COST

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station I (MTPS I)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-Up
1	Salary		120.30
2	Overtime wages		3.03
3	Dearness Allowance		53.41
4	Other Allowances		9.83
5	Bonus & Exgratia		2.61
	Total 1 - 5		
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		8.33
9	Terminal benefits		17.34
10	Staff welfare expenses		0.03
11	Allocation of Head Quarters Expenses/ Other Cost including pension		185.74
12	Other costs		-
13	Grand Total		400.60
14	Less: Capitalisation		
15	Net Expenses		400.60

Form 13C

OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATION AND GENERAL EXPENSE**Name of the Company:****TNPGCL****Name of the Power Station:****Mettur Thermal Power Station I (MTPS I)****Rs. Crores**

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Rent, Rate & Taxes		1.05
2	Insurance		0.04
3	Telephone / Postage / Telex		0.06
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		0.42
5	Conveyance & Travel		-0.45
6	Miscellaneous Expenses		0.00
7	Freight		-
8	Other purchases related expenses		11.88
9	Allocation of Head Quarters Expenses/ Other Cost		4.08
10	Total expenses		17.08
11	Net Expenses		17.08

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSESName of the Company: **TNPGCL**Name of the Power Station: **Mettur Thermal Power Station I (MTPS I)****Rs. Crores**

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Water Charges		16.44
2	Lubricants and Consumables		0.06
3	Station Auxiliaries		
4	Other Fuel Related Cost		4.43
5	Shortage		
6	Total expenses	-	20.94

Form 13E				
TOTAL OPERATION AND MAINTENANCE EXPENSE				
Name of the Company:		TNPGCL		
Name of the Power Station:		Mettur Thermal Power Station I (MTPS I)		
Rs. Crores				
Sr. No	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Net Repair & Maintenance Expenses			132.35
2	Net Employees Cost			400.60
3	Net Admn. & General Expnses			17.08
4	Total Operation and Maintenance Expenses	364.00	351.83	550.04

COST OF SECONDARY FUEL OILName of the Company: **TNPGCL**Name of the Power Station: **Mettur Thermal Power Station I (MTPS I)**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Capacity (in MW)	840	840	840
2	PLF (in %)	73.33%	70.00%	78.68%
3	Gross Generation (in MU)	5,381.91	5,150.82	5805.20
4	Specific consumption of secondary fuel oil (MI / kWhr)	0.69	0.69	0.48
5	Quantum of secondary fuel oil required (in KI)	3,713.52	3,554.07	2,757.47
6	Weighted average rate of oil (Rs / KI)	-	-	56,053.36
7	Total cost of Secondary fuel (Rs.in Crores)	-	-	15.46

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station I (MTPS I)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-Up
1	Interest on loan and advance to employees			80.60
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Miscellaneous Receipts			
8	Allocation from Head Quarters			
9	Delayed Payment Surcharges Collected from Consumers			
10	Income from Trading			
11	Income from Staff Welfare			
12	Income from other sources			
13	Total	81.68	37.69	80.60

Form 19									
CALCULATION OF WEIGHTED AVERAGE CALORIFIC VALUE OF COAL									
Name of the Company:		TNPGL							
Name of the Power Station:		Mettur Thermal Power Station I (MTPS I)							
Sl.No	Month / Area of sampling / testing	Type of Coal	Average UHV	Moisture content (in %)	Ash content (in %)	Grade of coal	Calculation of corresponding Gross Calorific Value	Weighted average GCV with reference to blending (kcal / Kg)	
1	FY 2023-24	Indian Imported						3,082.66	

CALCULATION OF AVERAGE LANDED COST OF COAL

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station I (MTPS I)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
I	Indegenious coal			
1	Cost of coal (Rs / MT)			
2	Ocean frieght (Rs / MT)			
3	Railway frieght (Rs / MT)			
4	Handling charges (Rs / MT)			
5	Total Cost (Rs / MT)	-		5,800.97
6	Total quantity of coal (in MT)			47,13,791.88
7	Average landed cost (Rs / MT)			
II	Imported Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			14,166.61
5	Total quantity of coal (in MT)			83,228.70
6	Average landed cost (Rs / MT)			
III	TNPL/SNC Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			
	Total Coal			
1	Total quantity of coal (in MT)			47,97,020.58
2	Average landed cost (Rs / MT)			
	Weighted average landed coal cost (Rs / MT)	4,986.00	5,500.00	5,946.11

Actual Generation of Power

TNPGCL
Mettur Thermal Power Station I (MTPS I)

NAME OF THE COMPANY
NAME OF THE POWER STATION

Sl. No.	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)						
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	
1	MTPS I	840	73.33%	8.56%	5,381.91	4,921.22	70.00%	8.50%	5,150.82	4,713.00	78.68%	90.20%	9.04%	5805.20	5280.41

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company: **TNPGCL**Name of the Power Station: **Mettur Thermal Power Station I (MTPS I)**

Sl. No	Description	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Capacity	MW	840	840	840
2	Gross generation	MU	5381.91	5,150.82	5805.20
3	Net Generation	MU	4921.22	4713.00	5280.41
4	Auxiliary Consumption	%	8.56%	8.50%	9.04%
5	PLF	%	73.33%	70.00%	78.68%
6	Gross Station Heat Rate	Kcal / kWhr	2491	2600	2,551.00
7	Average calorific value of oil	kcal / Kl			9,940.00
8	Average calorific value of Coal	kcal / Kg	3029.06	3162.28	3,082.66
9	Average landed cost of coal	Rs / MT	4,986.00	5,500.00	5,946.11
10	Average landed cost of Oil	Rs./KL	-	-	56,053.36
11	Heat contributed from Oil	Kcal / kWhr	-	-	27,409.24
12	Heat contributed from Coal	Kcal / kWhr	1,34,06,341.89	1,33,92,131.15	1,47,81,650.86
13	Specific consumption of coal	Kg / kWhr	0.83	0.83	0.83
14	Specific fuel oil consumption	ml / kWh	0.69	0.69	0.48
15	Rate of energy from Coal	Rs / kWhr	4.15	4.58	4.95
16	Rate of energy ex-bus	Rs / kWhr	4.50	4.97	5.40
17	Total energy cost of coal	Rs. Crores	2,216.51	2,340.02	2,851.22
18	Total energy cost of Oil	Rs. Crores	-	-	15.46
19	Total Variable Cost	Rs. Crores	2,229.45	2,359.00	2,866.67
20	Fuel Cost per Net Generation	Rs./Unit	4.52	5.01	5.43

Form 23																
Abstract for cost of generation																
NAME OF THE COMPANY					TNPGL											
NAME OF THE POWER STATION					Mettur Thermal Power Station I (MTPS I)											
Sl No	Station	FY 2022-23 (Approved)				Cost per unit (in RS)	FY 2023-24 (Approved)				Cost per unit (in RS)	FY 2023-24 (True Up)				Cost per unit (in RS)
		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	
1	MTPS I	4921.22	891.95	2229.45	3121.40	6.34	4,713.00	878.95	2,359.00	3,237.95	6.87	5,280.41	1,491.55	2,871.96	4,363.51	8.26

ANNEXURE I

ARR FORMATS

North Chennai Thermal Power Station I (NCTPS I)

Form 1

Summary of ARR

NAME OF THE COMPANY

TNPGL

NAME OF THE POWER STATION

North Chennai Thermal Power Station I (NCTPS I)

Rs. Crores

Sr. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	100.17
2	Interest and Finance Charges	6C	822.42	685.01	1,390.79
3	Depreciation	10B	85.86	164.70	81.25
4	Interest on Working Capital	11	71.26	79.87	135.34
5	Operation and Maintenance Expenses	13E	281.24	313.36	726.58
6	Other Debits	16	-	-	-
7	Prior period credits / charges	17	-	-	-
8	Operating expenses	13D	-	-	17.84
9	Total Annual Fixed Cost		1,260.78	1,242.94	2,451.97
10	Less: Other Income	18	98.74	4.20	66.60
11	Net Annual Fixed Cost		1,162.04	1,238.74	2,385.37
II	Annual Variable Cost				
1	Primary Fuel Cost	22	-	-	1,258.71
2	Secondary Fuel Cost	14	-	-	22.10
3	Compensation due to backing down		-	-	0.01
4	Total Annual Variable Cost		1,028.04	1,181.00	1,280.82
III	Total Cost		2,190.08	2,419.74	3,666.19

Normative Parameters considered for Tariff Computation

Name of the Company

TNPGL

Name of the Power Station

North Chennai Thermal Power Station I (NCTPS I)

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%			14%
2	Target Availability	%	75.84%		71.62%
3	Target PLF	%	56.79%	65.00%	65.35%
4	Auxiliary Energy Consumption	%	8.56%	8.50%	10.11%
5	Gross Station Heat Rate	kCal/kWh	2483	2489	2,641.00
6	Specific Fuel Oil Consumption	ml/kWh	1.79	1.79	1.04
7	O&M Cost	in Crores	281.24	313.36	726.58
8	Cost of Fuel for Working Capital	in Months	2.00	2.00	2.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	2.00	2.00	2.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	2.00	2.00	2.00
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%	-	-	14.85%
15	Incentive Rate	Paise.kWh	-	-	25.00

Statement showing the performance of Station for FY 2023-24

Name of the Company

TNPGL

Name of the Power Station

North Chennai Thermal Power Station I (NCTPS I)

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	56.79%	65.00%	65.35%
2	Auxiliary consumption (in %)	8.56%	8.50%	10.11%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2483.00	2,489.00	2,641.00
4	Average Gross Calorific value of Coal (Kcal / Kg)	3081.22	3,252.52	3,047.75
5	Specific consumption of Coal (Kg / kWhr)	-	-	0.86
6	Specific consumption of Secondary fuel oil (Ml / kWhr)	1.79	1.79	1.04
7	Operating Expenses (Rs in Lakhs)	-	-	17.84
8	Operation and Maintenance expenses (Rs in lakhs / MW)	44.64	49.74	115.33
9	Average cost of Coal (Rs / MT)	3964.61	4,200.00	4,033.04
10	Average cost of Secondary fuel oil (Rs / Kl)	-	-	58,769.44

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

North Chennai Thermal Power Station I (NCTPS I)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			715.45
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			0.07
4	Total Equity (Rs. Crores)			715.52
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	100.17

Statement showing Interest and Finance Charges

Name of the Company

TNP GCL

Name of the Power Station

North Chennai Thermal Power Station I (NCTPS I)

Rs. Crores

Sr. No	Particulars	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True Up)				
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Repayment during the year	Closing Loan	Interest
1	Loan Details							14,555.80	6,947.55	8,484.56	13,018.78	1,383.81
2	Interest on meter caution deposit											
3	Interest on GPF / CPF											6.98
4	Interest on deposit from employees											
5	Interest on Family Benefit Fund contribution											
6	Interest on TNEB Spl. PF cum Gratuity Scheme											
7	Cost of raising finance											
8	Bank charges											0.00
9	Penal interest on E-Tax											
10	Guarantee Commission to Govt.											
11	Other Interest											0.00
12	Interest											
13	Total			822.42			685.01					1,390.79

Form 6C

Statement showing Interest and Finance Charges

Name of the Company

TNPGL

Name of the Power Station	North Chennai Thermal Power Station I (NCTPS I)
1. Name of the Power Station	North Chennai Thermal Power Station I (NCTPS I)

Sr. No	Particulars	FY 2022-23	FY 2023-24	Rs. Crores
		Approved	Approved	
1	Total Interest	822.42	685.01	1,390.79

ESTIMATE OF CAPITALIZATION

Name of the Company

TNPGL

Name of the Power Station

North Chennai Thermal Power Station I

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			0.19
	(a) Boilers/Plants			
	(b) Cooling towers and circulating water system			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			0.04
	(a) Offices and show rooms			
	(b) Containing thermo electric plants			
	(c) Temporary erections such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipmernt and other fixed aparatus (including plant foundations)			0.00
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			-
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Butterlies			-
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			-
9	Self propelled vehicles			0.00
10	Air-conditioning plants			-
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings			0.00
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			-
13	Communication equipments			-
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
14	Capitalization as per plan		151.19	0.23
15	TOTAL	-	151.19	0.23

Form 10B

DEPRECIATION

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station I (NCTPS I)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)			2,481.20
2	Addition to GFA (Rs. Crores)			0.23
3	Closing GFA (Rs. Crores)			2,481.43
4	Average Rate of Depreciation (%)			3.27%
5	Depreciation (Rs. Crores)	85.86	164.70	81.25

COMPUTATION OF INTEREST ON WORKING CAPITAL

Name of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station I (NCTPS I)**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			209.78
2	Fuel Stock (Rs. Crore)			
3	Oil stock (Rs. Crore)			3.68
4	O & M expenses (Rs. Crore)			60.55
5	Maintenance Spares (Rs. Crore)			26.30
6	Receivables (Rs. Crore)			611.03
7	Total Working Capital (Rs. Crore)			911.35
8	Rate of Interest (in %)			14.85%
9	Interest on Working Capital (Rs. Crore)	71.26	79.87	135.34

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCE

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station I (NCTPS I)

Rs. Crores

Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Plant & Machinery		422.14
2	Building		0.01
3	Civil Works		5.41
4	Hydraulic work		-
5	Lines & Cable network		0.00
6	Vehicles		0.01
7	Furniture & Fixtures		0.00
8	Office equipments		0.00
9	Other Expense		-
10	Allocation of Head Quarters Expenses		
11	Total Expenses		427.56
12	Net Repair & Maintenance expenses		427.56

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COST

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station I (NCTPS I)

Rs. Crores

Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Salary		92.62
2	Overtime wages		1.00
3	Dearness Allowance		41.39
4	Other Allowances		2.05
5	Bonus & Exgratia		2.22
	Total 1 - 5		139.28
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		0.34
9	Terminal benefits		17.04
10	Staff welfare expenses		0.02
11	Allocation of Head Quarters Expenses/ Other Cost including pension		136.96
12	Other costs		-
13	Grand Total		293.63
14	Less: Capitalisation		
15	Net Expenses		293.63

Form 13C			
OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATION AND EMPLOYEE EXPENSE			
Name of the Company:		TNPGL	
Name of the Power Station:		North Chennai Thermal Power Station I (NCTPS I)	
Rs. Crores			
Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Rent, Rate & Taxes		0.48
2	Insurance		0.00
3	Telephone / Postage / Telex		-0.50
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		1.65
5	Conveyance & Travel		1.72
6	Miscellaneous Expenses		0.30
7	Freight		-
8	Other purchases related expenses		-1.27
9	Allocation of Head Quarters Expenses/ Other Cost		3.01
10	Total expenses		5.40
11	Net Expenses		5.40

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSESName of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station I (NCTPS I)**
Rs. Crores

Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Water Charges		11.92
2	Lubricants and Consumables		0.10
3	Station Auxiliaries		-
4	Other Fuel Related Cost		5.83
5	Shortage		
6	Total expenses	-	17.84

Form 13E

TOTAL OPERATION AND MAINTENANCE EXPENSE**Name of the Company:** TNPGL**Name of the Power Station:** North Chennai Thermal Power Station I (NCTPS I)**Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Net Repair & Maintenance Expenses			427.56
2	Net Employees Cost			293.63
3	Net Admn. & General Expnses			5.40
4	Total Operation and Maintenance Expenses	281.24	313.36	726.58

COST OF SECONDARY FUEL OIL

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station I (NCTPS I)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Capacity (in MW)	630	630	630
2	PLF (in %)	56.79%	65.00%	65.35%
3	Gross Generation (in MU)	3,092.96	3,586.89	3,616.45
4	Specific consumption of secondary fuel oil (Ml / kWhr)	1.79	1.79	1.04
5	Quantum of secondary fuel oil required (in Kl)	5,536.39	6,420.52	3,761.11
6	Weighted average rate of oil (Rs / Kl)	-	-	58769.44
7	Total cost of Secondary fuel (Rs.in Crores)	-	-	22.10

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station I (NCTPS I)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Interest on loan and advance to employees			66.60
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Miscellaneous Receipts			
8	Allocation from Head Quarters			
9	Delayed Payment Surcharges Collected from Consumers			
10	Income from Trading			
11	Income from Staff Welfare			
12	Income from other sources			
13	Total	98.74	4.20	66.60

CALCULATION OF WEIGHTED AVERAGE CALORIFIC VALUE OF COAL

Name of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station I (NCTPS I)**

Sl.No	Month / Area of sampling / testing	Type of Coal	average UHV	Moisture content (in %)	Ash content (in %)	Grade of coal	Calculation of corresponding Gross Calorific Value	Weighted average GCV with reference to blending (kcal / Kg)
1	FY 2023-24	Indian Imported						3,047.75

CALCULATION OF AVERAGE LANDED COST OF COAL

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station I (NCTPS I)

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
I	Indegenious coal			
1	Cost of coal (Rs / MT)			
2	Ocean frieght (Rs / MT)			
3	Railway frieght (Rs / MT)			
4	Handling charges (Rs / MT)			
5	Total Cost (Rs / MT)	-		3,895.00
6	Total quantity of coal (in MT)			31,47,909
7	Average landed cost (Rs / MT)			
II	Imported Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			12,246.20
5	Total quantity of coal (in MT)			52,905.80
6	Average landed cost (Rs / MT)			
III	TNPL/SNC Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			
	Total Coal			
1	Total quantity of coal (in MT)			32,00,814.82
2	Average landed cost (Rs / MT)			
	Weighted average landed coal cost (Rs / MT)	3,964.61	4,200.00	4,033.04

Actual Generation of Power											
NAME OF THE COMPANY			TNPGL								
NAME OF THE POWER STATION			North Chennai Thermal Power Station I (NCTPS I)								
Sl.No	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)		
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	Net (in MU)
1	NCTPS I	630	56.79%	8.56%	3,092.96	2828.20	65%	8.50%	3,586.89	3282.00	3250.83

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company: TNPCL

Name of the Power Station: North Chennai Thermal Power Station I (NCTPS I)

Sl. No	Description	Unit	Approved	Approved	True-Up
			FY 2022-23	FY 2023-24	FY 2023-24
1	Capaci	MW	630	630	630
2	Gross generation	MU	3092.95713	3,586.89	3616.45
3	Net Generation	MU	2828.20	3282.00	3250.83
4	Auxiliary Consumption	%	8.56%	8.50%	10.11%
5	PLF	%	56.79%	65.00%	65.35%
6	Gross Station Heat Rate	Kcal / kWhr	2,483.00	2,489.00	2,641.00
7	Average calorific value of oil	kcal / Kl			10,373.46
8	Average calorific value of Coal	kcal / Kg	3081.22	3252.52	3,047.75
9	Average landed cost of coal	Rs / MT	3964.61	4,200.00	4,033.04
10	Average landed cost of Oil	Rs./KL	-	-	58,769.44
11	Heat contributed from Oil	Kcal / kWhr	-	-	39,015.70
12	Heat contributed from Coal	Kcal / kWhr	76,79,812.55	89,27,757.38	95,12,028.75
13	Specific consumption of coal	Kg / kWhr			0.86
14	Specific fuel oil consumption	MI / kWh	1.79	1.79	1.04
15	Rate of energy from Coal	Rs / kWhr	-	-	3.52
16	Rate of energy ex-bus	Rs / kWhr	-	-	3.87
17	Total energy cost of coal	Rs. Crores	-	-	1,258.71
18	Total energy cost of Oil	Rs. Crores	-	-	22.10
19	Total Variable Cost	Rs. Crores	1,028.04	1,181.00	1,280.81
20	Fuel Cost per Net Generation	Rs./Unit	3.59	3.60	3.94

Abstract for cost of generation															Form 23	
NAME OF THE COMPANY					TNPGL											
NAME OF THE POWER STATION					North Chennai Thermal Power Station I (NCTPS I)											
Sl. No	Station	FY 2022-23 (Approved)				FY 2023-24 (Approved)				FY 2023-24 (True Up)						
		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)
1	NCTPS I	2828.20	1162.04	1028.04	2190.08	7.74	3282.00	1,238.74	1,181.00	2,419.74	7.37	3,250.83	2,385.37	1,280.82	3,666.19	11.28

ANNEXURE I

ARR FORMATS

North Chennai Thermal Power Station II (NCTPS II)

Form 1					
Summary of ARR					
NAME OF THE COMPANY		TNPGL			
NAME OF THE POWER STATION		North Chennai Thermal Power Station II (NCTPS II)			
Rs. Crores					
Sr. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	191.53
2	Interest and Finance Charges	6C	639.47	404.51	633.51
3	Depreciation	10B	459.54	289.61	221.92
4	Interest on Working Capital	11	117.51	86.08	175.23
5	Operation and Maintenance Expenses	13E	349.62	181.78	383.65
6	Other Debits	16	-	-	-
7	Prior period credits / charges	17	-	-	-
8	Operating expenses	13D	-	-	31.06
9	Total Annual Fixed Cost		1,566.14	961.98	1,636.90
10	Less: Other Income	18	25.64	6.42	32.48
11	Net Annual Fixed Cost		1,540.50	955.56	1,604.42
II	Annual Variable Cost				
1	Primary Fuel Cost	22	-	-	2,447.12
2	Secondary Fuel Cost	14	-	-	28.67
3	Compensation due to backing down		-	-	0.02
4	Total Annual Variable Cost		2,075.13	2,310.00	2,475.81
III	Total Cost		3,615.63	3,265.56	4,080.24

Normative Parameters considered for Tariff Computation

Name of the Company **TNPGCL**Name of the Power Station **North Chennai Thermal Power Station II (NCTPS II)**

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%			14%
2	Target Availability	%	74.63%		61.37%
3	Target PLF	%	51.75%	60.00%	60.43%
4	Auxiliary Energy Consumption	%	7.02%	7.00%	7.17%
5	Gross Station Heat Rate	kCal/kWh	2499	2597	2,548.18
6	Specific Fuel Oil Consumption	ml/kWh	1.10	1.10	0.77
7	O&M Cost	in Crores		181.78	383.65
8	Cost of Fuel for Working Capital	in Months	2.00	2.00	2.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	2.00	2.00	2.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	2.00	2.00	2.00
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%			14.85%
15	Incentive Rate	Paise.kWh			25.00

Form 4

Statement showing the performance of Station for FY 2023-24

Name of the Company

TNPGL

Name of the Power Station

North Chennai Thermal Power Station II

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	51.75%	60.00%	60.43%
2	Auxiliary consumption (in %)	0.0702	7.00%	7.17%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2499	2597	2,548.18
4	Average Gross Calorific value of Coal (Kcal / Kg)	3058.27	3227.94	3,067.70
5	Specific consumption of Coal (Kg / kWhr)	-	-	0.83
6	Specific consumption of Secondary fuel oil (Ml / kWhr)	1.10	1.10	0.77
7	Operating Expenses (Rs in Lakhs)	-	-	31.06
8	Operation and Maintenance expenses (Rs in lakhs / MW)	29.14	15.15	31.97
9	Average cost of Coal (Rs / MT)	4596.76	4,500.00	4,639.65
10	Average cost of Secondary fuel oil (Rs / Kl)	-	-	58,151.53

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

North Chennai Thermal Power Station II

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			1,362.76
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			10.69
4	Total Equity (Rs. Crores)			1,373.45
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	191.53

Statement showing Interest and Finance Charges					Form 6C
Name of the Company		TNPGL			
Name of the Power Station		North Chennai Thermal Power Station II			Rs. Crores
Sr. No	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up	
1	Total Interest	639.47	404.51		633.51

ESTIMATE OF CAPITALIZATION

Name of the Company

TNPGL

Name of the Power Station

North Chennai Thermal Power Station II (NCTPS II)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			35.54
	(a) Boilers/Plants			
	(b) Cooling towers and circulating water system			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			0.00
	(a) Offices and show rooms			
	(b) Containing thermo electric plants			
	(c) Temporary erections such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipmernt and other fixed aparatus (including plant foundations)			-
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			0
5	Lightening arresters			0
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			0
7	(a) Underground cables including joint boxes and disconnected boxes			0
	(b) Cable duct systems			
8	Meters			0
9	Self propelled vehicles			0.00
10	Air-conditioning plants			
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings			0.11
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			
13	Communication equipments			
	(a) Radio and higher frequency carrier system			0.00
	(b) Telephone lines and telephones			
14	Capitalization as per plan		988.12	35.65
15	TOTAL	-	988.12	35.65

Form 10B				
DEPRECIATION				
Name of the Company:		TNPGCL		
Name of the Power Station:		North Chennai Thermal Power Station II		
Sr. No	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Opening GFA (Rs. Crores)			5,191.45
2	Addition to GFA (Rs. Crores)			35.65
3	Closing GFA (Rs. Crores)			5,227.10
4	Average Rate of Depreciation (%)			4.27%
5	Depreciation (Rs. Crores)	459.54	289.61	221.92

COMPUTATION OF INTEREST ON WORKING CAPITALName of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station II**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			407.85
2	Fuel Stock (Rs. Crore)			
3	Oil stock (Rs. Crore)			4.78
4	O & M expenses (Rs. Crore)			31.97
5	Maintenance Spares (Rs. Crore)			55.39
6	Receivables (Rs. Crore)			680.04
7	Total Working Capital (Rs. Crore)			1,180.03
8	Rate of Interest (in %)			14.85%
9	Interest on Working Capital (Rs. Crore)	117.51	86.08	175.23

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCEName of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station II**
Rs. Crores

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Plant & Machinery		230.07
2	Building		0.09
3	Civil Works		8.72
4	Hydraulic work		-
5	Lines & Cable network		0.10
6	Vehicles		0.38
7	Furniture & Fixtures		0.00
8	Office equipments		0.00
9	Other Expense		-
10	Allocation of Head Quarters Expenses		
11	Total Expenses		239.37
12	Net Repair & Maintenance expenses		239.37

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COSTName of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station II**
Rs. Crores

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Salary		41.46
2	Overtime wages		0.50
3	Dearness Allowance		18.59
4	Other Allowances		2.01
5	Bonus & Exgratia		0.18
	Total 1 - 5		62.73
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		0.19
9	Terminal benefits		6.74
10	Staff welfare expenses		0.00
11	Allocation of Head Quarters Expenses/ Other Cost including pension		60.90
12	other costs		-
13	Grand Total		130.55
14	Less: Capitalisation		1.21
15	Net Expenses		129.34

Form 13C

OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATION AND GENERAL EXPENSE**Name of the Company:****TNPGCL****Name of the Power Station:****North Chennai Thermal Power Station II****Rs. Crores**

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Rent, Rate & Taxes		0.32
2	Insurance		0.00
3	Telephone / Postage / Telex		0.85
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		0.59
5	Conveyance & Travel		1.31
6	Miscellaneous Expenses		1.29
7	Freight		-
8	Other purchases related expenses		9.23
9	Allocation of Head Quarters Expenses/ Other Cost		1.34
10	Total expenses		14.94
11	Net Expenses		14.94

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSESName of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station II****Rs. Crores**

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Water Charges		27.48
2	Lubricants and Consumables		0.15
3	Station Auxiliaries		-
4	Other Fuel Related Cost		3.43
5	Shortage	-	-
6	Total expenses		31.06

Form 13E

TOTAL OPERATION AND MAINTENANCE EXPENSEName of the Company: **TNPGCL**Name of the Power Station: **North Chennai Thermal Power Station II****Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Net Repair & Maintenance Expenses			239.37
2	Net Employees Cost			129.34
3	Net Admn. & General Expnses			14.94
4	Total Operation and Maintenance Expenses	349.62	181.78	383.65

COST OF SECONDARY FUEL OIL**Form 14****Name of the Company:****TNPGCL****Name of the Power Station:****North Chennai Thermal Power Station II**

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	Capacity (in MW)	1200	1200	1200
2	PLF (in %)	51.75%	60.00%	60.43%
3	Gross Generation (in MU)	5381.18	6,307.53	6370.02
4	Specific consumption of secondary fuel oil (MI / kWhr)	1.10	1.10	0.77
5	Quantum of secondary fuel oil required (in KI)	5,919.30	6,938.28	4,930.39
6	Weighted average rate of oil (Rs / KI)	-	-	58151.53
7	Total cost of Secondary fuel (Rs.in Crores)	-	-	28.67

STATEMENT SHOWING OTHER INCOME

Name of the Company:

TNPGL

Name of the Power Station:

North Chennai Thermal Power Station II

Rs. Crores

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	Interest on loan and advance to employees			32.48
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Miscellaneous Receipts			
8	Allocation from Head Quarters			
9	Delayed Payment Surcharges Collected from Consumers			
10	Income from Trading			
11	Income from Staff Welfare			
12	Income from other sources			
13	Total	25.64	6.42	32.48

CALCULATION OF WEIGHTED AVERAGE CALORIFIC VALUE OF COAL

Name of the Company:

TNPGL

Name of the Power Station:

North Chennai Thermal Power Station II (NCTPS II)

Sl.No	Month / Area of sampling / testing	Type of Coal	average UHV	Moisture content (in %)	Ash content (in %)	Grade of coal	Calculation of corresponding Gross Calorific Value	Weighted average GCV with reference to blending (kcal / Kg)
1	FY 2023-24	Indian Imported						3,067.70

Form 20

CALCULATION OF AVERAGE LANDED COST OF COAL

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station II

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
I	Indegenious coal			
1	Cost of coal (Rs / MT)			
2	Ocean frieght (Rs / MT)			
3	Railway frieght (Rs / MT)			
4	Handling charges (Rs / MT)			
5	Total Cost (Rs / MT)	-		4,198.00
6	Total quantity of coal (in MT)			49,91,337.00
7	Average landed cost (Rs / MT)			
II	Imported Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			12,362.77
5	Total quantity of coal (in MT)			2,85,431.00
6	Average landed cost (Rs / MT)			
III	TNPL/SNC Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			
	Total Coal			
1	Total quantity of coal (in MT)			52,76,768.00
2	Average landed cost (Rs / MT)			
	Weighted average landed coal cost (Rs / MT)	4,596.76	4,500.00	4,639.65

Actual Generation of Power												Form 21		
NAME OF THE COMPANY			TNPGL											
NAME OF THE POWER STATION			North Chennai Thermal Power Station II (NCTPS II)											
Sl.No	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)			Net (in MU)		
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	Aux. Consu. (in %)		Gross (in MU)	
1	NCTPS II	1200	51.75%	7.02%	5,381.18	5003.42	60.00%	7.00%	6,307.53	5866.00	60.43%	7.17%	6370.02	5913.28

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company: TNPGL

Name of the Power Station: North Chennai Thermal Power Station II (NCTPS II)

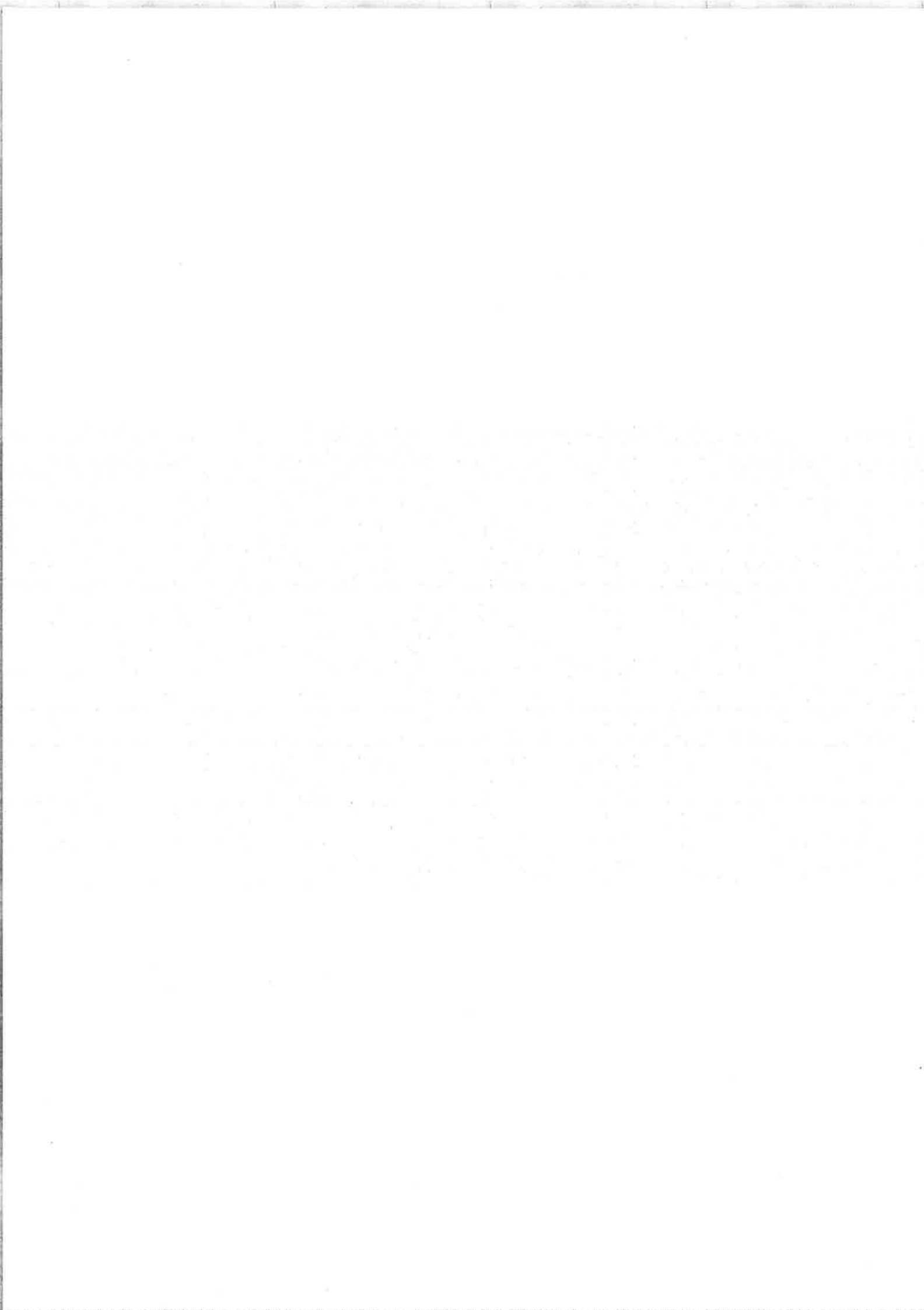
Sl. No	Description	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Capacity	MW	1200	1200	1200
2	Gross generation	MU	5381.18	6,307.53	6370.02
3	Net Generation	MU	5003.42	5866.00	5913.28
4	Auxiliary Consumption	%	7.02%	7.00%	7.17%
5	PLF	%	0.5175	60.00%	60.43%
6	Gross Station Heat Rate	Kcal / kWhr	2499	2597	2,548.00
7	Average calorific value of oil	kcal / Kl			10,263.00
8	Average calorific value of Coal	kcal / Kg	3058.27	3227.94	3,067.70
9	Average landed cost of coal	Rs / MT	4596.76	4,500.00	4,639.65
10	Average landed cost of Oil	Rs./KL	-	-	58,151.53
11	Heat contributed from Oil	Kcal / kWhr	-	-	50,600.61
12	Heat contributed from Coal	Kcal / kWhr	1,34,47,565.69	1,63,80,647.31	1,61,80,197.61
13	Specific consumption of coal	Kg / kWhr	0.85	0.85	0.83
14	Specific fuel oil consumption	MI / kWh	1.10	1.10	0.77
15	Rate of energy from Coal	Rs / kWhr	3.93	3.84	3.86
16	Rate of energy ex-bus	Rs / kWhr	4.20	4.11	4.14
17	Total energy cost of coal	Rs. Crores	2,102.56	2,412.63	2,447.12
18	Total energy cost of Oil	Rs. Crores	-	-	28.67
19	Total Variable Cost	Rs. Crores	2,075.13	2,310.00	2,475.79
20	Fuel Cost per Net Generation	Rs./Unit	4.1	3.94	4.19

Abstract for cost of generation													Form 23		
NAME OF THE COMPANY															
TNPGL															
NAME OF THE POWER STATION															
North Chennai Thermal Power Station II (NCTPS II)															
Station	FY 2022-23 (Approved)				FY 2023-24 (Approved)				FY 2023-24 (True Up)				Cost per unit (in RS)		
	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)		EC (Rs.in Crs)	Total (Rs.in Crs)
NCTPS II	5003.42	1540.50	2075.13	3615.63	7.23	5866.00	955.56	2310.00	3265.56	5.57	5913.28	1604.42	2475.81	4080.24	6.90

ANNEXURE I

ARR FORMATS

Mettur Thermal Power Station II (MTPS II)



Form 1					
Summary of ARR					
NAME OF THE COMPANY		TNPGL			
NAME OF THE POWER STATION		Mettur Thermal Power Station II (MTPS II)			
Rs. Crores					
Sr. No	Particulars	Reference to Form	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	95.57
2	Interest and Finance Charges	6C	410.10	365.01	613.67
3	Depreciation	10B	243.16	406.99	102.91
4	Interest on Working Capital	11	101.15	130.94	126.67
5	Operation and Maintenance Expenses	13E	262.87	298.41	258.22
6	Other Debits	16	-	-	-
7	Prior period credits / charges	17	-	-	-
8	Operating expenses	13D	-	-	10.77
9	Total Annual Fixed Cost		1,017.28	1,201.35	1,207.81
10	Less: Other Income	18	38.07	17.84	48.48
11	Net Annual Fixed Cost		979.21	1,183.51	1,159.33
II	Annual Variable Cost				
1	Primary Fuel Cost	22	-	-	1,831.09
2	Secondary Fuel Cost	14	-	-	11.07
3	Compensation due to backing down		-	-	11.63
4	Total Annual Variable Cost		1,500.36	1,463.00	1,853.79
III	Total Cost		2,479.57	2,646.51	3,013.12

Normative Parameters considered for Tariff Computation

Name of the Company

TNPGL

Name of the Power Station

Mettur Thermal Power Station II (MTPS II)

Sr. No.	Particulars	Unit	Approved	Approved	True-Up
			FY 2022-23	FY 2023-24	FY 2023-24
1	Rate of Return on Equity	%	14%		14%
2	Target Availability	%	84.38%		78.23%
3	Target PLF	%	57.09%	60.00%	60.76%
4	Auxiliary Energy Consumption	%	7.07%	7.00%	7.595%
5	Gross Station Heat Rate	kCal/kWh	2419	2597	2,519.00
6	Specific Fuel Oil Consumption	ml/kWh	0.88	0.88	0.53
7	O&M Cost	in Crores	262.87	298.41	258.22
8	Cost of Fuel for Working Capital	in Months	2.00	2.00	2.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	2.00	2.00	2.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	2.00	2.00	2.00
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%			14.85%
15	Incentive Rate	Paise.kWh			25.00

Form 4

Statement showing the performance of Station for FY 2023-24

Name of the Company

TNPGL

Name of the Power Station

Mettur Thermal Power Station II (MTPS II)

Sr. No.	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	PLF (in %)	57.09%	60.00%	60.76%
2	Auxiliary consumption (in %)	7.07%	7.00%	7.595%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2419	2597	2,519.00
4	Average Gross Calorific value of Coal (Kcal / Kg)	3065.16	3202.78	3,150.42
5	Specific consumption of Coal (Kg / kWhr)	0.81	0.81	0.80
6	Specific consumption of Secondary fuel oil (Ml / kWhr)	0.88	0.88	0.53
7	Operating Expenses (Rs in Lakhs)	-	-	10.77
8	Operation and Maintenance expenses (Rs in lakhs / MW)	43.81	49.74	43.04
9	Average cost of Coal (Rs / MT)	6294.57	5,600.00	7,165.82
10	Average cost of Secondary fuel oil (Rs / Kl)	-	-	64,730.88

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

Mettur Thermal Power Station II (MTPS II)

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	Equity at the beginning (Rs. Crores)			681.38
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			2.52
4	Total Equity (Rs. Crores)			683.90
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	95.57

ESTIMATE OF CAPITALIZATION

Name of the Company **TNPGCL**Name of the Power Station **Mettur Thermal Power Station II (MTPS II)**

Rs. Crores

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	(a) Plant and machinery in generating Stations including plant foundations			1.38
	(a) Boilers/Plants			
	(b) Cooling towers and circulating water system			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			6.94
	(a) Offices and show rooms			
	(b) Containing thermo electric plants			
	(c) Temporary erections such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipmernt and other fixed aparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			0.00
10	Air-conditioning plants			
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings			0.07
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			
13	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
14	Capitalization as per plan		30.87	8.39
15	TOTAL	-	30.87	8.39

Form 10B

DEPRECIATIONName of the Company: **TNPGCL**Name of the Power Station: **Mettur Thermal Power Station II (MTPS II)**

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	Opening GFA (Rs. Crores)			2,093.09
2	Addition to GFA (Rs. Crores)			8.39
3	Closing GFA (Rs. Crores)			2,101.48
4	Average Rate of Depreciation (%)			4.92%
5	Depreciation (Rs. Crores)	243.16	406.99	102.91

COMPUTATION OF INTEREST ON WORKING CAPITAL

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station II (MTPS II)

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	Fuel Cost (Rs. Crore)			305.18
2	Fuel Stock (Rs. Crore)			
3	Oil stock (Rs. Crore)			1.85
4	O & M expenses (Rs. Crore)			21.52
5	Maintenance Spares (Rs. Crore)			22.27
6	Receivables (Rs. Crore)			502.19
7	Total Working Capital (Rs. Crore)			853.00
8	Rate of Interest (in %)			14.85%
9	Interest on Working Capital (Rs. Crore)	101.15	130.94	126.67

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCE

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station II (MTPS II)

Rs. Crores

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Plant & Machinery		145.35
2	Building		-
3	Civil Works		0.21
4	Hydraulic work		-
5	Lines & Cable network		0.02
6	Vehicles		-0.00
7	Furniture & Fixtures		0.36
8	Office equipments		-0.03
9	Other Expense		-
10	Allocation of Head Quarters Expenses		
11	Total Expenses		145.91
12	Net Repair & Maintenance expenses		145.91

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COST

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station II (MTPS II)

Rs. Crores

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Salary		34.56
2	Overtime wages		0.96
3	Dearness Allowance		15.29
4	Other Allowances		1.42
5	Bonus & Exgratia		0.21
	Total 1 - 5		52.45
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		0.98
9	Terminal benefits		3.84
10	Staff welfare expenses		0.00
11	Allocation of Head Quarters Expenses/ Other Cost including Pension		50.06
12	other costs		-
13	Grand Total		107.34
14	Less: Capitalisation		0.28
15	Net Expenses		107.05

Form 13C

OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATION AND GENERAL EXPENSE**Name of the Company:** TNPGL**Name of the Power Station:** Mettur Thermal Power Station II (MTPS II)

Rs. Crores

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Rent, Rate & Taxes		0.44
2	Insurance		0.00
3	Telephone / Postage / Telex		-0.66
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		0.17
5	Conveyance & Travel		0.82
6	Miscellaneous Expenses		0.57
7	Freight		-
8	Other purchases related expenses		2.81
9	Allocation of Head Quarters Expenses/ Other Cost		1.10
10	Total expenses		5.25
11	Net Expenses		5.25

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSES

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station II (MTPS II)

Rs. Crores

Sr. No	Particulars	Approved	True-Up
		FY 2022-23	FY 2023-24
1	Water Charges		0.51
2	Lubricants and Consumables		1.80
3	Station Auxiliaries		-
4	Other Fuel Related Cost		8.46
5	Shortage		-
6	Total expenses	-	10.77

Form 13E				
TOTAL OPERATION AND MAINTENANCE EXPENSE				
Name of the Company:		TNPGL		
Name of the Power Station:		Mettur Thermal Power Station II (MTPS II)		
Rs. Crores				
Sr. No	Particulars	Approved FY 2022-23	Approved FY 2023-24	True-Up FY 2023-24
1	Net Repair & Maintenance Expenses			145.91
2	Net Employees Cost			107.05
3	Net Admn. & General Expnses			5.25
4	Total Operation and Maintenance Expenses	262.87	298.41	258.22

COST OF SECONDARY FUEL OILName of the Company: **TNPGCL**Name of the Power Station: **Mettur Thermal Power Station II (MTPS II)**

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	Capacity (in MW)	600	600	600
2	PLF (in %)	57.09%	60.00%	60.76%
3	Gross Generation (in MU)	2981.028731	3,153.76	3202.15
4	Specific consumption of secondary fuel oil (ML / kWhr)	0.88	0.88	0.53
5	Quantum of secondary fuel oil required (in Kl)	-	-	1,710.36
6	Weighted average rate of oil (Rs / Kl)	-	-	64730.88
7	Total cost of Secondary fuel (Rs.in Crores)	-	-	11.07

Form 18

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: Mettur Thermal Power Station II (MTPS II)

Rs. Crores

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
1	Interest on loan and advance to employees			48.48
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Miscellaneous Receipts			
8	Allocation from Head Quarters			
9	Delayed Payment Surcharges Collected from Consumers			
10	Income from Trading			
11	Income from Staff Welfare			
12	Income from other sources			
13	Total	38.07	17.84	48.48

CALCULATION OF AVERAGE LANDED COST OF COAL

Name of the Company:

TNPGL

Name of the Power Station:

Mettur Thermal Power Station II (MTPS II)

Sr. No	Particulars	Approved	Approved	True-Up
		FY 2022-23	FY 2023-24	FY 2023-24
I	Indegenious coal			
1	Cost of coal (Rs / MT)			
2	Ocean frieght (Rs / MT)			
3	Railway frieght (Rs / MT)			
4	Handling charges (Rs / MT)			
5	Total Cost (Rs / MT)			5,800.97
6	Total quantity of coal (in MT)			21,38,515.81
7	Average landed cost (Rs / MT)			
II	Imported Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			14,166.61
5	Total quantity of coal (in MT)			4,16,919.16
6	Average landed cost (Rs / MT)			
III	TNPL/SNC Coal			
1	Cost of coal (Rs / MT)			
2	Railway frieght (Rs / MT)			
3	Handling charges (Rs / MT)			
4	Total Cost (Rs / MT)			
	Total Coal			
1	Total quantity of coal (in MT)			25,55,434.97
2	Average landed cost (Rs / MT)			
	Weighted average landed coal cost (Rs / MT)	6,294.57	5,600.00	7,165.82

Actual Generation of Power													Form 21	
NAME OF THE COMPANY			TNPGL											
NAME OF THE POWER STATION			Mettur Thermal Power Station II (MTPS II)											
Sl. No	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)					
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	Aux. Consu. (in %)	PLF (in %)	Gross (in MU)	Net (in MU)
1	MTPS II	600	57.09%	7.07%	2.98 .03	2770.27	80%	7%	3,153.76	2933.00	60.76%	7.595%	3202.15	2958.95

FORM 22

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company:

TNPGL

Name of the Power Station:

Mettur Thermal Power Station II (MTPS II)

Sl. No	Description	Unit	Approved	Approved	True-Up
			FY 2022-23	FY 2023-24	FY 2023-24
1	Capaciy	MW	600	600	600
2	Gross generation	MU	2981.028731	3,153.76	3202.15
3	Net Generation	MU	2770.27	2933.00	2958.95
4	Auxiliary Consumption	%	7.07%	7.00%	7.60%
5	PLF	%	57.09%	60.00%	60.76%
6	Gross Station Heat Rate	Kcal / kWhr	2419	2597	2,519.00
7	Average calorific value of oil	kcal / Kl			9,367.28
8	Average calorific value of Coal	kcal / Kg	3065.16	3202.78	3,150.42
9	Average landed cost of coal	Rs / MT	6294.57	5,600.00	7,165.82
10	Average landed cost of Oil	Rs./KL	-	-	64,730.88
11	Heat contributed from Oil	Kcal / kWhr	-	-	15,897.58
12	Heat contributed from Coal	Kcal / kWhr	72,11,108.50	81,90,323.66	80,50,318.27
13	Specific consumption of coal	Kg / kWhr	0.81	0.81	0.80
14	Specific fuel oil consumption	ml / kWh	0.88	0.88	0.53
15	Rate of energy from Coal	Rs / kWhr	5.12	4.56	5.75
16	Rate of energy ex-bus	Rs / kWhr	5.49	4.88	6.19
17	Total energy cost of coal	Rs. Crores	1,519.91	1,430.55	1,831.09
18	Total energy cost of Oil	Rs. Crores	-	-	11.07
19	Total Variable Cost	Rs. Crores	1500.36	1463.00	1,842.17
20	Fuel Cost per Net Generation	Rs./Unit	5.38	4.99	6.23

Abstract for cost of generation														Form 23
NAME OF THE COMPANY														
TNPGL														
NAME OF THE POWER STATION														
Mettur Thermal Power Station II (MTPS II)														
Sl. No	Station	FY 2022-23 (Approved)				FY 2023-24 (Approved)				FY 2023-24 (True Up)				Cost per unit (in RS)
		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	
1	MTPS II	2770.27	979.21	1500.36	2479.57	2933.00	1,183.51	1,463.00	2,646.51	2,958.95	1,159.33	1,853.79	3,013.12	10.18

ANNEXURE I**ARR FORMATS****Thirumakottai Gas Turbine Power Station
(TKGTPS)**

Form 1

Summary of ARR

NAME OF THE COMPANY

TNPGL

NAME OF THE POWER STATION

Thirumakottai Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	17.15
2	Interest and Finance Charges	6C	185.15	156.15	377.10
3	Depreciation	10B	20.27	34.99	13.46
4	Interest on Working Capital	11	9.19	6.75	13.59
5	Operation and Maintenance Expenses	13E	22.49	18.19	26.61
6	Other Debits	15	-	-	-
7	Prior period credits / charges	16	-	-	-
8	Operating expenses	13D	-	-	-
9	Total Annual Fixed Cost		237.10	216.08	447.90
10	Less: Other Income	17	0.01	0.15	0.02
11	Net Annual Fixed Cost		237.09	215.93	447.89
II	Annual Variable Cost				
1	Primary Fuel Cost	19	-	-	50.12
2	Secondary Fuel Cost		-	-	-
3	Total Annual Variable Cost		111.17	46.00	50.12
III	Total Cost		348.26	261.93	498.01

Normative Parameters considered for Tariff Computation

Name of the Company

TNPGL

Name of the Power Station

Thirumakottai Gas Turbine Power Station

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%	14%	14%	14%
2	Target Availability	%	82.95%		89.69%
3	Target PLF	%	17.98%	30.00%	14.96%
4	Auxiliary Energy Consumption	%	6.00%	6.00%	26.55%
5	Gross Station Heat Rate	kCal/kWh	2600	1850	4,462.00
6	Specific Gas Consumption	ml/kWh	0.25	0.18	0.42
7	O&M Cost	in Crores	22.49	18.19	26.61
8	Cost of Fuel for Working Capital	in Months	1.00	1.00	1.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	1.00	1.00	1.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	NA	NA	NA
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%			14.85%
15	Incentive Rate	Paise.kWh	25	25	25

Form 4

Statement showing the performance of Station

Name of the Company

TNPGL

Name of the Power Station

Thirumakottai Gas Turbine Power Station

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	17.98%	30.00%	14.96%
2	Auxiliary consumption (in %)	6.00%	6.00%	26.55%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2600	1850	4,462.00
4	Average Gross Calorific value of Gas / Naphtha (Kcal / Scm / Kg)	10515	10538.36	10,524.00
5	Specific consumption of Gas / Naphtha (Scm / Kg / kWhr)	0.25	0.18	0.42
6	Operating Expenses (Rs in Lakhs)	-	-	-
7	Operation and Maintenance expenses (Rs in Crs. / MW)	20.85	16.86	24.66
8	Average cost of Gas / Naphtha (Rs /Scm / MT)	26.46	9.15	25.01

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

Thirumakottai Gas Turbine Power Station

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			122.51
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			-
4	Total Equity (Rs. Crores)			122.51
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	17.15

ESTIMATE OF CAPITALIZATION

Name of the Company **TNPGCL**Name of the Power Station **Thirumakottai Gas Turbine Power Station**

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			-
	(a) Boilers/Plants			-
	(b) Cooling towers and circulating water system			-
2	Buildings and civil Engineering works of a permanent character, not mentioned above			-
	(a) Offices and show rooms			-
	(b) Containing thermo electric plants			-
	(c) Temporary erections such as wooden structures			-
	(d) Roads other than kacha roads			-
	(e) Others			-
3	Transformers, transformer (kiosk) sub station equipment and other fixed apparatus (including plant foundations)			-
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			-
	(b) Others			-
4	Switch gear, including cable connections			-
5	Lightening arresters			-
	(a) Station type			-
	(b) Pole type			-
	(c) Synchronous condensers			-
6	Batteries			-
7	(a) Underground cables including joint boxes and disconnected boxes			-
	(b) Cable duct systems			-
8	Meters			-
9	Self propelled vehicles			-
10	Air-conditioning plants			-
	(a) Static			-
	(b) Portable			-
11	(a) Office furniture and fittings			-
	(b) Office equipments			-
	(c) Internal wirings including fittings and apparatus			-
	(d) Street light fittings			-
12	Motors			-
13	Communication equipments			-
	(a) Radio and higher frequency carrier system			-
	(b) Telephone lines and telephones			-
				-
	Capitalization as per plan		35.00	0
	TOTAL		35.00	0

Form 10B				
DEPRECIATION				
Name of the Company:		TNPGL		
Name of the Power Station:		Thirumakottai Gas Turbine Power Station		
Sr. No.	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Opening GFA (Rs. Crores)			201.44
2	Addition to GFA (Rs. Crores)			0
3	Closing GFA (Rs. Crores)			201.44
4	Average Rate of Depreciation (%)			6.68%
5	Depreciation (Rs. Crores)	20.27	34.99	13.46

COMPUTATION OF INTEREST ON WORKING CAPITAL

Name of the Company: **TNPGCL**Name of the Power Station: **Thirumakottai Gas Turbine Power Station**
Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			4.18
2	Fuel Stock (Rs. Crore)			-
3	O & M expenses (Rs. Crore)			2.22
4	Maintenance Spares (Rs. Crore)			2.14
5	Receivables (Rs. Crore)			83.00
6	Total Working Capital (Rs. Crore)			91.53
7	Rate of Interest (in %)			14.85%
8	Interest on Working Capital (Rs. Crore)	9.19	6.75	13.59

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCEName of the Company: **TNPGCL**Name of the Power Station: **Thirumakottai Gas Turbine Power Station****Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Plant & Machinery		3.45
2	Building		0.00
3	Civil Works		0.00
4	Hydraulic work		-
5	Lines & Cable network		-
6	Vehicles		-
7	Furniture & Fixtures		-
8	Office equipments		0.00
9	Other Expense		-
10	Allocation of Head Quarters Expenses		-
11	Total Expenses		3.46
12	Net Repair & Maintenance expenses		3.46

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COST

Name of the Company: TNPGL

Name of the Power Station: Thirumakottai Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Salary		4.19
2	Overtime wages		0.02
3	Dearness Allowance		1.82
4	Other Allowances		0.58
5	Bonus & Exgratia		0.02
	Total 1 - 5		6.62
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		0.95
9	Terminal benefits		1.47
10	Staff welfare expenses		0.01
11	Allocation of Head Quarters Expenses including pension		13.70
12	Other costs		-
13	Grand Total		22.74
14	Less: Capitalisation		0
15	Net Expenses		22.74

Form 13C

OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATIVE AND GENERAL EXPENSE

Name of the Company: TNPGL

Name of the Power Station: Thirumakottai Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Rent, Rate & Taxes		-
2	Insurance		0.07
3	Telephone / Postage / Telex		0.01
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		-
5	Conveyance & Travel		0.01
6	Miscellaneous Expenses		0.01
7	Freight		-
8	Other purchases related expenses		-0.00
9	Allocation of Head Quarters Expenses/ Other Cost		0.30
10	Total expenses		0.40
11	Net Expenses		0.40

Form 13D

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSESName of the Company: **TNPGCL**Name of the Power Station: **Thirumakottai Gas Turbine Power Station**

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Water Charges		
2	Lubricants and Consumables		0.00
3	Station Auxiliaries		
4	Other Fuel Related Cost		
5	Shortage		
6	Total expenses	0	0.00

Form 13E

TOTAL OPERATION AND MAINTENANCE EXPENSEName of the Company: **TNPGCL**Name of the Power Station: **Thirumakottai Gas Turbine Power Station****Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Net Repair & Maintenance Expenses			3.46
2	Net Employees Cost			22.74
3	Net Admn. & General Expnses			0.40
4	Total Operation and Maintenance Expenses	22.49	18.19	26.61

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: Thirumakottai Gas Turbine Power Station
Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Interest on loan and advance to employees		0.02
2	Interest on Investments		
3	Interest on Advance to suppliers / Contractors		
4	Interest from Banks		
5	Income from sale of tender forms, stores, scraps, etc.,		
6	Income from hiring vehicles to employees and other welfare activities		
7	Miscellaneous Receipts		
8	Allocation from Head Quarters		
9	Delayed Payment Surcharges Collected from Consumers		
10	Income from Trading		
11	Income from Staff Welfare		
12	Income from other sources		
13	Total	0.01	0.02

NAME OF THE COMPANY			Actual Generation of Power										Form 18	
			TNPGL											
NAME OF THE POWER STATION			Thirumakottai Gas Turbine Power Station (TKGTPS)											
Sl. No.	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)			Net (in MU)	Net (in MU)	
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	PLF (in %)	Aux. Consu. (in %)			Gross (in MU)
1	TKGTPS	107.88	17.98%	6.00%	143.74	135.12	30%	6.00%	282.98	266.00	14.96%	26.55%	47.27	34.72

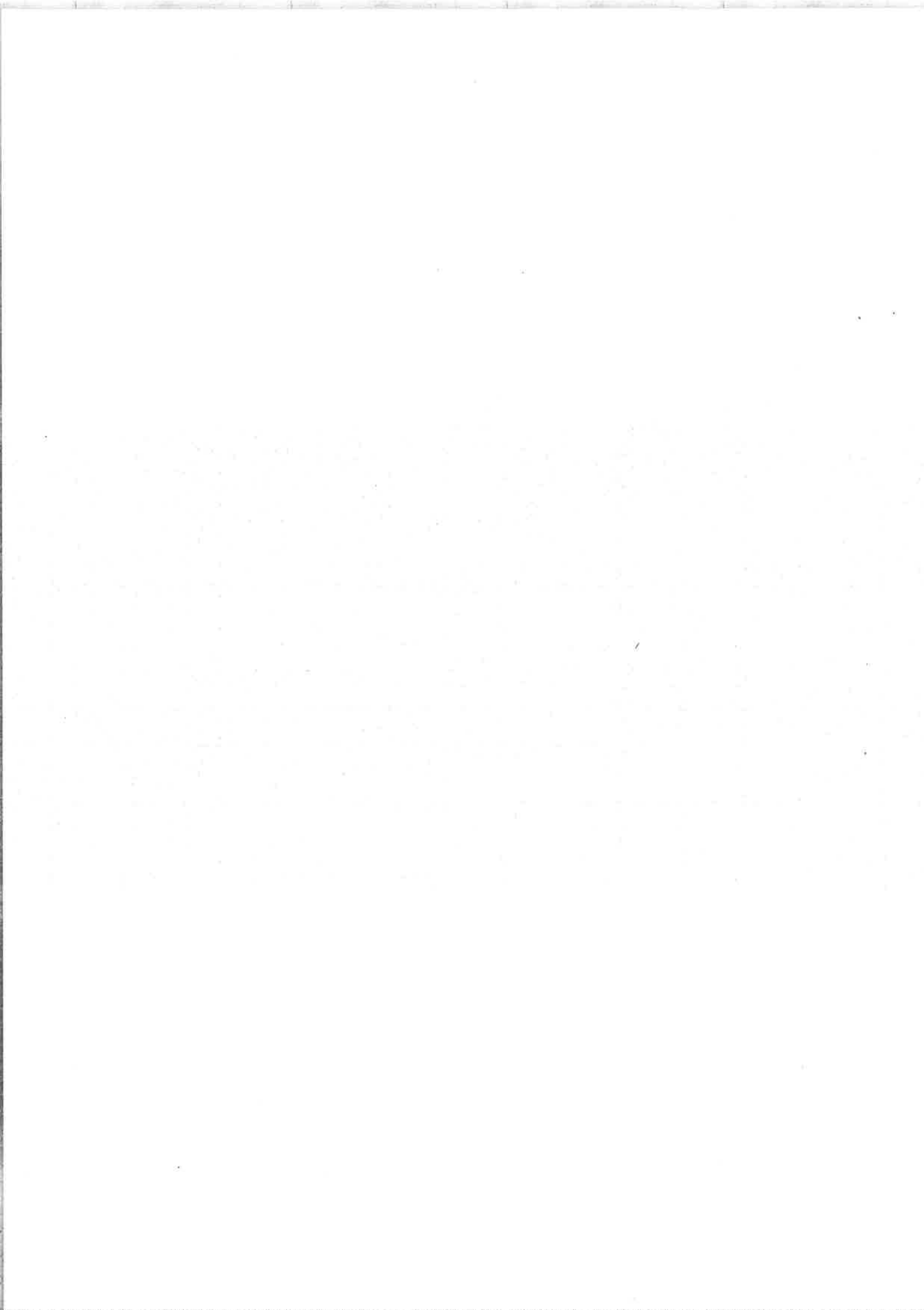
COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company: **TNPGCL**Name of the Power Station: **Thirumakottai Gas Turbine Power Station (TKGTPS)**

Sl. No	Description	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Capacity	MW	107.88	107.88	107.88
2	Gross Station Heat Rate	Kcal / kWhr	2600	1850	4,462.00
3	Gross Generation	MU	143.74	282.98	47.27
4	Auxiliary Consumption	%	6.00%	6.00%	26.55%
5	Average calorific value of Gas	Scm	10515	10538.36	10524.00
6	Average cost of Gas	Rs / Scm	26.46	9.15	25.01
7	Sp consumption	Scm/KWhr	0.25	0.18	0.42
8	Rate of energy from Gas	Ps / kWhr	8.23	1.71	14.44
9	Net Generation	MU	135.12	266.00	34.72
10	Total energy cost	Rs / Crores	111.17	45.45	50.12
11	Fixed Annual Gas Transmission Charges	Rs / Crores			
12	Total Variable Cost	Rs / Crores	111.17	46.00	50.12
13	Net Energy charges per unit	Ps / kWhr	6.96	1.73	14.44

Abstract for cost of generation															Form 20	
NAME OF THE COMPANY															TNPGL	
NAME OF THE POWER STATION															Thirumakottai Gas Turbine Power Station (TKGTPS)	
Sl. No	Station	FY 2022-23 (Approved)					FY 2022-23 (Approved)					FY 2023-24 (True Up)				
		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)
1	TKGTPS	135.12	237.09	111.17	348.26	25.77	266.00	215.93	46.00	261.93	9.85	34.72	447.89	50.12	498.01	-

ANNEXURE I**ARR FORMATS****Kuttalam Gas Turbine Power Station (KGTPS)**



Form 1					
Summary of ARR					
NAME OF THE COMPANY		TNPGL			
NAME OF THE POWER STATION		Kuttalam Gas Turbine Power Station (KGTPS)			
Rs. Crores					
Sr. No	Particulars	Reference to Form	FY 2022-23 Approved	FY 2023-24 Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	16.06
2	Interest and Finance Charges	6	160.18	131.80	341.36
3	Depreciation	10B	27.48	34.87	14.13
4	Interest on Working Capital	11	15.54	12.15	24.79
5	Operation and Maintenance Expenses	13E	35.93	29.25	39.23
6	Other Debits	15	-	-	-
7	Prior period credits / charges	16	-	-	-
8	Operating expenses	13D	-	-	0.34
9	Total Annual Fixed Cost		239.13	208.07	435.92
10	Less: Other Income	17	0.19	0.15	1.26
11	Net Annual Fixed Cost		238.94	207.92	434.66
II	Annual Variable Cost				
1	Primary Fuel Cost	19	-	-	356.90
2	Secondary Fuel Cost		-	-	-
3	Total Annual Variable Cost		307.33	69.00	356.90
III	Total Cost		546.27	276.92	791.56

Normative Parameters considered for Tariff Computation

Name of the Company

TNPGL

Name of the Power Station

Kuttalam Gas Turbine Power Station

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%	14%		14%
2	Target Availability	%	85.21%		97.03%
3	Target PLF	%	62.08%	45.00%	78.29%
4	Auxiliary Energy Consumption	%	6.00%	6.00%	6.45%
5	Gross Station Heat Rate	kCal/kWh	2072	1850	2,046
6	Specific Gas Consumption	ml/kWh		0.18	0.20
7	O&M Cost	in Crores		29.25	39.23
8	Cost of Fuel for Working Capital	in Months	1.00	1.00	1.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	1.00	1.00	1.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	NA	NA	NA
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%			14.85%
15	Incentive Rate	Paise.kWh			25

Form 4

Statement showing the performance of Station

Name of the Company

TNPGL

Name of the Power Station

Kuttalam Gas Turbine Power Station

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	62.08%	45.00%	78.29%
2	Auxiliary consumption (in %)	6.00%	6.00%	6.45%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2072	1850	2,046.00
4	Average Gross Calorific value of Gas / Naphtha (Kcal / Scm / Kg)	10432	10416.58	10,393.00
5	Specific consumption of Gas / Naphtha (Scm / Kg / kWhr)	-	0.18	0.20
6	Operating Expenses (Rs in Lakhs)	-	-	34.19
7	Operation and Maintenance expenses (Rs in Crs. / MW)	35.57	28.96	38.85
8	Average cost of Gas / Naphtha (Rs /Scm / MT)	28.17	9.74	26.10

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

Kuttalam Gas Turbine Power Station

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			114.70
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			0
4	Total Equity (Rs. Crores)			114.70
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	16.06

NAME OF THE COMPANY		Statement showing Interest and Finance Charges										Form 6
NAME OF THE POWER STATION		TNPGL										
		Kuttalam Gas Turbine Power Station (KGTPS)										Rs. Crores
S.No.	Particulars	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True Up)				
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Net Repayment	Closing Loan	Interest
1	Loan Detail							2,853	1,361.75	1,663.01	2,551.74	325.74
2	Interest on meter caution deposit											
3	Interest on GPF / CPF											
4	Interest on deposit from employees											15.62
5	Interest on Family Benefit Fund contribution											
6	Interest on TNEB Spl. PF cum Gratuity Scheme											
7	Cost of raising finance											
8	Bank charges											0.00
9	Penal interest on E-Tax											
10	Guarantee Commission to Govt											
11	Other Interest											
12	Total			160.18			131.80					341.36

NAME OF THE COMPANY		Statement showing Interest and Finance Charges										Form 6C
NAME OF THE POWER STATION		TNPGL										
		Kuttalam Gas Turbine Power Station (KGTPS)										Rs. Crores
S.No.	Particulars	FY 2022-23		FY 2023-24		FY 2023-24		FY 2023-24		FY 2023-24		
		Approved	True-up	Approved	True-up	Approved	True-up	Approved	True-up	Approved	True-up	
1	Total Interest	160.18		131.80		131.80		131.80		341.36		

ESTIMATE OF CAPITALIZATION

Name of the Company

TNPGL

Name of the Power Station

Kuttalam Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			
	(a) Boilers/Plants			
	(b) Cooling towers and circulating water system			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			
	(a) Offices and show rooms			
	(b) Containing thermo electric plants			
	(c) Temporary erections such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipment and other fixed apparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			
10	Air-conditioning plants			
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings			
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			
13	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
	Capitalization as per plan		42.09	0.00
	TOTAL		42.09	0.00

Form 10B				
DEPRECIATION				
Name of the Company:		TNPGL		
Name of the Power Station:		Kuttalam Gas Turbine Power Station		
Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)			190.39
2	Addition to GFA (Rs. Crores)			0.00
3	Closing GFA (Rs. Crores)			190.39
4	Average Rate of Depreciation (%)			7.42%
5	Depreciation (Rs. Crores)	27.48	34.87	14.13

COMPUTATION OF INTEREST ON WORKING CAPITAL

Name of the Company: **TNPGCL**Name of the Power Station: **Kuttalam Gas Turbine Power Station**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			29.74
2	Fuel Stock (Rs. Crore)			-
3	O & M expenses (Rs. Crore)			3.27
4	Maintenance Spares (Rs. Crore)			2.02
5	Receivables (Rs. Crore)			131.93
6	Total Working Capital (Rs. Crore)			166.96
7	Rate of Interest (in %)			14.85%
8	Interest on Working Capital (Rs. Crore)	15.54	12.15	24.79

Form 13A			
OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCE			
Name of the Company:		TNPGL	
Name of the Power Station:		Kuttalam Gas Turbine Power Station	
		Rs. Crores	
Sr. No	Particulars	FY 2022-23 Approved	FY 2023-24 True-up
1	Plant & Machinery		13.25
2	Building		-
3	Civil Works		-
4	Hydraulic work		-
5	Lines & Cable network		-
6	Vehicles		-
7	Furniture & Fixtures		-
8	Office equipments		-
9	Other Expense		-
10	Allocation of Head Quarters Expenses		
11	Total Expenses		13.25
12	Net Repair & Maintenance expenses		13.25

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COST

Name of the Company: TNPGL

Name of the Power Station: Kuttalam Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Salary		6.19
2	Overtime wages		0.02
3	Dearness Allowance		2.76
4	Other Allowances		0.43
5	Bonus & Exgratia		0.04
	Total 1 - 5		9.44
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		0.12
9	Terminal benefits		3.26
10	Staff welfare expenses		0.00
11	Allocation of Head Quarters Expenses/ Other Cost		11.13
12	Other costs		-
13	Grand Total		23.95
14	Less: Capitalisation		0.00
15	Net Expenses		23.95

Form 13C

**OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATIVE AND GENERAL
EXPENSE**

Name of the Company: TNPGL

Name of the Power Station: Kuttalam Gas Turbine Power Station
Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Rent, Rate & Taxes		0.59
2	Insurance		0.00
3	Telephone / Postage / Telex		0.02
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		0.04
5	Conveyance & Travel		0.01
6	Miscellaneous Expenses		0.00
7	Freight		-
8	Other purchases related expenses		1.12
9	Allocation of Head Quarters Expenses/ Other Cost		0.24
10	Total expenses		2.03
11	Net Expenses		2.03

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSES**Name of the Company:** TNPGL**Name of the Power Station:** Kuttalam Gas Turbine Power Station**Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Water Charges		0.11
2	Lubricants and Consumables		0.23
3	Station Auxiliaries		-
4	Other Fuel Related Cost		-
5	Shortage		-
6	Total expenses		0.34

Form 13E				
TOTAL OPERATION AND MAINTENANCE EXPENSE				
Name of the Company:		TNPGL		
Name of the Power Station:		Kuttalam Gas Turbine Power Station		
Rs. Crores				
Sr. No	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Net Repair & Maintenance Expenses			13.25
2	Net Employees Cost			23.95
3	Net Admn. & General Expnses			2.03
4	Total Operation and Maintenance Expenses	35.93	29.25	39.23

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: Kuttalam Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	Truc-up
1	Interest on loan and advance to employees			1.26
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Miscellaneous Receipts			
8	Allocation from Head Quarters			
9	Delayed Payment Surcharges Collected from Consumers			
10	Income from Trading			
11	Income from Staff Welfare			
12	Income from other sources			
13	Total	0.19	0.15	1.26

Form 18												
Actual Generation of Power												
TNPGL												
Kuttalam Gas Turbine Power Station												
NAME OF THE COMPANY												
NAME OF THE POWER STATION												
Sl. No.	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)			
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	Gross (in MU)	Net (in MU)
1	KGTPS	101	62.08%	6.00%	543.10	510.51	45.00%	6.00%	397.87	374.00	694.61	649.81

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company:

TNPGL

Name of the Power Station:

Kuttalam Gas Turbine Power Station

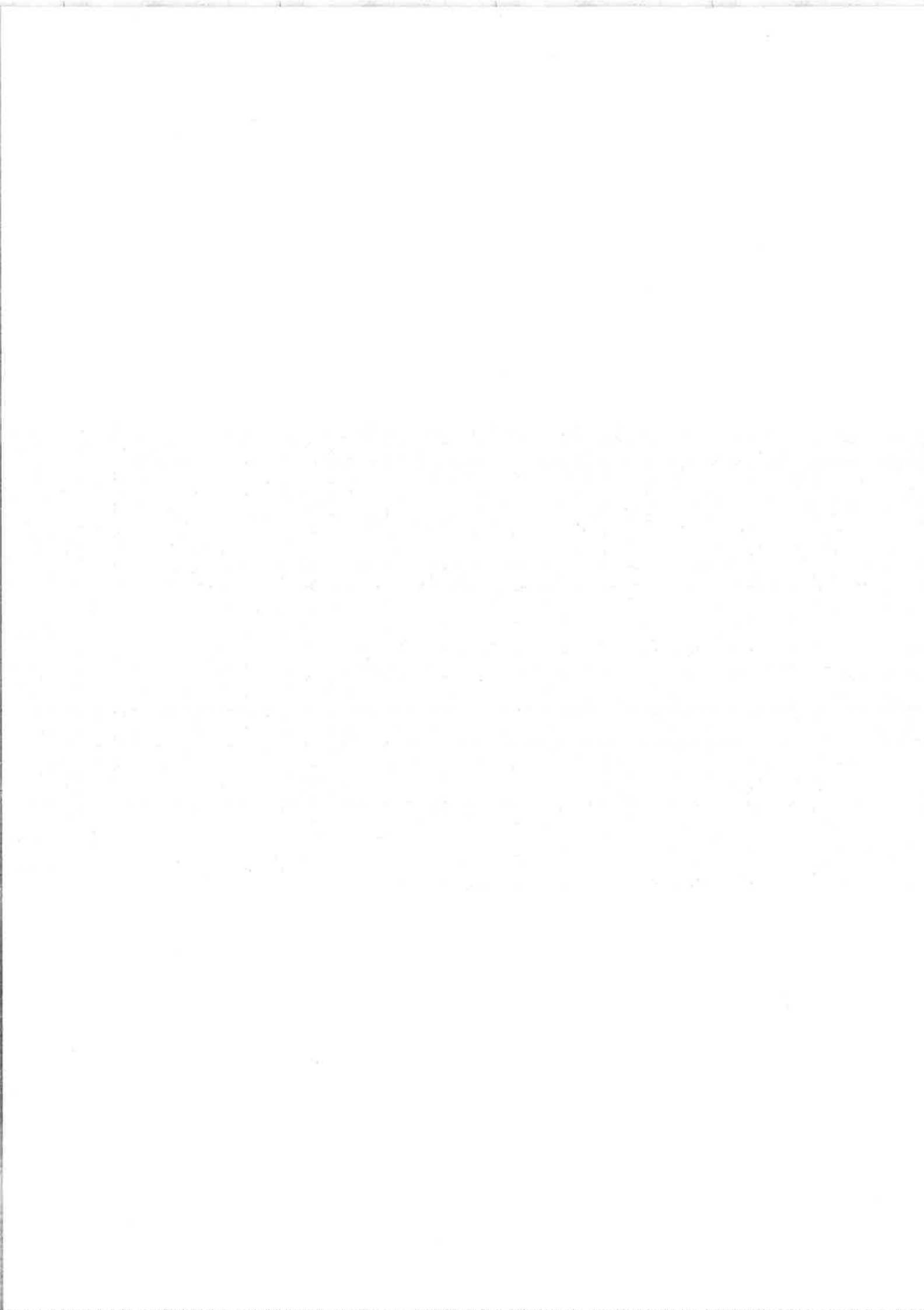
Sl. No	Description	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Capacity	MW	101.00	101.00	101.00
2	Gross Station Heat Rate	Kcal / kWhr	2,072.00	1,850.00	2,046.00
3	Gross Generation	MU	543.10	397.87	694.61
4	Auxiliary Consumption	%	6.00%	6.00%	6.45%
5	Average calorific value of Gas	Scm	10432	10416.58	10393.00
6	Average cost of Gas	Rs / Scm	28.17	9.74	26.10
7	Sp consumption	Scm/KWhr	0.20	0.18	0.20
8	Rate of energy from Gas	Ps / kWhr	6.02	1.84	5.49
9	Net Generation	MU	510.51	374.00	649.81
10	Total energy cost	Rs / Crores	307.33	68.83	356.90
11	Fixed Annual Gas Transmission Charges	Rs / Crores			
12	Total Variable Cost	Rs / Crores	307.33	69	356.90
13	Net Energy charges per unit	Ps / kWhr	5.95	1.84	5.49

Abstract for cost of generation															Form 20	
NAME OF THE COMPANY															TNPGCL	
NAME OF THE POWER STATION															Kuttalam Gas Turbine Power Station (KGTPS)	
Sl. No	Station	FY 2022-23 (Approved)					FY 2023-24 (Approved)					FY 2023-24 (True Up)				
		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)
1	KGTPS	510.51	238.94	307.33	546.27	10.70	374.00	207.92	69.00	276.92	7.40	649.81	434.66	356.90	791.56	12.18

ANNEXURE I

ARR FORMATS

**Basin Bridge Gas Turbine Power Station
(BBGTPS)**



Form 1					
Summary of ARR					
NAME OF THE COMPANY			TNPGL		
NAME OF THE POWER STATION			Basin Bridge Gas Turbine Power Station (BBGTPS)		
Rs. Crores					
Sr. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	19.08
2	Interest and Finance Charges	6C	332.42	273.75	776.18
3	Depreciation	10B	11.68	34.51	13.13
4	Interest on Working Capital	11	11.49	9.40	24.51
5	Operation and Maintenance Expenses	13E	93.39	15.34	12.36
6	Other Debits	15	-	-	-
7	Prior period credits / charges	16	-	-	-
8	Operating expenses	13D	-	-	0.21
9	Total Annual Fixed Cost		448.98	333.00	845.48
10	Less: Other Income	17	0.02	0.03	0.00
11	Net Annual Fixed Cost		448.96	332.97	845.48
II	Annual Variable Cost				
1	Primary Fuel Cost	19	-	-	0.21
2	Secondary Fuel Cost		-	-	
3	Total Annual Variable Cost		17.21	56.00	0.21
III	Total Cost		466.17	388.97	845.69

Normative Parameters considered for Tariff Computation

Name of the Company **TNPGCL**Name of the Power Station **Basin Bridge Gas Turbine Power Station (BBGTPS)**

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%	14%		14%
2	Target Availability	%	93.79%		84.93%
3	Target PLF	%	0.37%	0.60%	0.00%
4	Auxiliary Energy Consumption	%	0.79%	0.99%	0.00%
5	Gross Station Heat Rate	kCal/kWh	3287	4399	0
6	Specific Gas Consumption	ml/kWh	-	-	-
7	O&M Cost	in Crores	93.39	15.34	12.36
8	Cost of Fuel for Working Capital	in Months	1.00	1.00	1.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	1.00	1.00	1.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	NA	NA	NA
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%	-	-	14.85%
15	Incentive Rate	Paise.kWh	25	25	25

Form 4

Statement showing the performance of Station

Name of the Company

TNPGL

Name of the Power Station

Basin Bridge Gas Turbine Power Station

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	0.37%	0.60%	0.00%
2	Auxiliary consumption (in %)	0.79%	0.99%	0.00%
3	Average Gross Station Heat Rate (Kcal / kWhr)	3287	4399	0
4	Average Gross Calorific value of Gas / Naphtha (Kcal / Scm / Kg)	10572	10572	0
5	Specific consumption of Gas / Naphtha (Scm / Kg / kWhr)	-	-	0
6	Operating Expenses (Rs in Lakhs)	-	-	21.23
7	Operation and Maintenance expenses (Rs in Crs. / MW)	-	-	10.30
8	Average cost of Gas / Naphtha (Rs /Scm / MT)	17.21	56.08	0

Computation of Return on Equity

Name of the Company

TNPGL

Name of the Power Station

Basin Bridge Gas Turbine Power Station

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Equity at the beginning (Rs. Crores)		136.28
2	Percentage of Equity Addition (Rs. Crores)		30%
3	Addition during the year (Rs. Crores)		-
4	Total Equity (Rs. Crores)		136.28
5	Return on Equity (%)		14%
6	Return on Equity (Rs. Crores)	-	19.08

Statement showing Interest and Finance Charges										Form 6
NAME OF THE COMPANY										
TNPGL										
Basin Bridge Gas Turbine Power Station (BBGTPS)										
Rs. Crores										
S.No.	Particulars	FY 2022-2023 (Approved)		FY 2023-2024 (Approved)		FY 2023-2024 (True Up)				
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Repayment during the year	Closing Loan	Interest	
1	Loan Deposit				6,219.30	2,968.50	3,625.23	5,562.58	760.73	
2	Interest on meter caution deposit									
3	Interest on GPF / CPF									
4	Interest on deposit from employees									
5	Interest on Family Benefit Fund contribution									
6	Interest on TNEB Spl. PF cum Gratuity Scheme									
7	Cost of raising finance									
8	Bank charges									
9	Penal interest on E-Tax									
10	Guarantee Commission to Govt.									
11	Other Interest									
12	Total			332.42					273.75	776.18

Statement showing Interest and Finance Charges										Form 6c
NAME OF THE COMPANY										
TNPGL										
Basin Bridge Gas Turbine Power Station										
Rs. Crores										
S.No.	Particulars	FY 2022-23		FY 2023-24		FY 2023-24				
		Approved	Approved	Approved	True-up	Approved	True-up			
1	Total Interest	332.42	273.75	273.75	776.18					

ESTIMATE OF CAPITALIZATION

Name of the Company

TNPGL

Name of the Power Station

Basin Bridge Gas Turbine Power Station (BBGTPS)

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			-
	(a) Boilers/Plants			-
	(b) Cooling towers and circulating water system			-
2	Buildings and civil Engineering works of a permanent character, not mentioned above			-
	(a) Offices and show rooms			-
	(b) Containing thermo electric plants			-
	(c) Temporary erections such as wooden structures			-
	(d) Roads other than kacha roads			-
	(e) Others			-
3	Transformers, transformer (kiosk) sub station equipment and other fixed apparatus (including plant foundations)			-
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			-
	(b) Others			-
4	Switch gear, including cable connections			-
5	Lightening arresters			-
	(a) Station type			-
	(b) Pole type			-
	(c) Synchronous condensers			-
6	Batteries			-
7	(a) Underground cables including joint boxes and disconnected boxes			-
	(b) Cable duct systems			-
8	Meters			-
9	Self propelled vehicles			-
10	Air-conditioning plants			-
	(a) Static			-
	(b) Portable			-
11	(a) Office furniture and fittings			-
	(b) Office equipments			-
	(c) Internal wirings including fittings and apparatus			-
	(d) Street light fittings			-
12	Motors			-
13	Communication equipments			-
	(a) Radio and higher frequency carrier system			-
	(b) Telephone lines and telephones			-
				-
	Capitalization as per plan		0.9	0.00
	TOTAL		0.9	0.00

Form 10B

DEPRECIATION

Name of the Company: TNPGL

Name of the Power Station: Basin Bridge Gas Turbine Power Station

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)			2,177.87
2	Addition to GFA (Rs. Crores)			0
3	Closing GFA (Rs. Crores)			2,177.87
4	Average Rate of Depreciation (%)			0.60%
5	Depreciation (Rs. Crores)	11.68	34.51	13.13

COMPUTATION OF INTEREST ON WORKING CAPITALName of the Company: **TNPGCL**Name of the Power Station: **Basin Bridge Gas Turbine Power Station**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			0.02
2	Fuel Stock (Rs. Crore)			-
3	O & M expenses (Rs. Crore)			1.03
4	Maintenance Spares (Rs. Crore)			23.09
5	Receivables (Rs. Crore)			140.95
6	Total Working Capital (Rs. Crore)			165.08
7	Rate of Interest (in %)			14.85%
8	Interest on Working Capital (Rs. Crore)	11.49	9.40	24.51

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCEName of the Company: **TNPGCL**Name of the Power Station: **Basin Bridge Gas Turbine Power Station**

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Plant & Machinery		1.73
2	Building		-
3	Civil Works		-
4	Hydraulic work		-
5	Lines & Cable network		-
6	Vehicles		-
7	Furniture & Fixtures		-
8	Office equipments		-
9	Other Expense		-
10	Allocation of Head Quarters Expenses		-
11	Total Expenses		1.73
12	Net Repair & Maintenance expenses		1.73

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COST

Name of the Company: TNPGL

Name of the Power Station: Basin Bridge Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Salary		3.67
2	Overtime wages		-
3	Dearness Allowance		1.42
4	Other Allowances		0.35
5	Bonus & Exgratia		0.01
	Total 1 - 5		5.45
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		-
9	Terminal benefits		0.14
10	Staff welfare expenses		0.00
11	Allocation of Head Quarters Expenses/ Other Cost including pension		4.90
12	other costs		-
13	Grand Total		10.49
14	Less: Capitalisation		0
15	Net Expenses		10.49

OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATIVE AND EMPLOYEE EXPENSE

Name of the Company:

TNPGL

Name of the Power Station:

Basin Bridge Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Rent, Rate & Taxes		0.01
2	Insurance		0.00
3	Telephone / Postage / Telex		0.00
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges		0.00
5	Conveyance & Travel		0.00
6	Miscellaneous Expenses		0.00
7	Freight		
8	Other purchases related expenses		0.01
9	Allocation of Head Quarters Expenses/ Other Cost		0.11
10	Total expenses		0.13
11	Net Expenses		0.13

OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSESName of the Company: **TNPGCL**Name of the Power Station: **Basin Bridge Gas Turbine Power Station**
Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Water Charges		0.00
2	Lubricants and Consumables		0.21
3	Station Auxiliaries		
4	Other Fuel Related Cost		
5	Shortage		
6	Total expenses		0.21

Form 13E

TOTAL OPERATION AND MAINTENANCE EXPENSEName of the Company: **TNPGCL**Name of the Power Station: **Basin Bridge Gas Turbine Power Station****Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Net Repair & Maintenance Expenses			1.73
2	Net Employees Cost			10.49
3	Net Admn. & General Expnses			0.13
4	Total Operation and Maintenance Expenses	93.39	15.34	12.36

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: Basin Bridge Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Interest on loan and advance to employees		0.00
2	Interest on Investments		
3	Interest on Advance to suppliers / Contractors		
4	Interest from Banks		
5	Income from sale of tender forms, stores, scraps, etc.,		
6	Income from hiring vehicles to employees and other welfare activities		
7	Miscellaneous Receipts		
8	Allocation from Head Quarters		
9	Delayed Payment Surcharges Collected from Consumers		
10	Income from Trading		
11	Income from Staff Welfare		
12	Income from other sources		
13	Total	0.02	0.00

Actual Generation of Power													Form 18
TNPCL													
Basin Bridge Gas Turbine Power Station (BBGTPS)													
NAME OF THE COMPANY													
NAME OF THE POWER STATION													
Sl. No.	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)				
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	Gross (in MU)	Net (in MU)	
1	BBGTPS	120	0.37%	0.79%	1.47	1.46	0.60%	0.99%	6.06	6.00	0.00%	0.00	0.00

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company:

TNPGL

Name of the Power Station:

Basin Bridge Gas Turbine Power Station

Sl. No	Description	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Capacity	MW	120	120	120
2	Gross Station Heat Rate	Kcal / kWhr	3287	4399	0
3	Gross Generation	MU	0	-	-
4	Auxiliary Consumption	%	0.79%	0.99%	-
5	Average calorific value of Gas	Scm	10572	10,572.00	-
6	Average cost of Gas	Rs / Scm (in Crores)	17.21	56.08	-
7	Sp consumption	Scm/KWhr	-	-	-
8	Rate of energy from Gas	Ps / kWhr	-	-	-
9	Net Generation	MU	1.46	6.00	-
10	Total energy cost	Rs / Crores	-	-	-
11	Fixed Annual Gas Transmission Charges	Rs / Crores	-	-	-
12	Total Variable Cost	Rs / Crores	17.21	56	0.21
13	Net Energy charges per unit	Ps / kWhr	118.05	89.56	-

ANNEXURE I**ARR FORMATS****Valuthur Gas Turbine Power Station (VGTPS)**

Form 1					
Summary of ARR					
NAME OF THE COMPANY		TNPGL			
NAME OF THE POWER STATION		Valuthur Gas Turbine Power Station (VGTPS)			
Rs. Crores					
Sr. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Cost				
1	Return on Equity	5	-	-	30.09
2	Interest and Finance Charges	6C	254.38	219.66	437.96
3	Depreciation	10B	46.04	42.94	49.88
4	Interest on Working Capital	11	27.13	13.44	39.78
5	Operation and Maintenance Expenses	13E	73.6	32.32	82.50
6	Other Debits	15	-	-	-
7	Prior period credits / charges	16	-	-	-
8	Operating expenses	13D	-	-	0.01
9	Total Annual Fixed Cost		401.15	308.36	640.21
10	Less: Other Income	17	0.45	0.29	0.96
11	Net Annual Fixed Cost		400.70	308.07	639.25
II	Annual Variable Cost				
1	Primary Fuel Cost	19	-	-	584.86
2	Secondary Fuel Cost		-	-	-
3	Total Annual Variable Cost		555.59	194.00	584.86
III	Total Cost		956.29	502.07	1224.11

Normative Parameters considered for Tariff Computation

Name of the Company

TNPGL

Name of the Power Station

Valuthur Gas Turbine Power Station (VGTPS)

Sr. No.	Particulars	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Rate of Return on Equity	%			14%
2	Target Availability	%	83.69%		88.69%
3	Target PLF	%	71.31%	70.00%	71.56%
4	Auxiliary Energy Consumption	%	6.00%	6.00%	6.27%
5	Gross Station Heat Rate	kCal/kWh	2094	1850	2,119
6	Specific Gas Consumption	ml/kWh		0.19	0.22
7	O&M Cost	in Crores	73.60	32.32	82.50
8	Cost of Fuel for Working Capital	in Months	1.00	1.00	1.00
9	O & M Expenses for Working Capital	in Months	1.00	1.00	1.00
10	Primary Fuel Stock for Working Capital	in Months	1.00	1.00	1.00
11	Secondary Fuel Oil or Secondary/Alternate liquid fuel stock for Working Capital	in Months	NA	NA	NA
12	Spares stock as % of Plant & Equipment Cost on 1.4.2004 for Working Capital	%	1%	1%	1%
13	Receivables for Working Capital	in Months	2.00	2.00	2.00
14	Prime lending Rate of SBI	%			14.85%
15	Incentive Rate	Paise.kWh			25

Form 4

Statement showing the performance of Station

Name of the Company

TNPGL

Name of the Power Station

Valuthur Gas Turbine Power Station

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	PLF (in %)	71.31%	70.00%	71.56%
2	Auxiliary consumption (in %)	6.00%	6.00%	6.27%
3	Average Gross Station Heat Rate (Kcal / kWhr)	2094	1850	2,119.00
4	Average Gross Calorific value of Gas / Naphtha (Kcal / Scm / Kg)	9705.67	9,718.96	9,716.00
5	Specific consumption of Gas / Naphtha (Scm / Kg / kWhr)	-	0.19	0.22
6	Operating Expenses (Rs in Lakhs)		-	0.69
7	Operation and Maintenance expenses (Rs in Crs. / MW)	39.32	17.26	44.07
8	Average cost of Gas / Naphtha (Rs /Scm / MT)	24.39	8.86	22.79

Computation of Return on Equity

Name of the Company **TNPGCL**Name of the Power Station **Valuthur Gas Turbine Power Station**

Sr. No	Particulars	Approved	True-up
		FY 2022-23	FY 2023-24
1	Equity at the beginning (Rs. Crores)		212.59
2	Percentage of Equity Addition (Rs. Crores)		30%
3	Addition during the year (Rs. Crores)		4.74056527
4	Total Equity (Rs. Crores)		217.33
5	Return on Equity (%)		14%
6	Return on Equity (Rs. Crores)	-	30.09

ESTIMATE OF CAPITALIZATION

Name of the Company

TNPGL

Name of the Power Station

Valuthur Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	(a) Plant and machinery in generating Stations including plant foundations			15.80
	(a) Boilers/Plants			
	(b) Cooling towers and circulating water system			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			0.00
	(a) Offices and show rooms			
	(b) Continuing thermo electric plants			
	(c) Temporary erections such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipment and other fixed apparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			
10	Air-conditioning plants			
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings			
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			
13	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
	Capitalization as per plan		84.42	15.80
	TOTAL		84.42	15.80

Form 10B

DEPRECIATION

Name of the Company: TNPGL

Name of the Power Station: Valuthur Gas Turbine Power Station

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)			762.37
2	Addition to GFA (Rs. Crores)			15.80
3	Closing GFA (Rs. Crores)			778.17
4	Average Rate of Depreciation (%)			6.54%
5	Depreciation (Rs. Crores)	46.04	42.94	49.88

COMPUTATION OF INTEREST ON WORKING CAPITAL

Name of the Company: TNPGL

Name of the Power Station: Valuthur Gas Turbine Power Station

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Fuel Cost (Rs. Crore)			48.74
2	Fuel Stock (Rs. Crore)			-
3	O & M expenses (Rs. Crore)			6.87
4	Maintenance Spares (Rs. Crore)			8.24
5	Receivables (Rs. Crore)			204.02
6	Total Working Capital (Rs. Crore)			267.87
7	Rate of Interest (in %)			14.85%
8	Interest on Working Capital (Rs. Crore)	27.13	13.44	39.78

Form 13A

OPERATION AND MAINTENANCE EXPENSE - REPAIRS AND MAINTENANCEName of the Company: **TNPGCL**Name of the Power Station: **Valuthur Gas Turbine Power Station****Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Plant & Machinery		44.34
2	Building		0.00
3	Civil Works		0.04
4	Hydraulic work		-
5	Lines & Cable network		-
6	Vehicles		0.00
7	Furniture & Fixtures		-
8	Office equipments		0.00
9	Other Expense		-
10	Allocation of Head Quarters Expenses		-
11	Total Expenses		44.38
12	Net Repair & Maintenance expenses		44.38

OPERATION AND MAINTENANCE EXPENSE - EMPLOYEE COST

Name of the Company: TNPGL

Name of the Power Station: Valuthur Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Salary		12.26
2	Overtime wages		0.03
3	Dearness Allowance		5.47
4	Other Allowances		0.31
5	Bonus & Exgratia		0.10
	Total 1 - 5		18.17
6	Medical expenses reimbursement		-
7	Leave Travel concession		-
8	Earned Leave encashment		-
9	Terminal benefits		0.92
10	Staff welfare expenses		0.00
11	Allocation of Head Quarters Expenses/ Other Cost including pension		16.70
12	other costs		-
13	Grand Total		35.79
14	Less: Capitalisation		0.63
15	Net Expenses		35.16

Form 13C

**OPERATION AND MAINTENANCE EXPENSE - ADMINISTRATIVE AND GENERAL
EXPENSE**

Name of the Company:

TNPGL

Name of the Power Station:

Valuthur Gas Turbine Power Station

Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Rent, Rate & Taxes		0.01
2	Insurance		0.32
3	Telephone / Postage / Telex		0.02
4	Legal / Audit / Consultancy / Tech. fee charges		0.42
5	Conveyance & Travel		0.06
6	Miscellaneous Expenses		0.01
7	Freight		
8	Other purchases related expenses		1.74
9	Allocation of Head Quarters Expenses/ Other Cost		0.37
10	Total expenses		2.95
11	Net Expenses		2.95

Form 13D**OPERATION AND MAINTENANCE EXPENSE - OPERATING EXPENSES****Name of the Company:** TNPGL**Name of the Power Station:** Valuthur Gas Turbine Power Station**Rs. Crores**

Sr. No	Particulars	FY 2022-23	FY 2023-24
		Approved	True-up
1	Water Charges		0.00
2	Lubricants and Consumables		0.01
3	Station Auxiliaries		0.00
4	Other Fuel Related Cost		0.00
5	Shortage		0.00
6	Total expenses		0.01

Form 13E				
TOTAL OPERATION AND MAINTENANCE EXPENSE				
Name of the Company:		TNPGL		
Name of the Power Station:		Valuthur Gas Turbine Power Station		
Rs. Crores				
Sr. No	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Net Repair & Maintenance Expenses			44.38
2	Net Employees Cost			35.16
3	Net Admn. & General Expnses			2.95
4	Total Operation and Maintenance Expenses	73.60	32.32	82.50

STATEMENT SHOWING OTHER INCOME

Name of the Company: TNPGL

Name of the Power Station: Valuthur Gas Turbine Power Station
Rs. Crores

Sr. No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Interest on loan and advance to employees			
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			0.96
6	Income from hiring vehicles to employees and other welfare activities			
7	Miscellaneous Receipts			
8	Allocation from Head Quarters			
9	Delayed Payment Surcharges Collected from Consumers			
10	Income from Trading			
11	Income from Staff Welfare			
12	Income from other sources			
13	Total	0.45	0.29	0.96

Actual Generation of Power													Form 18	
NAME OF THE COMPANY														
TNPGL														
Valuthur Gas Turbine Power Station (VGTPS)														
NAME OF THE POWER STATION														
Sl. No.	Generating Station	Installed Capacity (in MW)	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True-Up)				Gross (in MU)	Net (in MU)
			PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)	PLF (in %)	Aux. Consu. (in %)		
1	VGTPS	187.2	71.31%	6.00%	1,146.81	1078.00	70.00%	6.00%	1,146.81	1078.00	71.56%	6.27%	1176.69	1102.91

COMPUTATION OF ENERGY (VARIABLE) CHARGES

Name of the Company: TNPGL

Name of the Power Station: Valuthur Gas Turbine Power Station (VGTPS)

Sl. No	Description	Unit	FY 2022-23	FY 2023-24	FY 2023-24
			Approved	Approved	True-up
1	Capacity	MW	187.20	187.20	187.20
2	Gross Station Heat Rate	Kcal / kWhr	2,094.00	1,850.00	2,119.00
3	Gross Generation	MU	1,146.81	1,146.81	1,176.69
4	Auxiliary Consumption	%	6.00%	6.00%	6.27%
5	Average calorific value of Gas	Scm	9,705.67	9,718.96	9,716.00
6	Average cost of Gas	Rs / Scm	24.39	8.86	22.79
7	Sp consumption	Scm/KWhr	0.22	0.19	0.22
8	Rate of energy from Gas	Ps / kWhr	5.15	1.79	5.30
9	Net Generation	MU	1,078.00	1,078.00	1,102.91
10	Total energy cost	Rs / Crores	555.59	193.41	584.86
11	Fixed Annual Gas Transmission Charges	Rs / Crores			
12	Total Variable Cost	Rs / Crores	555.59	194.00	584.86
13	Net Energy charges per unit	Ps / kWhr	5.60	1.80	5.30

Form 20															
Abstract for cost of generation															
TNPGL															
Valuthur Gas Turbine Power Station (VGTPS)															
NAME OF THE COMPANY															
NAME OF THE POWER STATION															
Station	FY 2022-23 (Approved)					FY 2023-24 (Approved)					FY 2023-24 (True Up)				
	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in RS)
VGTPS	1078.00	400.70	555.59	956.29	8.87	1078.00	308.07	194.00	502.07	4.66	1,102.91	639.25	584.86	1,224.11	11.10

ANNEXURE I**ARR FORMATS****Erode Hydro Electric Power Station**

Form 1					
SUMMARY OF ARR					
NAME OF THE COMPANY			TNGECL		
NAME OF THE POWER STATION			Erode Hydro Electric Power Station		
Rs. Crores					
Sl. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Charges				
1	Return on Equity	4	-	-	64.27
2	Interest and Finance Charges	5C	388.06	322.62	122.16
3	Depreciation	9B	112.55	189.79	157.68
4	Interest on Working Capital	10	20.97	18.43	18.69
5	Operation and Maintenance Expenses	12E	195.4	109.12	142.08
6	Other Debits	14	-	-	-
7	Prior period Credits/ charges	15	-	-	-
8	Operating expenses	12D	-	-	3.19
9	Total Annual Fixed charges		716.98	639.96	508.07
10	Less: Other Income	16	0.28	-0.10	0.42
11	Net Annual Fixed Charges		716.70	640.06	507.66
II	Energy Charges (as per formula for Energy Charge Rate)				
	ECR = AFC X 0.5 X 10 / (DE X (100-Aux))		-	-	-
	Total Energy Charges		-	-	-
III	Total Cost		716.70	640.06	507.66

COMPUTATION OF RETURN ON EQUITY

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Erode Hydro Electric Power Station

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			459.07
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			0.001
4	Total Equity (Rs. Crores)			459.07
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	64.27

NAME OF THE COMPANY NAME OF THE POWER STATION		TNGECL Erode Hydro Electric Power Station Rs. Crores									
S.No.	Particulars	FY 2022-2023 (Approved)			FY 2023-24 (Approved)			FY 2023-2024 (True Up)			
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Repayment during the year	Closing Loan Amount
1	Loan Details							2075.05	1057.14	1434.17	1698.02
2	Interest on meter caution deposit										
3	Interest on GPF / CPF										
4	Interest on deposit from employees										
5	Interest on Family Benefit Fund contribution										0.05
6	Interest on TNEB Spl. PF cum Gratuity Scheme										
7	Cost of raising finance										
8	Bank charges										
9	Penal interest on E-Tax										1.86
10	Guarantee Commission to Govt.										
11	Other Interest										3.22
12	Total			388.06			322.62				122.16

NAME OF THE COMPANY NAME OF THE POWER STATION		TNGECL Erode Hydro Electric Power Station Rs. Crores			
S.No.	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up	
		388.06	322.62	122.16	
1	Total Interest				

ESTIMATE OF CAPITALIZATION

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Erode Hydro Electric Power Station

Rs. Crores

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
	Name of Works	Approved	Approved	True-up
1	Plant and machinery in generating Stations including plant foundations			0.00
	Turbine/Generators			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			0.00
	(a) Offices and show rooms			
	(b) Temporary erections such as wooden structures			
	(c) Roads other than kacha roads			
	(d) Others			
3	Transformers, transformer (kiosk) sub station equipment and other fixed apparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			0.00
10	(a) Office furniture and fittings			0.003
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
11	Motors			0.00
12	Communication equipments			0.00
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
13	Capitalization	57.03	31.03	0.003
14	TOTAL	57.03	31.03	0.003

Form 9B

DEPRECIATION

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Erode Hydro Electric Power Station

S. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)	-	-	2,777.20
2	Addition to GFA (Rs. Crores)	-	-	0.003
3	Closing GFA (Rs. Crores)	-	-	2,777.20
4	Average rate of Depreciation (%)	-	-	5.68%
5	Depreciation (Rs. Crores)	112.55	189.79	157.68

COMPUTATION OF INTEREST ON WORKING CAPITAL**NAME OF THE COMPANY****TNGECL****NAME OF THE POWER STATION****Erode Hydro Electric Power Station**

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	O&M expenses (Rs Crore)	-	-	11.84
2	Maintenance Spares (Rs Crore)	-	-	29.44
3	Receivables (Rs Crore)	-	-	84.61
4	Total Working Capital (Rs Crore)	-	-	125.89
5	Rate of Interest (%)	-	-	14.85%
6	Interest on Working Capital (Rs Crore)	20.97	18.43	18.69

Form 12A				
OPERATING AND MAINTENANCE EXPENSES - REPAIRS AND MAINTENANCE				
NAME OF THE COMPANY		TNGECL		
NAME OF THE POWER STATION		Erode Hydro Electric Power Station		
				Rs. Crores
Sr. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Plant & Machinery	-	-	5.03
2	Building	-	-	0.01
3	Civil Works	-	-	-0.08
4	Hydraulic work	-	-	-
5	Lines & Cable network	-	-	0.14
6	Vehicles	-	-	0.00
7	Furniture & Fixtures	-	-	0.00
8	Office equipments	-	-	0.19
9	Allocation of Head Quarters expenses	-	-	0.19
10	Others	-	-	-
11	Total Expenses	-	-	5.48
12	Less: Capitalisation	-	-	-
13	Net Repair & Maintenance expenses	-	-	5.48

OPERATING AND MAINTENANCE EXPENSES - EMPLOYEE COST

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Erode Hydro Electric Power Station

Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Salary			36.33
2	Overtime wages			0.75
3	Dearness Allowance			16.47
4	Other Allowances			1.77
5	Bonus & Exgratia			0.88
	Total 1 - 5			56.20
6	Medical expenses reimbursement			-
7	Leave Travel concession			-
8	Earned Leave encashment			2.68
9	Terminal benefits			1.94
10	Staff welfare expenses			0.01
11	Other Cost			-
12	Board's Contribution to CPS			1.64
13	Allocation of HQ Expense including pension			62.37
14	Grand Total			124.84
15	Less: Capitalisation			-
16	Net Expenses	-	-	124.84

Form 12C

OPERATING AND MAINTENANCE EXPENSES - ADMINISTRATION AND GENERAL EXPENSES

NAME OF THE COMPANY
NAME OF THE POWER STATION

TNGECL
Erode Hydro Electric Power Station

Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Rent, Rate & Taxes	-	-	0.53
2	Insurance	-	-	0.00004
3	Telephone / Postage / Telex	-	-	0.02
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges	-	-	0.07
5	Other professional fees	-	-	-
6	Conveyance & Travel	-	-	0.12
7	Fees & Subscription	-	-	0.0001
8	Books & Periodicals	-	-	0.0005
9	Printing & Stationery	-	-	0.0008
10	Training Expenses	-	-	0.18
11	Electricity Charges	-	-	-
12	Water Charges	-	-	-
13	Watch and Ward Expenses.	-	-	0.89
14	Petty Office Maintenance Expenses.	-	-	0.05
15	Miscellaneous Expenses	-	-	0.08
16	Freight	-	-	-
17	Other purchases related expenses	-	-	-
18	Allocation of Head Quarters Expenses	-	-	9.82
19	Total expenses	-	-	11.76
20	Less: Capitalisation	-	-	-
21	Net Expenses	-	-	11.76

Form 12D				
OPERATING AND MAINTENANCE EXPENSES - OPERATING EXPENSES				
NAME OF THE COMPANY		TNGECL		
NAME OF THE POWER STATION		Erode Hydro Electric Power Station		
Rs. Crores				
S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Water Charges	-	-	-
2	Lubricants and Consumables	-	-	3.19
3	Station Auxiliaries	-	-	-
4	Total Expenses	-	-	3.19

Form 12E

OPERATING AND MAINTENANCE EXPENSES**NAME OF THE COMPANY****TNGECL****NAME OF THE POWER STATION****Erode Hydro Electric Power Station****Rs. Crores**

S. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Net Repair & Maintenance Expenses	-	-	5.48
2	Net Employees Cost	-	-	124.84
3	Net Admn. & General Expneses	-	-	11.76
4	Total Operation and Maintenance Expenses	195.40	109.12	142.08

STATEMENT SHOWING OTHER INCOME

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Erode Hydro Electric Power Station

Rs. Crores

Sl.No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Interest on loan and advance to employees			0.42
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Income from Trading			
8	Income from Staff Welfare			
9	Miscellaneous Receipts	0.28		
10	Allocation from Head Quarters			
11	Total	0.28	-0.10	0.42

ABSTRACT FOR COST OF GENERATION															Form 20	
NAME OF THE COMPANY		TNGECL														
NAME OF THE POWER STATION		Erode Hydro Electric Power Station														
Sl. No	Station	FY 2022-23 (Approved)					FY 2023-24 (Approved)					FY 2023-24 (True Up)				
		Net Gen (MU)	AFC (Rs In Crs)	EC (Rs In Crs)	Total (Rs In Crs)	Cost per unit (In Rs)	Net Gen (MU)	AFC (Rs In Crs)	EC (Rs In Crs)	Total (Rs In Crs)	Cost per unit (In Rs)	Net Gen (MU)	AFC (Rs In Crs)	EC (Rs In Crs)	Total (Rs In Crs)	Cost per unit (In Rs)
1	Erode HEP	1726.84	716.70	-	716.70	4.15	1117.00	640.06	-	640.06	5.73	631.50	507.66	-	507.66	8.04

ANNEXURE I

ARR FORMATS

Kadamparai Hydro Electric Power Station

Form 1					
SUMMARY of ARR					
NAME OF THE COMPANY			TNGECL		
NAME OF THE POWER STATION			Kadamparai Hydro Electric Power Station		
			Rs. Crores		
Sl. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Charges				
1	Return on Equity	4	-	-	77.84
2	Interest and Finance Charges	5C	162.57	133.75	72.15
3	Depreciation	9B	18.90	29.18	91.21
4	Interest on Working Capital	10	7.20	5.81	13.22
5	Operation and Maintenance Expenses	12E	90.17	57.81	128.44
6	Other Debits	14	-	-	-
7	Prior period Credits/ charges	15	-	-	-
8	Operating expenses	12D	-	-	1.61
9	Total Annual Fixed charges		278.84	226.55	384.47
10	Less: Other Income	16	4.26	1.56	11.46
11	Net Annual Fixed Charges		274.58	224.99	373.01
II	Energy Charges (as per formula for Energy Charge Rate)				
	ECR = AFC X 0.5 X 10 / (DE X (100-Aux))				
	Total Energy Charges		-	-	-
III	Total Cost		274.58	224.99	373.01

Computation of Return on Equity

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kadamparai Hydro Electric Power Station

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crore)			555.67
2	Percentage of Equity Addition (Rs. Crore)			30%
3	Addition during the year (Rs. Crore)			0.69
4	Total Equity (Rs. Crore)			556.36
5	Return on Equity (in %)			14%
6	Return on Equity (Rs. Crore)	-	-	77.84

STATEMENT SOWING INTEREST AND FINANCE CHARGES										Form 5
NAME OF THE COMPANY										
NAME OF THE POWER STATION										
TNGECL										
Kadamparai Hydro Electric Power Station										Rs. Crores
S.No.	Particulars	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True Up)		
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest
1	Loan Details									
2	Interest on meter caution deposit									
3	Interest on GPF / CPF									
4	Interest on deposit from employees									
5	Interest on Family Benefit Fund contribution									
6	Interest on TNEB Spl. PF cum Gratuity Scheme									
7	Cost of raising finance									
8	Bank charges									
9	Penal interest on E-Tax									
10	Guarantee Commission to Govt.									
11	Other Interest									
12	Total			162.57			133.75			72.15
STATEMENT SOWING INTEREST AND FINANCE CHARGES										Form 5c
NAME OF THE COMPANY										
NAME OF THE POWER STATION										
TNGECL										
Kadamparai Hydro Electric Power Station										Rs. Crores
S.No.	Particulars	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up						
1	Total Interest	162.57	133.75	72.15						

Form 6				
Estimate of Capitalization				
NAME OF THE COMPANY		TNGECL		
NAME OF THE POWER STATION		Kadamparai Hydro Electric Power Station		
		Rs. Crores		
Sr. No.	Particulars Name of Works	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Plant and machinery in generating Stations including plant foundations			1.24
	Turbine/Generators			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			1.02
	(a) Offices and show rooms			
	(b) Temporary erections such as wooden structures			
	(c) Roads other than kacha roads			
	(d) Others			
3	Transformers, transformer (kiosk) sub station equipmernt and other fixed aparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			
10	(a) Office furniture and fittings			0.04
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
11	Motors			
12	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
13	Capitalization	19.20	17.25	2.30
14	TOTAL	19.20	17.25	2.30

Form 9B

Depreciation

NAME OF THE COMPANY TNGECL
NAME OF THE POWER STATION Kadamparai Hydro Electric Power Station

Particulars	FY 2022-23	FY 2023-24	FY 2023-24
	Approved	Approved	True-up
Opening GFA (Rs. Crores)			1,521.35
Addition to GFA (Rs. Crores)			2.30
Closing GFA (Rs. Crores)			1,523.65
Average rate of Depreciation (%)			6.00%
Depreciation (Rs. Crores)	18.9	29.18	91.21

Computation of Interest on Working Capital

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kadamparai Hydro Electric Power Station

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	O&M expenses (Rs Crore)			10.70
2	Maintenance Spares (Rs Crore)			16.15
3	Receivables (Rs Crore)			62.17
4	Total Working Capital (Rs Crore)			89.02
5	Rate of Interest (%)			14.85%
6	Interest on Working Capital (Rs Crore)	7.20	5.81	13.22

Form 12A

Operation and Maintenance expenses - Repairs and Maintenance

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kadamparai Hydro Electric Power Station

Rs. Crores

Sr. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Plant & Machinery	-	-	8.42
2	Building	-	-	-
3	Civil Works	-	-	0.63
4	Hydraulic work	-	-	-
5	Lines & Cable network	-	-	0.01
6	Vehicles	-	-	0.09
7	Furniture & Fixtures	-	-	0.00
8	Office equipments	-	-	0.01
9	Allocation of Head Quarters expenses	-	-	-
10	Others	-	-	0.00
11	Total Expenses	-	-	9.16
12	Less: Capitalisation	-	-	-
13	Net Repair & Maintenance expenses	-	-	9.16

Operation and Maintenance expenses - Employee Cost

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kadamparai Hydro Electric Power Station

Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Salary	-	-	24.27
2	Overtime wages	-	-	0.51
3	Dearness Allowance	-	-	10.96
4	Other Allowances	-	-	7.56
5	Bonus & Exgratia	-	-	0.35
6	Total 1 - 5	-	-	43.65
7	Medical expenses reimbursement	-	-	-
8	Leave Travel concession	-	-	-
9	Earned Leave encashment	-	-	2.06
10	Terminal benefits	-	-	1.98
11	Staff welfare expenses	-	-	0.02
12	Other Cost	-	-	-
13	Board's Contribution to CPS	-	-	0.95
14	Allocation of HQ Expense including pension	-	-	48.59
15	Grand Total	-	-	97.25
16	Net Expenses	-	-	97.25

Form 12C

Operation and Maintenance Expenses - Administration and General Expenses

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kadamparai Hydro Electric Power Station

Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Rent, Rate & Taxes	-	-	0.32
2	Insurance	-	-	0.05
3	Telephone / Postage / Telex	-	-	0.01
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges	-	-	0.04
5	Other professional fees	-	-	-
6	Conveyance & Travel	-	-	0.42
7	Fees & Subscription	-	-	0.02
8	Books & Periodicals	-	-	-
9	Printing & Stationery	-	-	0.01
10	Training Expenses	-	-	0.00
11	Electricity Charges	-	-	0.68
12	Water Charges	-	-	-
13	Watch and Ward Expenses.	-	-	1.78
14	Petty Office Maintenance Expenses.	-	-	0.00
15	Miscellaneous Expenses	-	-	7.43
16	Freight	-	-	-
17	Other purchases related expenses	-	-	-
18	Allocation of Head Quarters Expenses	-	-	11.27
19	Total expenses	-	-	22.03
20	Less: Capitalisation	-	-	-
21	Net Expenses	-	-	22.03

Form 12D				
Operation and Maintenance Expenses - Operating Expenses				
NAME OF THE COMPANY		TNGECL		
NAME OF THE POWER STATION		Kadamparai Hydro Electric Power Station		
		Rs. Crores		
S.No.	Details	FY 2022-23 Approved	FY 2023-24 Approved	FY 2023-24 True-up
1	Water Charges	-	-	-
2	Lubricants and Consumables	-	-	1.61
3	Station Auxiliaries	-	-	-
4	Total Expenses	-	-	1.61

Form 12E

Operation and Maintenance Expenses - Operating Expenses**NAME OF THE COMPANY****TNGECL****NAME OF THE POWER STATION****Kadamparai Hydro Electric Power Station****Rs. Crores**

S. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Net Repair & Maintenance Expenses	-	-	9.16
2	Net Employees Cost	-	-	97.25
3	Net Admn. & General Expnses	-	-	22.03
4	Total Operation and Maintenance Expenses	90.17	57.81	128.44

Statement showing other Income

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kadamparai Hydro Electric Power Station

Rs. Crores

Sl.No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Interest on loan and advance to employees			11.46
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Income from Trading			
8	Income from Staff Welfare			
9	Miscellaneous Receipts	4.26	1.56	
10	Allocation from Head Quarters			
	Total	4.26	1.56	11.46

Abstract for cost of generation

TNGECL

Kadamparai Hydro Electric Power Station

NAME OF THE COMPANY

NAME OF THE POWER STATION

Sl. No	Station	FY 2022-23 (Approved)					FY 2023-24 (Approved)					FY 2023-24 (True Up)				
		Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in Rs)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in Rs)	Net Gen (MU)	AFC (Rs.in Crs)	EC (Rs.in Crs)	Total (Rs.in Crs)	Cost per unit (in Rs)
1	Kadamparai HEP	856.63	274.58	-	274.58	3.21	864.00	224.98	-	224.99	2.60	516.68	373.01	-	373.01	7.22

ANNEXURE I**ARR FORMATS****Kundah Hydro Electric Power Station**

Form 1					
SUMMARY of ARR					
NAME OF THE COMPANY			TNGECL		
NAME OF THE POWER STATION			Kundah Hydro Electric Power Station		
			Rs. Crores		
Sl. No	Particulars	Reference to Form	FY 2022-23 Approved	FY 2023-24 Approved True-up	
I	Annual Fixed Charges				
1	Return on Equity	4	-	-	107.32
2	Interest and Finance Charges	5C	377.99	309.47	59.38
3	Depreciation	9B	46.76	66.85	82.86
4	Interest on Working Capital	10	15.56	12.38	15.42
5	Operation and Maintenance Expenses	12E	164.71	98.45	190.93
6	Other Debits	14	-	-	-
7	Prior period Credits/ charges	15	-	-	-
8	Operating expenses	12D	-	-	9.60
9	Total Annual Fixed charges		605.02	487.15	465.51
10	Less: Other Income	16	1.03	0.94	16.09
11	Net Annual Fixed Charges		603.99	486.21	449.42
II	Energy Charges (as per formula for Energy Charge Rate)				
	ECR = AFC X 0.5 X 10 / (DE X (100-Aux))		-	-	-
	Total Energy Charges		-	-	-
III	Total Cost		603.99	486.21	449.42

COMPUTATION OF RETURN ON EQUITY

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Equity at the beginning (Rs. Crores)			760.08
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			12.97
4	Total Equity (Rs. Crores)			773.06
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	107.32

STATEMENT SHOWING INTEREST AND FINANCE CHARGES												Form 5	
NAME OF THE COMPANY NAME OF THE POWER STATION												TNGECL Kundah Hydro Electric Power Station	Rs. Crores
S.No.	Particulars	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True Up)			Closing Loan Amount	Interest	
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Repayment during the year			
1	Loan Detail							888.47	452.63	614.07	727.04	50.11	
2	Interest on meter caution deposit												
3	Interest on GPF / CPF											0.83	
4	Interest on deposit from employees												
5	Interest on Family Benefit Fund contribution												
6	Interest on TNEB Spl. PF cum Gratuity Scheme												
7	Cost of raising finance												
8	Bank charges												
9	Penal interest on E-Tax											3.09	
10	Guarantee Commission to Govt.												
11	Other Interest											5.36	
12	Total			377.99								59.38	

STATEMENT SHOWING INTEREST AND FINANCE CHARGES						Form 5c	
NAME OF THE COMPANY NAME OF THE POWER STATION						TNGECL Kundah Hydro Electric Power Station	Rs. Crores
S.No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24			
		Approved	Approved	True-up			
1	Total Interest	377.99	309.47	59.38			

ESTIMATE OF CAPITALIZATION

Form 6

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

Rs. Crores

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
	Name of Works	Approved	Approved	True-up
1	Plant and machinery in generating Stations including plant foundations			0.14
2	Buildings and civil Engineering works of a permanent character, not mentioned above			0.12
	(a) Offices and show rooms			
	(c) Temporary erections such as wooden structures			
	(d) Roads other than kacha roads			
	(e) Others			
3	Transformers, transformer (kiosk) sub station equipment and other fixed apparatus (including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			
5	Lightening arresters			
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			0.00
10	Air-conditioning plants			
	(a) Static			
	(b) Portable			
11	(a) Office furniture and fittings and Others			42.98
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
12	Motors			
13	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
	Capitalization		0.00	43.24
14	TOTAL		0.00	43.24

Form 9B

DEPRECIATION

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

S. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Opening GFA (Rs. Crores)			1,189.11
2	Addition to GFA (Rs. Crores)			43.24
3	Closing GFA (Rs. Crores)			1,232.35
4	Average rate of Depreciation (%)			6.72%
5	Depreciation (Rs. Crores)	46.76	66.85	82.86

Computation of Interest on Working Capital

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	O&M expenses (Rs Crore)			15.91
2	Maintenance Spares (Rs Crore)			13.04
3	Receivables (Rs Crore)			74.90
4	Total Working Capital (Rs Crore)			103.85
5	Rate of Interest (%)			14.85%
6	Interest on Working Capital (Rs Crore)	15.56	12.38	15.42

Form 12A				
OPERATING AND MAINTENANCE EXPENSES - REPAIRS AND MAINTENANCE				
NAME OF THE COMPANY		TNGECL		
NAME OF THE POWER STATION		Kundah Hydro Electric Power Station		
Rs. Crores				
Sr. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Plant & Machinery	-	-	1.78
2	Building	-	-	0.0004
3	Civil Works	-	-	0.81
4	Hydraulic work	-	-	-
5	Lines & Cable network	-	-	0.0017
6	Vehicles	-	-	0.15
7	Furniture & Fixtures	-	-	-
8	Office equipments	-	-	0.0024
9	Allocation of Head Quarters expenses	-	-	-
10	Others	-	-	0.01
11	Total Expenses	-	-	2.76
12	Less: Capitalisation	-	-	-
13	Net Repair & Maintenance expenses	-	-	2.76

OPERATING AND MAINTENANCE EXPENSES - EMPLOYEE COST

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Salary	-	-	40.37
2	Overtime wages	-	-	0.42
3	Dearness Allowance	-	-	15.31
4	Other Allowances	-	-	9.62
5	Bonus & Exgratia	-	-	0.98
	Total 1 - 5	-	-	66.70
6	Medical expenses reimbursement	-	-	-
7	Leave Travel concession	-	-	-
8	Earned Leave encashment	-	-	3.81
9	Terminal benefits	-	-	6.86
10	Staff welfare expenses	-	-	0.28
11	Other Cost	-	-	0.07
12	Board's Contribution to CPS	-	-	2.23
13	Allocation of HQ Expense including pension	-	-	79.83
14	Grand Total	-	-	159.78
15	Less: Capitalisation	-	-	-
16	Net Expenses	-	-	159.78

Form 12C

OPERATING AND MAINTENANCE EXPENSES - ADMINISTRATION AND GENERAL EXPENSES

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Rent, Rate & Taxes	-	-	0.28
2	Insurance	-	-	0.00
3	Telephone / Postage / Telex	-	-	0.01
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges	-	-	0.04
5	Other professional fees	-	-	
6	Conveyance & Travel	-	-	0.46
7	Fees & Subscription	-	-	0.02
8	Books & Periodicals	-	-	
9	Printing & Stationery	-	-	0.00
10	Training Expenses	-	-	
11	Electricity Charges	-	-	
12	Water Charges	-	-	
13	Watch and Ward Expenses.	-	-	11.71
14	Petty Office Maintenance Expenses.	-	-	0.07
15	Miscellaneous Expenses	-	-	0.07
16	Freight	-	-	
17	Other purchases related expenses	-	-	0.00
18	Allocation of Head Quarters Expenses	-	-	15.72
19	Total expenses	-	-	28.39
20	Less: Capitalisation	-	-	
21	Net Expenses	-	-	28.39

OPERATING AND MAINTENANCE EXPENSES - OPERATING EXPENSES**NAME OF THE COMPANY****TNGECL****NAME OF THE POWER STATION****Kundah Hydro Electric Power Station****Rs. Crores**

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Water Charges	-	-	-
2	Lubricants and Consumables	-	-	9.60
3	Station Auxiliaries	-	-	-
4	Total Expenses	-	-	9.60

Form 12E

OPERATING AND MAINTENANCE EXPENSES

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

Rs. Crores

S. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Net Repair & Maintenance Expenses	-	-	2.76
2	Net Employees Cost	-	-	159.78
3	Net Admn. & General Expnses	-	-	28.39
4	Total Operation and Maintenance Expenses	164.71	98.45	190.93

STATEMENT SHOWING OTHER INCOME

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Kundah Hydro Electric Power Station

Rs. Crores

Sl.No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True-up
1	Interest on loan and advance to employees			16.09
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Income from Trading			
8	Income from Staff Welfare			
9	Miscellaneous Receipts	1.03		
10	Allocation from Head Quarters			
11	Total	1.03	0.94	16.09

ABSTRACT FOR COST OF GENERATION

NAME OF THE COMPANY
NAME OF THE POWER STATION

TNGECL
Kundah Hydro Electric Power Station

Sl. No	Station	FY 2022-23 (Approved)					FY 2023-24 (Approved)					FY 2023-24 (True Up)				
		Net Gen (MU)	AFC (Rs In Crs)	EC (Rs In Crs)	Total (Rs In Crs)	Cost per unit (In Rs)	Net Gen (MU)	AFC (Rs In Crs)	EC (Rs In Crs)	Total (Rs In Crs)	Cost per unit (In Rs)	Net Gen (MU)	AFC (Rs In Crs)	EC (Rs In Crs)	Total (Rs In Crs)	Cost per unit (In Rs)
1	Kundah HEP	2372.54	603.99	-	603.99	2.55	2221.00	486.21	-	486.21	2.19	1,754.97	449.42	-	449.42	2.56

ANNEXURE I

ARR FORMATS

Tirunelveli Hydro Electric Power Station

Form 1

SUMMARY of ARR

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

Rs. Crores

Sl. No	Particulars	Reference to Form	FY 2022-23	FY 2023-24	
			Approved	Approved	True-up
I	Annual Fixed Charges				
1	Return on Equity	4	0	0	47.93
2	Interest and Finance Charges	5C	240.2	203.89	71.27
3	Depreciation	9B	42.66	49.72	74.55
4	Interest on Working Capital	10	11.29	9.16	14.84
5	Operation and Maintenance Expenses	12E	136.67	89.43	195.10
6	Other Debits	14	-	-	-
7	Prior period Credits/ charges	15	-	-	-
8	Operating expenses	12D	-	-	0.19
9	Total Annual Fixed charges		430.82	352.20	403.89
10	Less: Other Income	16	0.53	1.03	1.58
11	Net Annual Fixed Charges		430.29	351.17	402.31
II	Energy Charges (as per formula for Energy Charge Rate)		-	-	-
	ECR = AFC X 0.5 X 10 / (DE X (100-Aux))		-	-	-
	Total Energy Charges		-	-	-
III	Total Cost		430.29	351.17	402.31

COMPUTATION OF RETURN ON EQUITY

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Equity at the beginning (Rs. Crores)			342.18
2	Percentage of Equity Addition (Rs. Crores)			30%
3	Addition during the year (Rs. Crores)			0.35
4	Total Equity (Rs. Crores)			342.54
5	Return on Equity (%)			14%
6	Return on Equity (Rs. Crores)	-	-	47.93

STATEMENT SOWING INTEREST AND FINANCE CHARGES												Form 5	
TNGECL Tirunelveli Hydro Electric Power Station												Rs. Crores	
NAME OF THE COMPANY NAME OF THE POWER STATION													
S.No.	Particulars	FY 2022-23 (Approved)			FY 2023-24 (Approved)			FY 2023-24 (True Up)			Interest	Closing Loan Amount	Interest
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Repayment during the year				
1	Loan Details												
2	Interest on meter caution deposit												
3	Interest on GPF / CPF												
4	Interest on deposit from employees												1.27
5	Interest on Family Benefit Fund contribution												
6	Interest on TNEB Spl. PF cum Gratuity Scheme												
7	Cost of raising finance												
8	Bank charges												
9	Penal interest on E-Tax												1.39
10	Guarantee Commission to Govt.												
11	Other Interest												2.45
12	Total			240.20			203.89						71.27

STATEMENT SOWING INTEREST AND FINANCE CHARGES												Form 5C	
TNGECL Tirunelveli Hydro Electric Power Station													
S.No.	Particulars	FY 2022-23			FY 2023-24			FY 2023-24			Interest	Closing Loan Amount	Interest
		Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Net additions	Interest	Outstanding at the beginning	Repayment during the year				
1	Total Interest			240.20			203.89						71.27

STATEMENT SOWING INTEREST AND FINANCE CHARGES											Form 5C
NAME OF THE COMPANY		TNGECL									
NAME OF THE POWER STATION		Tirumelveli Hydro Electric Power Station									
S.No.	Particulars	FY 2022-23			FY 2023-24			FY 2023-24			Rs. Crores
		Approved			Approved			True Up			
1	Total Interest			240.20			203.89				71.27

ESTIMATE OF CAPITALIZATION

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

Rs. Crores

Sr. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
	Name of Works	Approved	Approved	True Up
1	Plant and machinery in generating Stations including plant foundations			1.17
	Turbine/Generators			
2	Buildings and civil Engineering works of a permanent character, not mentioned above			
	(a) Offices and show rooms			
	(b) Temporary erections such as wooden structures			
	(c) Roads other than kacha roads			
	(d) Others			
3	Transformers, transformer (kiosk) sub station equipmernt and other fixed aparatus (Including plant foundations)			
	(a) Transformers (including foundation) having a rating of 100 kVA and over.			
	(b) Others			
4	Switch gear, including cable connections			-
5	Lightening arresters			-
	(a) Station type			
	(b) Pole type			
	(c) Synchronous condensers			
6	Batteries			
7	(a) Underground cables including joint boxes and disconnected boxes			
	(b) Cable duct systems			
8	Meters			
9	Self propelled vehicles			
10	(a) Office furniture and fittings			0.01
	(b) Office equipments			
	(c) Internal wirings including fittings and apparatus			
	(d) Street light fittings			
11	Motors			
12	Communication equipments			
	(a) Radio and higher frequency carrier system			
	(b) Telephone lines and telephones			
13	Capitalization		43.7	1.18
14	TOTAL		43.7	1.18

Form 9B

DEPRECIATION

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

S. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Opening GFA (Rs. Crores)			1,570.25
2	Addition to GFA (Rs. Crores)			1.18
3	Closing GFA (Rs. Crores)			1,571.44
4	Average rate of Depreciation (%)			4.75%
5	Depreciation (Rs. Crores)	42.66	49.72	74.55

COMPUTATION OF INTEREST ON WORKING CAPITAL

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

Sl. No.	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	O&M expenses (Rs Crore)			16.26
2	Maintenance Spares (Rs Crore)			16.66
3	Receivables (Rs Crore)			67.05
4	Total Working Capital (Rs Crore)			99.97
5	Rate of Interest (%)			14.85%
6	Interest on Working Capital (Rs Crore)	11.29	9.16	14.84

Form 12A				
OPERATING AND MAINTENANCE EXPENSES - REPAIRS AND MAINTENANCE				
NAME OF THE COMPANY		TNGECL		
NAME OF THE POWER STATION		Tirunelveli Hydro Electric Power Station		
Rs. Crores				
Sr. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Plant & Machinery	-	-	36.33
2	Building	-	-	-
3	Civil Works	-	-	0.13
4	Hydraulic work	-	-	-
5	Lines & Cable network	-	-	0.005
6	Vehicles	-	-	0.09
7	Furniture & Fixtures	-	-	0.003
8	Office equipments	-	-	0.004
9	Allocation of Head Quarters expenses	-	-	-
10	Others	-	-	-
11	Total Expenses	-	-	36.55
12	Less: Capitalisation	-	-	-
13	Net Repair & Maintenance expenses	-	-	36.55

OPERATING AND MAINTENANCE EXPENSES - EMPLOYEE COST

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Salary	-	-	34.23
2	Overtime wages	-	-	0.20
3	Dearness Allowance	-	-	15.58
4	Other Allowances	-	-	7.62
5	Bonus & Exgratia	-	-	0.59
	Total 1 - 5	-	-	58.22
6	Medical expenses reimbursement	-	-	-
7	Leave Travel concession	-	-	-
8	Earned Leave encashment	-	-	0.34
9	Terminal benefits	-	-	4.80
10	Staff welfare expenses	-	-	0.02
11	Other Cost	-	-	-
12	Board's Contribution to CPS	-	-	1.43
13	Allocation of HQ Expense including pension	-	-	64.72
14	Grand Total	-	-	129.54
15	Less: Capitalisation	-	-	-
16	Net Expenses	-	-	129.54

OPERATING AND MAINTENANCE EXPENSES - ADMINISTRATION AND GENERAL EXPENSES

NAME OF THE COMPANY
NAME OF THE POWER STATION

TNGECL
Tirunelveli Hydro Electric Power Station
Rs. Crores

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Rent, Rate & Taxes	-	-	0.04
2	Insurance	-	-	-
3	Telephone / Postage / Telex	-	-	0.02
4	Legal / Audit / Consultancy / Tech. fee / consultancy charges	-	-	0.09
5	Other professional fees	-	-	-
6	Conveyance & Travel	-	-	0.34
7	Fees & Subscription	-	-	0.04
8	Books & Periodicals	-	-	-
9	Printing & Stationery	-	-	0.01
10	Training Expenses	-	-	-
11	Electricity Charges	-	-	5.38
12	Water Charges	-	-	-
13	Watch and Ward Expenses.	-	-	15.30
14	Petty Office Maintenance Expenses.	-	-	0.02
15	Miscellaneous Expenses	-	-	0.02
16	Freight	-	-	-
17	Other purchases related expenses	-	-	-
18	Allocation of Head Quarters Expenses	-	-	7.74
19	Total expenses	-	-	29.00
20	Less: Capitalisation	-	-	-
21	Net Expenses	-	-	29.00

Form 12D

OPERATING AND MAINTENANCE EXPENSES - OPERATING EXPENSES**NAME OF THE COMPANY****TNGECL****NAME OF THE POWER STATION****Tirunelveli Hydro Electric Power Station****Rs. Crores**

S.No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Water Charges	-	-	0.19
2	Lubricants and Consumables	-	-	0.0004
3	Station Auxiliaries	-	-	0.0002
4	Total Expenses	-	-	0.19

Form 12E

OPERATING AND MAINTENANCE EXPENSES

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

Rs. Crores

S. No.	Details	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Net Repair & Maintenance Expenses	-	-	36.55
2	Net Employees Cost	-	-	129.54
3	Net Admn. & General Expnses	-	-	29.00
4	Total Operation and Maintenance Expenses	136.67	89.43	195.10

Statement showing other Income

NAME OF THE COMPANY

TNGECL

NAME OF THE POWER STATION

Tirunelveli Hydro Electric Power Station

Rs. Crores

Sl.No	Particulars	FY 2022-23	FY 2023-24	FY 2023-24
		Approved	Approved	True Up
1	Interest on loan and advance to employees			1.58
2	Interest on Investments			
3	Interest on Advance to suppliers / Contractors			
4	Interest from Banks			
5	Income from sale of tender forms, stores, scraps, etc.,			
6	Income from hiring vehicles to employees and other welfare activities			
7	Income from Trading			
8	Income from Staff Welfare			
9	Miscellaneous Receipts	0.53	1.03	
10	Allocation from Head Quarters			
	Total	0.53	1.03	1.58

ANNEXURE-II

DISTRIBUTION FORMS

Form 1

Summary of Aggregate Revenue Requirement

Name of the Company / Licensee

TNPDC

Rs. in. Crores

			FY2023-24	FY2023-24
Sl. No.	Particulars	Reference to Form	Approved	True Up
(1)	(2)	(3)		
1	Power Purchase Cost	7	34,028	48,130
1-A	TANTRANSCO, PGCIL & SLDC charges		8,547	7,624
2	Generation cost (Own Generation Plants)	9	18,718	24,920
3	Return on Equity	10		797
4	Interest on Loan Capital	11	4,984	8,129
5	Depreciation	15 B	1,828	2,432
6	Interest on Working Capital	16	15	675
7	Operation and Maintenance Expenses	18 D	10,670	11,969
	Total Revenue Requirement		78,790	1,04,677
10	Less: (i) Revenue at Existing tariff (including Subsidy)	25	74,143	71,614
11	(ii) Non-tariff revenue	21	2,612	6,228
12	(iii) Other income	22	1,286	2,786
13	(iv) Govt Grant- Loss Funding			17,117
14	(vii) Other Govt. Grant (Cyclone Funds)			13
	ARR Gap		749	6,920

Statement showing Consumer Category-wise demand/ Sales

NAME OF THE COMPANY

TNPDC

Sl. No.	Category of Consumer	Tariff	FY 2023-24 (Approved)	FY 2023-24 (True Up)		
			Sales in MU	No. of consumers	CL in KVA/KW	Sales in MU
	1	2				
I	HIGH TENSION					
1	Industries, Factories, IT Services	I	12,404.00	7,701	9,034.34	15,213.87
2	Railway Traction	IIA	1,083.00	1,082	1,200.36	3,212.13
3	Govt. Educational Institutions, Govt. Hospitals, Water Supply etc	IIA	1,601.00			
4	Private Educational Institutions, Cinema theatres, Studios	IIB	310.00	313	165.46	385.76
6	Commercial and all categories not covered in other HT categories	III	2,428.00	2,186	1,499.73	2,047.84
7	Lift Irrigation and Co-operative Soc. for Agriculture	IIA	37.00	57	34.54	50.40
8	Construction Activities and Other Temporary Purposes	IV	37.00	90	89.13	74.15
9	Public EV Charging Stations	V	-	6	2.65	2.56
10	Sale to Exchange					645.99
	Total HT		17,900.00	11,435	12,026.21	21,632.70
II	LOW TENSION					
1	Domestic, Multi-tenements, Old age homes, Hand Loom etc.	IA	33,608.00	2,37,93,929	4,61,38,151.69	32,622.00
2	Huts	IB	434.00	9,38,039	1,35,600	366
3	Bulk Supply with single point Metering	IC	10.00	1,173	9,597	9
4	Common Facilities in Multi-tenements	ID & IE	-	3,16,518	8,94,438	550
5	Public Lighting and Public Water Supply provided by Govt./Local bodies	IIA	2,471.00	8,16,866	30,94,235	2,677
6	Government and aided Educational Institutions In Hostels, Govt. Hospitals, others	IIB (1)	158.00	78,743	3,22,300	217
7	Private Educational Institutions	IIB (2)	235.00	16,271	2,91,590	292
8	Actual place of public worship	IIC	141.00	1,54,968	3,91,014	159
9	Cottage and Micro Industries	IIIA (1)	343.00	2,50,928	11,91,440	339
10	Powerlooms	IIIA (2)	989.00	1,63,618	7,81,975	963
11	Industries not covered under LT Tariff III A (1), III A (2) Including IT Services	III B	8,481.00	3,18,166	85,21,000	8,172
12	Agriculture and Allied Services	LT IV	17,504.00	23,52,628	1,82,98,786	15,909
13	Miscellaneous/General Purpose	LT V	7,317.00	36,37,045	1,28,76,000	9,108
14	Construction activities and Temporary Purposes	LT VI	291.00	3,63,457	8,85,972	363
15	Public Charging Station	LT VII		173	7,967	1
	Total LT		71,982.00	3,32,02,522	9,38,40,065	71,747
	Grand Total		89,882	3,32,13,957		93,380

Form 3B

Statement showing the Total Energy input Requirement

NAME OF THE COMPANY

TNPDC

S.No.	Particulars	Unit	FY 2023-24 Approved	FY 2023-24 True Up
1	Total Energy Required	MUs	1,05,284	1,30,669
2	Inter State Transmission loss	MUs	1,721	2,368
3	Total Energy Available at State Boundary	MUs	1,03,564	1,28,301
4	Intra State Transmission losses	MUs	3,956	4,729
5	Intra State Transmission losses	%	3.81%	3.70%
6	Wheeling Energy	MUs		19,974
7	Energy Available for sales	MUs		1,03,598
8	HT Sales at 110 kV, 230 kV and 400 kV (MU)	MUs	2,253	5,462
9	Energy Available at Distribution Network	MUs	97,365	98,136
10	Total LT Sales	MUs	71,982	71,747
11	Total HT Sales	MUs	15,647	21,633
12	Total Sales	MUs	87,629	93,380
13	Sales at Distribution Network	MUs	85,700	87,918
14	Distribution Losses	MUs	9,522	10,218
15	Distribution Losses	%	10.00%	10.41%

Details of HT Sales 110kV, 230 kV, and 400kV

S.No.	Voltage	Sales (MU)
1	110 KV	5001.891
2	230 KV	455.948
3	400 KV	3.938
Total		5461.777

Form 4

STATEMENT SHOWING ENERGY AVAILABILITY FROM EXTERNAL SOURCES

NAME OF THE COMPANY

TNPDC

Sr No.	Source of Power Purchase	FY 2023-24 (Appr.)	FY 2023-24 (True-up)	
		Purchase in MU)	Purchase in MU)	PLF (%)
I	NLC and Central Generating Stations			
1	New Neyveli TS	3,644	4,470	73%
2	Neyveli TS-II Stage I	3,848	2,082	96%
3	NLC TPS-II Second Expansion			0%
4	Neyveli TS-I Expansion	1,647	1,295	77%
5	Neyveli Expansion Unit II	1,033	908	27%
6	NTPL (NLC With Tangedco)	1,913	2,055	61%
7	NTPC SR (Ramagundan I & II)	3,505	3,099	66%
8	NTPC SR -III (Ramagundam III)	884	910	77%
9	Simhadri Stage II -Unit III		1,236	63%
10	Simhadri Stage II -Unit IV	1,271		
11	NTPC_TNEB JV Vallur Unit 1	5,469	4,708	51%
12	NTPC_TNEB JV Vallur Unit 2			
13	Talcher	3,647	3,637	81%
14	Madras APS	822	925	32%
15	Kaiga APS	1,961	1,757	82%
16	Kudankulam		6,977	69%
17	Kudankulam II	8,381		
18	PFBR Kalpakkam			
19	Kudgi Unit I	945	1,844	61%

Sr No.	Source of Power Purchase	FY 2023-24 (Appr.)	FY 2023-24 (True-up)	
		Purchase in MU)	Purchase in MU)	PLF (%)
20	Kudgi Unit II			
21	khalagaon STPS Stage I			0%
22	NNTPL			0%
23	NTPC ER (FARAKKA STPS)	119	211	100%
24	Talcher III			
25	NTPC Bongaigaun	-	157	13%
26	NTPC/Barh-1	518	480	58%
27	NTPC/Barh-2	611	707	73%
28	NTPC/KBUN	469	113	13%
29	NLC Talabira	-		0%
31	NTPC/Telangana		89	
	Total CGS	40,686	37,661	
II	IPPS			
1	SEPC	643	2,870	62%
2	Pillaiperumalnallur			
3	TAQA (STCMS)	1,318	1,365	62%
	Total IPPS	1,961	4,236	
III	Renewables and Traders			
1	Windmill	3,432	1,756	
2	Co-generation	347	392	
3	Biomass	2	2	
4	Captive generation	15		
5	Solar	7,466	6,580	
6	Co-Gen in Co-op Sugar Mills		99	
7	UI Power	-	-452	
8	Traders-MTOA	886	1,957	89%
9	Traders-LTOA	11,513	19,607	79%
10	Traders -STOA	886	2,650	43%
11	CPP_Traders		1	
12	Power Exchanges	6,535	8,604	
13	Total Renewables and Traders	31,083	41,196	
14	SWAP		-186	
15	ABT PGCIL	-	-	
16	PGCIL Reactive	-	-	
17	Hydro Utilization fund	-	-	
19	STOA Charges	-	-	
IV	Total	73,730	82,906	

Source of Power Purchase	FY 2023-24 (True-Up)							
	MU Units in	VC Rs/kwh	Total Variable Cost Rs. Crores	Total Fixed Cost Rs. Crores	Total Cost Rs Crores	Net Prior Period Expenses	Total Cost net of Prior Period	Cost Rs/kwh
NTPC ER (FARAKKA STFS)	211.03	2.93	61.84	38.61	100.45		100.45	4.76
Kudgi Unit I	1,843.62	5.30	977.94	427.14	1,405.08		1,405.08	7.62
Kudgi Unit II							-	
Talcher I							-	
NTPC Kayamkulam				2.47	2.47		2.47	
NTPC Bongaigaun	156.54	3.48	54.41	44.31	98.72		98.72	6.31
NTPC/Barh-1	480.44	3.21	154.02	127.68	281.70		281.70	5.86
NTPC/Barh-2	707.43	3.42	242.02	151.71	393.74		393.74	5.57
NTPC/KBUN	113.50	2.83	32.07	13.45	45.53		45.53	4.01
NLC Talabira							-	
Reconciliation- Uduamelpet and Palladam							-	
NTPC/Telangana	89.40	3.75	33.52	16.89	50.42		50.42	5.64
Total CGS	37,660.74	3.67	13,816.92	4,762.97	18,579.89	-	18,579.89	4.93
IPPS								
SEPC	2,870.04	4.28	1,229.40	625.42	1,854.82	-	1,854.82	6.46
TAQA (STCMS)	1,365.49	4.59	626.82	267.04	893.85		893.85	6.55
PPN Power Gen. Co. Pvt. Ltd.						189.31	189.31	
	4,235.53	4.38	1,856.22	892.46	2,748.68	189.31	2,937.99	6.94

Source of Power Purchase	FY 2023-24 (True-Up)							
	Units in MU	VC Rs/kwh	Total Variable Cost Rs. Crores	Total Fixed Cost Rs. Crores	Total Cost Rs Crores	Net Prior Period Expenses	Total Cost net of Prior Period	Cost Rs/kwh
Renewables and Traders								
Windmill	1,756.00	5.11	897.49	-	897.49		897.49	5.11
Co-generation	391.58	5.60		219.20	219.20		219.20	5.60
Biomass	2.38	5.20	1.24	0.31	1.55		1.55	6.52
Captive generation							-	
Solar	6,580.00	6.09	4,008.86	-	4,008.86		4,008.86	6.09
Co-Gen in Co-op Sugar Mills	98.79			95.77	95.77		95.77	9.69
UI Power	-452.44	-3.75	169.81	-	169.81		169.81	-3.75
Traders-MTOA	1,957.12	2.02	394.85	501.64	896.49		896.49	4.58
Traders-LTOA	19,606.84	3.26	6,391.88	3,927.96	10,319.84		10,319.84	5.26
Traders -STOA	2,650.28	9.43	2,500.47	33.22	2,533.69		2,533.69	9.56
Power Exchanges	8,605.65	9.24	7,953.37	-	7,953.37		7,953.37	9.24
Total Renewable and Traders	41,196.19	5.42	22,317.97	4,778.10	27,096.07	-	27,096.07	6.58
Central Transmission Utility of India Ltd.				3,484.11	3,484.11		3,484.11	
POSOCO				11.67	11.67		11.67	
TRANSCO				4,128.05	4,128.05	-	4,128.05	
Swap	-186.20				-	-	-	-
ABT PGCIL					-		-	
PGCIL Reactive					-		-	
Hydro Balancing Fund				-564.34	-564.34		-564.34	
STOA Charges				80.59	80.59		80.59	
Total Transmission	-186.20	-	-	7,140.08	7,140.08	-	7,140.08	
Total	82,906.26	13.47	37,991.11	17,573.61	55,564.73	189.31	55,754.04	6.72

ENERGY AVAILABILITY FROM OWN GENERATING STATIONS

NAME OF THE COMPANY

TNPDCCL

I	Generating Station	Approved	True Up			
		FY 2023-24	FY 2023-24			
		Net (in MU)	PLF (in %)	Aux. Consu. (in %)	Gross (in MU)	Net (in MU)
I	Coal Based Thermal Stations					
1	TTPS	4,642	70.31%	9.00%	6,485.13	5,901.47
2	MTPS I	4,726	78.68%	9.04%	5,805.20	5,280.41
3	NCTPS I	3,291	65.35%	10.11%	3,616.45	3,250.83
4	MTPS II	2,941	60.76%	7.60%	3,202.15	2,958.95
5	NCTPS Stage II	5,882	60.43%	7.17%	6,370.02	5,913.28
6	NCTPS Stage-III	3,268				
7	Udangudi Stage I	-				
	Total	24,750.00			25,478.94	23,304.93
II	Gas based Thermal Stations					
1	TGTPS	267	14.96%	26.55%	47.27	34.72
2	KGTPS	375	78.29%	6.45%	694.61	649.81
3	BBGTPS	6	0.00%	0.00%	0.00	-
4	VGTPS-1	1081.00	71.56%	6.27%	1176.69	1,102.91
5	VGTPS-2					
	Total	1729.00			1918.57	1,787.44
III	Hydro Stations					
1	Erode HEP	1,120	14.40%	0.87%	637.05	631.50
2	Kadamparai HEP	867	9.70%	0.49%	519.22	516.68
3	Kundah HEP	2,227	24.06%	0.39%	1761.76	1,754.97
4	Tirunelveli HEP	1,148	23.95%	0.40%	789.6	786.48
	Total	5362			3707.63	3,689.63
IV	Wind mills	4.00				3.09
V	Total Generation					28,785.09
	Less Kadamparai Pump Mode	290.00				144.00
VI	Total Net Generation	31,555.00			31,105.14	28,641.09

*25 MUs generated by NCTPS III during trial run not included in total generation

Form 9

STATEMENT SHOWING ENERGY AVAILABILITY FROM OWN GENERATING STATIONS

NAME OF THE COMPANY

TNPDC

Sl. No	Power Station	FY 2023-24 (True Up)			
		Net Gen (MU)	AFC (Rs.in Crs)	VC (Rs.in Crs)	Total (Rs.in Crs)
1	Tuticorin TPS	5,901.47	2,431.96	2,273.69	4,705.65
2	Mettur TPS	5,280.41	1,491.55	2,871.96	4,363.51
3	North Chennai TPS	3,250.83	2,385.37	1,280.82	3,666.19
4	NCTPS Stage-II	5,913.28	1,604.42	2,475.81	4,080.24
5	MTPS Stage-II	2,958.95	1,159.33	1,853.79	3,013.12
6	NCTPS Stage-III				
7	Udangudi				
I	Coal based Stations [A]	23,304.93	9,072.63	10,756.08	19,828.71
6	Tirumakottai GTPS	34.72	447.89	50.12	498.01
7	Kuttalam GTPS	649.81	434.66	356.90	791.56
8	Basin Bridge GTPS	-	845.48	0.21	845.69
9	Valuthur	1,102.91	639.25	584.86	1,224.11
10	Valuthur Unit-II				
II	Gas based Stations [B]	1,787.44	2,367.29	992.09	3,359.38
11	Erode HEP	631.50	507.66	-	507.66
12	Kadamparai HEP	516.68	373.01	-	373.01
13	Kundah HEP	1,754.97	449.42	-	449.42
14	Tirunelveli HEP	786.48	402.31	-	402.31
15	Less Kadamparai pump mode	144.00			
III	Hydro Stations [C]	3,545.63	1,732.39	-	1,732.39
IV	Wind Stations	3			
V	Total	28,641.00	13,172.31	11,748.17	24,920.47

*25 MUs generated by NCTPS III during trial run not included in total generation

Form 10

Computation of Return on Equity

NAME OF THE COMPANY

TNPDCL

Rs Crores

Sl. No	Particulars	FY 2023-24	FY 2023-24
		Approved	True Up
1	Equity at the beginning		5,582.60
2	% Equity Addition		30%
3	Addition during the year		220.62
4	Total Equity		5,803.22
5	Return on Equity (in %)		14.00%
6	Return on Equity		797.01

Form 11

Interest and Finance Charges

NAME OF THE COMPANY/LICENSEE

TNPDCL

Sl No.	Particulars	FY 2023-24	FY 2023-24
		Approved	True Up
1	Opening Loan Balance (Rs. Crores)		64,042.00
2	Loan Addition (Rs. Crores)		35,600.27
3	Repayments (Rs. Crores)		12,105.14
4	Closing Loan Balance (Rs. Crores)		87,537.14
5	Average Loan Balance (Rs. Crores)		75,789.57
6	Average Loan Interest Rate (%)		8.47%
7	Interest Charges (Rs. Crores)	4,984.33	6,422.56
8	Interest on Security Deposit (Rs. Crores)		1,006.17
9	Other finance charges (Rs. Crore)		700.43
	Total Finance Charges (Rs. Crore)	4,984.33	8,129.17

Details of Other Finance Charges**NAME OF THE COMPANY/LICENSEE****TNPDCL**

S.No.	Particulars	Amount in Crores
1	Interest On Consumer Security Deposits	996.42
2	Interest On Consumer Meter Caution Deposits	9.75
	Interest on Secutiry Deposits and Meter Caution Deposits	1,006.17
3	Bank charges	50.63
4	Guarantee Charges	249.48
5	Interest on Contributory Pension Scheme	302.34
6	Int On General Provident Fund	95.23
7	Interest On Special Provident Fund	2.76
	Other Finance Charges	700.43

Form 12

Capitalisation**NAME OF THE COMPANY/LICENSEE****TNPDCL****Rs Crores**

Sl. No.	Name of Works	FY 2023-24	FY 2023-24
		Approved	True Up
1	Capitalisation	4,379.77	735.41

Form 15B

Depreciation

NAME OF THE COMPANY

TNPDC

S.No.	Particulars	FY 2023-24	FY 2023-24
		Approved	True Up
1	Opening GFA (Rs. Crores)		42,457.61
2	Addition to GFA (Rs. Crores)		735.41
3	Closing GFA (Rs. Crores)		43,193.02
4	Average Rate of Depreciation (%)	5.28%	5.63%
5	Depreciation (Rs. Crores)	1,828.35	2,432.42

Interest on Working Capital		Form 16
Name of the Company		TNPDCL
		Rs. Crores
Sl. No.	Particulars	FY 2023-24 True Up
1	O & M expenses	997.43
2	Maintenance Spares	457.40
3	Receivables	17,207.16
4	Total Working Capital	18,662.00
5	Less: Consumer Security Deposit	14,119.52
6	Net Working Capital	4,542.48
7	Rate of Interest	14.85%
8	Interest on Working Capital	674.56

Form 17

Details of Revenue Expenses Capitalised

Name of the Company

TNPDCCL

Rs. Crores

Sl.No	Particulars	FY 2023-24
		True Up
	Interest Expenditure	
1	Normal Interest Expenditure	
2	Interest during construction	
	Other Expenditure	
1	Repairs and Maintenance	
2	Employee Cost	28.58
3	Administrative and General Expenditure	0.04
4	Fabrication Charges	
5	Depreciation and other related costs	
6	Other Debits	
	Total	28.62

Form 18 A

Operation and Maintenance expenses - Repairs and Maintenance Expenses

NAME OF THE COMPANY

TNPDCCL

Rs. Crores

S. No.	Details	FY 2023-24
		True Up
1	Plant & Machinery	229.88
2	Building	0.27
3	Civil Works	2.84
4	Hydraulic work	
5	Lines & Cable network	6.58
6	Vehicles	1.60
7	Furniture & Fixtures	0.09
8	Office equipments	2.23
9	Allocation of Head Quarters Expenses	15.00
10	Other Expenses	
	Total Expenses	258.49
11	Less: Capitalisation	
	Net Repair & Maintenance expenses	258.49

Form 18 B

Operation and Maintenance Expenses - Employee Cost

NAME OF THE COMPANY

TNPDC

Rs. Crores

S. No.	Details	FY 2023-24
		True Up
1	Salary	3,398.32
2	Overtime wages	40.64
3	Dearness Allowance	1,521.46
4	Other Allowances	357.41
5	Bonus & Exgratia	119.54
	Total 1 - 5	5,437.38
6	Earned Leave encashment	180.32
7	Terminal benefits	583.98
8	Staff welfare expenses	10.46
9	Remeasurement of Employee Benefit Plan	2,754.26
10	Allocation of HQ Expense towards Pension	2,495.82
	Grand Total	11,462.22
11	Less: Capitalisation	28.58
	Net Expenses	11,433.65

Form 18 C

Operation and Maintenance Expenses - Administration and General Expenses

NAME OF THE COMPANY / Licensee

TNPDC

Rs. Crores

S. No.	Details	FY 2023-24
		True Up
1	Rent/Rates and Taxes	17.73
2	Insurance	0.79
3	Telephone/Postage/Telegram/Telex charges	21.53
4	Legal Charges	3.17
5	Consultancy Charges	2.40
6	Conveyance & Travel	27.15
7	Fees & Subscription	1.25
8	Books & Periodicals	5.90
9	Electricity Charges	35.71
10	Watch and Ward Expenses.	7.66
11	Petty Office Maintenance Expenses.	11.10
12	Miscellaneous Expenses	57.79
13	Other Purchase related Expenses.	5.23
14	Head Quarter	79.71
	TOTAL A&G Expenses	277.12
15	Less Expenses Capitalized	0.04
	Net A&G Expenses	277.08

Form 18 D

Total Operation and Maintenance Expenses

NAME OF THE COMPANY / Licensee

TNPDCL

Rs. Crores

S. No.	Details	FY 2023-24
		True Up
1	Net Repair & Maintenance Expenses	258.49
2	Net Employees Cost	11,433.65
3	Net Admn. & General Expnses	277.08
4	Total Operation and Maintenance Expenses	11,969.22

Form 21

Statement showing other Income

Name of the Company

TNPDCI

Rs. Crores

Sl.No	Particulars	FY 2023-24	FY 2023-24
		(Approved)	True Up
1	Interest on Staff Loans & Advances		188.02
2	Income from Investment		282.43
3	Delayed Payment Surcharges Collected from Consumers		107.39
4	Gain on Sale of Fixed assets		230.39
5	TNPFC Prompt Payment Rebate		1,435.50
6	Miscellaneous Receipts		497.11
7	Amortization of Capital Grants		44.95
	Total Other Income	1,286.21	2,785.80

Non-Tariff Revenue			Form 22
Name of the Company			TNPDC
			Rs. Crores
Sl.No	Particulars	FY 2023-24 (Approved)	FY 2023-24 True Up
1	Meter Rent / Service line Rentals	2,612	98
2	Open Access Wheeling charges		995
3	Network Charges IIT		62
4	Network Charges LT		38
5	Miscellaneous Charges collected from Consumers		376
6	Cross Subsidy Surcharge		579
7	Reconnection Charges		83
8	Name Transfer Fees		50
9	Application Fees		22
10	Dismantling Charges		6
11	Shifting Charges		36
12	Estimate Charges		198
13	BPSC		72
14	Charges for Replacement of damaged/burnt meter/Visit.		10
15	Charges for dishonoured cheque - Service Charge.		1
16	Fuse charges		1
17	Income from other services provided to customers		1,877
18	Parallel Opn Chgs HT		14
19	Green Tariff Charges		5
20	Other Operational Income		63
21	Excess Demand Charges, Power Factor Penalty, CC Arrears and Other Miscellaneous Charges		1,537
22	Theft of Energy		94
23	Capacity Compensation Charges		3
24	Damage to Board Properties		8
	Total Non Tariff Income	2,612	6,228

Name of the Company			Abstract of Category wise sales			TNPDCI	
						FY 2023-24	
			True-Up				
S. No.	Consumer Category	Category	Sales (MUs)	Revenue* (Rs. Crores)	Average Realisation Rs./ unit		
I	HIGH TENSION						
1	Industries, Factories, IT Services	I	15,213.87	16,553.10		10.88	
2	Govt. Educational Institutions, Govt. Hospitals, Railway Traction, Lift Irrigation, etc	IIA	3,212.13	3,192.25		9.94	
3	Lift Irrigation and Co-operative Soc. for Agriculture	IIA	50.40	56.71		11.25	
4	Private Educational Institutions	IIB	385.76	427.57		11.08	
5	Miscellaneous Categories	III	2,047.84	2,792.21		13.63	
6	Construction Activities and Other Temporary Purposes	IV	74.15	129.30		17.44	
7	Public EV Charging Stations	V	2.56	2.50		9.78	
8	Sale of Power to Exchange		645.99	383.22			
	Sub Total HT (A)		21,632.70	23,536.86		10.88	
	LOW TENSION						
1	Domestic, Multi-tenements, Old age homes, Hand Loom etc.	IA	32,622.00	16,904.09		5.18	
2	Huts	IB	366.00	298.85		8.17	
3	Bulk Supply with single point Metering	IC	8.87	7.34		8.28	
4	Common Facilities in Multi-tenements	ID & IE	550.00	553.92		10.07	
6	Public Lighting and Public Water Supply provided by Govt./Local bodies	IIA	2,676.86	2,549.86		9.52	
7	Government and aided Educational Institutions in Hostels, Govt. Hospitals, others	IIB (1)	217.31	229.57		10.56	
8	Private Educational Institutions	IIB (2)	291.82	335.12		11.48	
9	Actual place of public worship	II C	158.84	156.81		9.87	
10	Cottage and Micro Industries	IIIA (1)	339.09	296.55		8.75	
11	Powerlooms	IIIA (2)	962.80	816.41		8.48	
12	Industries, IT Services	IIIB	8,172.06	7,770.36		9.51	
13	Agriculture and Allied Services	IV	15,909.00	6,593.95		4.14	
14	Miscellaneous/General Purpcse	V	9,108.00	10,504.27		11.53	
15	Construction activities and Temporary Purposes	VI	363.29	1,058.92		29.15	
16	Public Charging Station		1.21	1.28		10.51	
	Sub Total LT (B)		71,747.15	48,077.11		6.70	
	Total HT and LT (A+B) (C)		93,379.85	71,613.97		7.67	

Details of SWAP Sales/Purchase During FY 2023-24				
NAME OF THE COMPANY		TNPDCCL		
S.no	Sales		Purchases	
	Units in Mus	Amount Rs. In Crores	Units in Mus	Amount (Rs. In Crores)
1	1,212.65	810.02	186.2	137.79

*SWAP sales and purchases are accounted on notional basis (unit to unit adjustment), hence not included in the ARR

Tamil Nadu Power Distribution Corporation Limited							
Consumption & Revenue for 2023-2024							
Sl.No.	Category of Consumer	Tariff	April 2023 to March 2024				
			No. of Consumers	Connected Load (MVA)	Total Consumption (in MU)	Assessment (Rs. in Crs.)	Average realisation (Rs. / unit)
	I High Tension Supply						
1	Registered factories, Textiles, Tea Estate, Software Industries etc.	I	7,701	9,034.34	15,213.87	16,553.10	10.88
2	Govt. Educational Institutions, Govt. Hospitals, Water supply etc. and Railway Traction	IIA	1,082	1,200.36	3,212.13	3,192.25	9.94
3	Lift Irrigation and Co-operative Soc. for Agriculture	IIB	57	34.54	50.40	56.71	11.25
4	Private Educational Institutions	IIIB	313	165.46	385.76	427.57	11.08
5	Commercial and all categories not covered in other HT categories	IIII	2,186	1,499.73	2,047.84	2,792.21	13.63
6	HT Temporary Supply for construction & other purpose	IV	90	89.13	74.15	129.30	17.44
7	Public Charging Station	V	6	2.65	2.56	2.50	9.78
8	Sale of Power to Exchange				645.99	383.22	
	Sub Total HT (A)		11,435	12,026.21	21,632.70	23,536.86	10.88

* 646 MUs to be taken separately which accounts to sale of power in exchange

Tamil Nadu Power Distribution Corporation Limited						
Consumption & Revenue for 2023-2024						
Sl.No.	Category of Consumer	Tariff	April 2023 to March 2024			
			No. of Consumers	Connected Load (KW/HP)	Total Consumption (in MU)	Average realisation (Rs./unit)
	II. Low Tension Supply					
1	Domestic, Hand Loom etc.	IA	2,37,93,929	4,61,38,151.69	32,622.00	16,904.09
2	Huts in Village panchayats, TAHDCO etc.	IB	9,38,039	1,35,500.00	366.00	298.85
3	LT Bulk supply for railway, defence colonies etc.	IC	1,173	9,597.00	8.87	7.34
4	Domestic Common Supply	II & IE	3,16,518	8,94,437.75	550.00	553.92
5	Public Lighting and Public Water Supply & Sewerage	IIA	8,16,866	50,94,235.36	2,676.86	2,549.66
6	Government and aided Educational Instn., Government Hospitals etc.	II B (1)	78,723	3,22,300.00	229.57	229.57
7	Private Educational Instn.,	II B (2)	16,271	2,91,590.00	217.31	335.12
8	Actual place of public worship, Mutts and Religious Institutions	II C	1,54,968	3,91,013.93	158.84	158.84
9	Cottage and Tiny Industries	IIA (1)	2,50,928	11,91,439.57	339.09	296.55
10	Powerloom etc.	IIA (2)	1,63,618	7,81,575.07	962.80	816.41
11	Industries not covered under L.T. Tariff IIA(1), IIA(2) incl. IT	II B	3,18,166	85,21,000.00	8,172.06	7,770.36
12	Agriculture and Govt. seed farm etc.	IV	23,52,628	1,82,98,786.00	15,909.00	6,593.95
13	Commercial and all categories not covered in other LT categories	V	36,37,045	1,28,76,000.00	9,108.00	10,504.27
14	Temp. supply other than Domestic and Lavish illuminations	VI	3,63,457	8,85,971.84	363.29	1,058.92
15	Public Charging Station	VII	173	7,967.00	1.21	1.28
	Sub Total LT (B)		3,32,02,522	9,33,40,065.20	71,747.15	48,077.11
						6.70

Abstract of HT Revenue

Consumer category	Slabs	Telescopic slab	Q1			Q2, Q3, Q4			Total Revenue in Rs. Crore
			Demand Charges (Rs. Crores)	Energy Charges Rs.in Crores	Total Revenue Rs /Crore	Demand Charges (Rs. Crores)	Energy Charges Rs.in Crores	Total Revenue Rs. Crore	
HT Supply									
HT - I	Industries	All slabs	1,292.27	2,801.95	4,094.22	4,073.58	7,633.36	11,706.94	15,801.16
		ToD	-	230.06	230.06	-	684.10	684.10	914.16
		Night Charges	-	-45.87	-45.87	-	-116.35	-116.35	-162.22
		Total	1,292.27	2,986.13	4,278.41	4,073.58	8,201.12	12,274.70	16,553.10
HT - IIA	Government Institutions, Railway Traction, Lift Irrigation	GoTN Institutions	177.07	567.92	744.99	557.22	1,716.59	2,273.80	3,018.79
		ToD	-	50.73	50.73	-	154.09	154.09	204.82
		Night Charges	-	-7.83	-7.83	-	-23.53	-23.53	-31.37
		Sub total	177.07	610.81	787.89	557.22	1,847.14	2,404.36	3,192.25
		HT Lift Irrigation	5.12	9.19	14.31	15.75	26.65	42.40	56.71
		Meter Rent	-	-	-	-	-	-	-
HT - IIB	Private Educational Institutions	Sub total	5.12	9.19	14.31	15.75	26.65	42.40	56.71
		Total	182.20	620.00	802.20	572.97	1,873.79	2,446.76	3,248.96
		All slabs	24.40	73.51	97.91	75.49	220.13	295.62	393.53
		ToD	-	18.38	18.38	-	19.06	19.06	37.43
HT - III	Miscellaneous	Night Charges	-	-0.87	-0.87	-	-2.53	-2.53	-3.39
		Total	24.40	91.02	115.42	75.49	236.66	312.15	427.57
		All slabs	218.26	488.61	706.86	662.12	1,281.52	1,943.64	2,650.50
		ToD	-	42.40	42.40	-	119.59	119.59	161.99
HT - IV	HT Temporary supply	Night Charges	-	-5.59	-5.59	-	-14.69	-14.69	-20.28
		Total	218.26	525.41	743.67	662.12	1,386.42	2,048.54	2,792.21
			6.44	18.28	24.72	32.41	72.18	104.59	129.30
HT - V	Public EV Charging	All slabs	0.11	-	0.11	0.18	2.21	2.40	2.50
		Total	0.11	-	0.11	0.18	2.21	2.40	2.50
	HT Total		1,723.67	4,240.84	5,964.51	5,416.75	11,772.38	17,189.13	23,153.64

* 646 MUs to be taken separately which accounts to sale of power in exchange

Abstract of LT Revenue									
Consumer category	Slabs	Telescopic slab	Q1			Q2, Q3, Q4			Total Revenue in Rs. Crore
			Fixed Charges Rs. In Crores	Energy Charges Rs.in Crores	Total Revenue Rs /Crore	Fixed Charges Rs. In Crores	Energy Charges Rs.in Crores	Total Revenue Rs. Crore	
LT - IA	Domestic								
	0-100 units		-	204.04	204.04	-	624.76	624.76	828.80
	101-200 units	0-100	-	373.86	373.86	-	1,199.88	1,199.88	1,573.74
		101-200	-	208.44	208.44	-	628.25	628.25	836.69
		0-100	-	551.80	551.80	-	1,758.50	1,758.50	2,310.30
	201-500 units	101-200	-	551.80	551.80	-	1,758.50	1,758.50	2,310.30
		201-300	-	410.70	410.70	-	1,262.83	1,262.83	1,673.53
		301-400	-	179.94	179.94	-	536.14	536.14	716.09
		401-500	-	67.01	67.01	-	186.70	186.70	253.71
	Above 500 units	0-100	-	166.48	166.48	-	406.00	406.00	572.48
		101-200	-	166.48	166.48	-	406.00	406.00	572.48
		201-300	-	166.48	166.48	-	406.00	406.00	572.48
		301-400	-	170.98	170.98	-	406.00	406.00	576.98
		401-500	-	227.98	227.98	-	542.80	542.80	770.78
		501-600	-	251.22	251.22	-	583.01	583.01	834.23
		601-800	-	315.85	315.85	-	706.52	706.52	1,022.37
		801-1000	-	176.99	176.99	-	366.16	366.16	543.15
		Above 1000	-	317.29	317.29	-	618.68	618.68	935.96
	Total		-	4,507.36	4,507.36	-	12,396.73	12,396.73	16,904.09
LT - TB	Hut		84.87	-	84.87	213.98	-	213.98	298.85
LT - IC	Bulk Supply		0.04	1.86	1.90	0.11	5.33	5.44	7.34
LT - ID	Common Supply (with lift and		26.28	144.50	170.77	61.17	282.31	343.49	514.26
LT - IE	Common Supply (without lift		-	-	-	20.94	18.73	39.66	39.66
LT-IIA	Street Light & Over Head	All units	93.77	522.72	616.48	284.05	1,649.13	1,933.18	2,549.66
LT IIB (1)	Government & Government aided Educational Institutions etc	0-50 kW	8.91	40.93	49.84	24.51	135.40	159.91	209.76
		Above 50-112	2.44	-	2.44	15.93	-	15.93	18.36
		Above 112 kW (ToD)	0.44	-	0.44	1.01	-	1.01	1.45
			-	-	-	-	-	-	-
		Total	11.79	40.93	52.72	41.45	135.40	176.85	229.57
LT II B(2)	Private Educational Institutions	0-50 kW	7.62	77.21	84.83	13.68	174.86	188.54	273.37
		Above 50-112	16.54	-	16.54	40.04	-	40.04	56.58
		Above 112 kW (ToD)	0.83	-	0.83	4.34	-	4.34	5.17
			-	-	-	-	-	-	-
		Total	24.98	77.21	102.19	58.06	174.86	232.93	335.12
LT IIC	Actual places of public worship	0-120	5.14	5.99	11.13	15.68	12.26	27.94	39.07
		above 120	6.73	21.62	28.36	20.21	69.18	89.39	117.75
		Total	11.87	27.61	39.48	35.90	81.44	117.33	156.81
LT IIIA(1)	Cottage & Tiny Industries	0-500	19.69	16.37	36.07	62.73	48.76	111.49	147.56
		Above 500	4.47	32.79	37.26	14.48	97.26	111.74	149.00
		Total	24.16	49.16	73.32	77.21	146.02	223.23	296.55
LT IIIA(2)	Power Loom	0-500	9.97	19.69	29.66	32.40	57.48	89.87	119.53
		501-750	2.94	16.36	19.30	8.76	48.11	56.87	76.17
		751-1000	1.67	10.93	12.60	4.94	34.56	39.50	52.10
		1001-1500	1.79	14.32	16.11	5.25	43.05	48.31	64.42
		Above 1500	7.10	121.83	128.93	20.43	354.83	375.26	504.19
		Total	23.47	183.12	206.59	71.79	538.03	609.81	816.41
LT IIIB	Industries	0-50 kW	132.95	1,537.99	1,670.95	228.76	4,682.87	4,911.63	6,582.58
		Above 50-100	284.76	-	284.76	662.20	-	662.20	946.96
		Above 100-112	-	-	-	-	-	-	-
		Above 112 kW	32.94	-	32.94	207.88	-	207.88	240.82
		ToD (with smart	-	-	-	-	-	-	-
		ToD (without	-	-	-	-	-	-	-
		Network charges	-	-	-	-	-	-	-
		Total	450.65	1,537.99	1,988.64	1,098.84	4,682.87	5,781.72	7,770.36
LT IV	Agriculture		1,612.11	-	1,612.11	4,981.84	-	4,981.84	6,593.95
LT V	Commercial	0-100	10.47	61.65	72.12	32.04	304.30	336.34	408.46
		0-50 kW	334.41	2,376.30	2,710.71	1,023.29	5,828.82	6,852.11	9,562.82
		Above 50-112 kW	111.78	-	111.78	343.16	-	343.16	454.94
		Above 112 kW	8.25	-	8.25	69.80	-	69.80	78.05
		ToD	-	0.00	0.00	-	-	-	0.00
		Total	464.91	2,437.95	2,902.86	1,468.30	6,133.12	7,601.41	10,504.27
LT VI	Temporary Supply	All units	168.01	107.58	275.60	448.12	335.20	783.32	1,058.92
LT VII	Public EV charging station	05.00 to 10.00	-	0.04	0.04	0.18	1.05	1.23	1.28
		Total	-	0.04	0.04	0.18	1.05	1.23	1.28
			2,996.90	9,638.04	12,634.95	8,861.93	26,580.23	35,442.16	48,077.11

Revenue Details for HT Quarter 1													
Consumer category	Slabs	Telescopic slab	No. of consumers	Connected Load MVA	Billable Demand (In MVA)	Consumption Mus	Demand Charges (Rs./KVA/month)	Energy Charges (Rs. / unit)	Fixed Charges Rs. In Crores	Energy Charges Rs.in Crores	Total Revenue Rs. Crore	Average realisation (Rs. / unit)	
HT Supply	HT I	All slabs	7,449	8,641.89	23495.87	4,151.03	550.00	6.75	1,292.27	2,801.95	4,094.22	9.86	
		ToD						1.69	-	230.06	230.06	1.69	
		Night Charges						-0.34	-	-45.87	-45.87	-0.34	
		Total	7,449	8,641.89			4,151.03			1,292.27	2,986.13	4,278.41	10.31
HT - IIA	Government Institutions, Railway Traction , Lift Irrigation	GoTN Institutions	1,039	1,116.56	3219.52	811.31	550.00	7.00	177.07	567.92	744.99	9.18	
		ToD	-	-				-	1.75	-	50.73	50.73	1.75
		Night Charges						-0.35	-	-7.83	-7.83	-0.35	
		Sub total	1,039	1,116.56			811.31			177.07	610.81	787.89	9.71
HT - IIB	Private Educational Institutions	HT Lift Irrigation	56	34.44	93.12	13.13	550.00	7.00	5.12	9.19	14.31	10.90	
		Meter Rent	-	-			-	3,700.00	-	-	-	-	-
		Sub total	56	34.44			13.13			5.12	9.19	14.31	10.90
		Total	1,095	1,151.00			824.44			182.20	620.00	802.20	9.73
HT - IIC	Miscellaneous	All slabs	2,142	1,461.83	3968.32	574.83	550.00	8.50	218.26	488.61	706.86	12.30	
		ToD	-	-				-	2.13	-	42.40	42.40	2.13
		Night Charges						-0.43	-	-5.59	-5.59	-0.43	
		Total	2,142	1,461.83			574.83			218.26	525.41	743.67	12.94
HT - IV	HT Temporary supply		73	44.96	117.08	15.23	550.00	12.00	6.44	18.28	24.72	16.23	
HT - V	Public EV Charging Station	All slabs	2	0.70	1.92	0.10	550.00	-	0.11	-	0.11	10.56	
		05.00 to 10.00 and 14.00 to 18.00 hrs	-					10.00	-	-	-	-	-
		19.00 to 14.00 and 23.00 to 05.00 hrs	-					8.00	-	-	-	-	-
		18.00 to 23.00 hrs	-					12.00	-	-	-	-	-
	Total		2	0.70		0.10			0.11	-	0.11	10.56	
	HT Total		11,068	11,460.28		5,663.64			1,723.67	4,240.84	5,964.51	10.53	

Revenue Details for HT Quarter 2,3, and 4

Revenue Details for HT Quarter 2,3, and 4												
Consumer category	Slabs	Telescopic slab	No. of consumers	Connected Load MVA	Billable Demand (In MVA)	Consumption Mus	Demand Charges (Rs./KVA/month)	Energy Charges (Rs. / unit)	Fixed Charges Rs. In Crores	Energy Charges Rs.in Crores	Total Revenue Rs. Crore	Average realisation (Rs. /unit)
HT Supply		All slabs	7,701	9,034.34	72483.64	11062.84	562.00	6.90	4,073.58	7,633.36	11,706.94	10.58
HT I	Industries	ToD					-	1.73	-	684.10	684.10	1.73
		Night Charges						-0.35		-116.35	-116.35	
		Total	7,701	9,034.34		11,062.84		4,073.58	8,201.12	12,274.70	11.10	
HT - IIA	Government Institutions, Railway Traction , Lift Irrigation	GoTN Institutions	1,082	1,200.36	9,914.87	2,400.32	562.00	7.15	557.22	1,716.59	2,273.80	9.47
		ToD	-	-			-	1.75	-	154.09	154.09	1.79
		Night Charges						-0.36		-23.53	-23.53	
		Sub total	1,082	1,200.36		2,400.82		557.22	1,847.14	2,404.36	11.26	
		HT Lift Irrigation	57	34.54	280.32	37.27	562.00	7.15	15.75	26.65	42.40	11.38
HT - IIB	Private Educational Institutions	Meter Rent	-	-			-	-	-	-	-	
		Sub total	57	34.54		37.27		15.75	26.65	42.40	11.38	
		Total	1,139	1,234.90		2,438.09		572.97	1,873.79	2,446.76	10.04	
		All slabs	313	165.46	1,343.30	287.75	562.00	7.65	75.49	220.13	295.62	10.27
		ToD	-	-			-	1.91	-	19.06	19.06	1.91
HT - III	Miscellaneous	Night Charges						-0.38		-2.53	-2.53	
		Total	313	165.46		287.75		75.49	236.66	312.15	10.85	
		All slabs	2,186	1,499.73	11,781.48	1,473.01	562.00	8.70	662.12	1,281.52	1,943.64	13.20
		ToD	-	-			-	2.18	-	119.59	119.59	2.18
		Night Charges						-0.44		-14.69	-14.69	
HT - IV	HT Temporary supply	Total	2,186	1,499.73		1,473.01			662.12	1,386.42	2,048.54	13.91
			90	89.13	576.66	58.92	562.00	12.25	32.41	72.18	104.59	17.75
HT - V	Public EV Charging Station	All slabs	6	2.65	13.25	2.46	135.00	9.00	0.18	2.21	2.40	9.74
		05.00 to 10.00 and 14.00 to 18.00 hrs	-				138.00	9.00		-	-	
		19.00 to 14.00 and 23.00 to 05.00 hrs	-				138.00	6.00		-	-	
		18.00 to 23.00 hrs	-				138.00	7.50		-	-	
		Total	6	2.65		2.46		0.18	2.21	2.40	9.74	
HT Total			11,435	12,026.21		15,323.07			5,416.75	11,772.38	17,189.13	9.74
												11.22

[illegible]

Revenue Details for LT Quarter 2, 3, and 4

Consumer category	Slabs	Telescopic slab	No. of consumers	Connected Load KW/HP	Consumption Mus	Fixed Charge	Energy Charge (Rs./unit)	Fixed Charges Rs. In Crores	Energy Charges Rs.in Crores	Total Revenue Rs. Crore	Average realisation (Rs./unit)
LOW TENSION											
	Domestic										
	0-100 units		-	-	1,358.18	-	4.60	-	624.76	624.76	4.60
	101-200 units		-	-	2,608.43	-	4.60	-	1,199.88	1,199.88	4.60
					1,365.76	-	4.60	-	628.25	628.25	4.60
					3,822.82	-	4.60	-	1,758.50	1,758.50	4.60
					3,822.82	-	4.60	-	1,758.50	1,758.50	4.60
	201-500 units		-	-	2,745.29	-	4.60	-	1,262.83	1,262.83	4.60
			-	-	1,165.53	-	4.60	-	536.14	536.14	4.60
			-	-	303.58	-	6.15	-	186.70	186.70	6.15
LT - IA											
	0-100		79,43,030	1,24,07,657.38	882.61	-	4.60	-	406.00	406.00	4.60
	101-200		62,66,802	1,03,57,164.18	882.61	-	4.60	-	406.00	406.00	4.60
	201-300		45,66,511	89,30,546.43	882.61	-	4.60	-	406.00	406.00	4.60
	301-400		24,26,957	57,85,109.19	882.61	-	4.60	-	406.00	406.00	4.60
	401-500		12,31,578	34,75,055.21	882.61	-	6.15	-	542.80	542.80	6.15
	Above 500 units		5,86,091	18,53,537.49	715.35	-	8.15	-	583.01	583.01	8.15
			4,75,984	17,76,628.38	767.96	-	9.20	-	706.52	706.52	9.20
	801-1000		1,67,531	7,10,297.37	358.98	-	10.20	-	366.16	366.16	10.20
	Above 1000		1,49,445	8,42,156.06	549.93	-	11.25	-	618.68	618.68	11.25
LT - IB	Total		2,37,93,929	4,61,38,151.69	23,997.67				12,396.73	12,396.73	5.17
LT - IC	Hut Bulk Supply		9,38,039	1,35,600.00	274.50	307.00	9.35	213.98	-	213.98	
			1,173	9,597.00	6.54	102.00	8.15	0.11	5.33	5.44	8.31
LT - ID	Common Supply (with lift and more than 3 floors)		2,11,458	6,66,383.73	346.40	102.00	8.15	61.17	282.31	343.49	9.92
LT - IE	Common Supply (without lift and less than 3 floors)		1,05,060	2,28,054.02	22.98	102.00	8.15	20.94	18.73	39.66	
LT - IIA	Street Light & Over Head Tank		8,15,866	30,94,235.36	2,023.47	102.00	8.15	284.05	1,649.13	1,933.18	9.55
	Government & Government aided Educational Institutions etc										
			78,743	2,67,000.00	166.14	102.00	8.15	24.51	135.40	159.91	9.63
			-	53300	0	332.00	8.15	15.93	-	15.93	
			-	2000	0	562.00	8.15	1.01	-	1.01	
			-	0	0	-	10.19	-	-	-	
	Total		78,743	3,22,300.00	1,666.14			41.45	135.40	176.85	10.64

Distribution - Actual Capital Expenditure incurred and Capitalisation during FY 2023-24 (Rs. in Crs.)																
S.N o.	Region	Estimate value proposed	Approved by Commission FY 2023-24	Expenditure incurred upto previous year		Expenditure incurred during the quarter (01.04.2023 to 30.06.2023)		Expenditure incurred during the quarter (01.07.2023 to 30.09.2023)		Expenditure incurred during the quarter (01.10.2023 to 31.12.2023)		Expenditure incurred during the quarter (01.01.2024 to 31.03.2024)			Total	
				Capital expenditure Incurred (A)	Amount Capitalisation (B)	Capital expenditure incurred(C)	Amount Capitalisation (D)	Capital expenditure incurred(C)	Amount Capitalisation (D)	Capital expenditure incurred(C)	Amount Capitalisation (D)	Capital expenditure incurred(C)	Amount Capitalisation (D)	Capital working progress E=(A+C)- (B+D)	Capital expenditure incurred(C)	Amount Capitalisation (D)
VII	Tiruchy Region															
28	Tiruchy Metro	1726.81	68.25	101.93	28.29	14.83	3.28	17.32	4.49	15.91	4.84	14.03	9.65	113.16	0.00	0.00
29	Pudukottai	73.83	45.70	101.13	18.31	9.54	0.34	8.00	0.28	28.03	0.37	16.55	0.53	143.42	62.12	1.52
30	Perambalur	27.55	27.55	137.75	29.92	14.31	1.67	17.49	0.15	14.27	8.09	23.30	19.16	148.13	69.37	29.07
31	Dindugal	104.44	22.94	137.63	0.00	23.37	7.83	14.96	3.79	12.88	5.00	10.13	3.88	178.47	61.34	20.50
	Total		164.44	478.44	76.52	62.05	13.42	57.77	6.71	71.09	18.30	64.01	33.22	583.18	254.92	73.66
VIII	Vellore Region															
32	Vellore	4.00	4.00	134.55	29.83	10.49	1.54	11.28	1.28	10.77	1.64	9.34	3.35	138.39	41.88	8.21
33	Tirupathur	116.22	33.03	113.76	85.91	9.75	3.50	9.61	10.20	8.52	5.69	9.01	8.32	36.63	36.89	28.11
34	Krishnagiri	37.64	37.64	176.00	56.23	39.60	2.23	31.43	1.15	35.75	2.09	26.54	3.24	244.38	133.32	8.71
	Total		74.67	424.31	171.97	59.84	8.07	52.32	12.63	55.04	9.42	44.89	14.91	419.40	212.09	45.03
IX	Villupuram Region															
35	Cuddalore	144.66	144.66	402.54	0.00	30.02	1.21	21.61	1.79	13.03	1.01	12.8	2.99	473.00	77.46	7.00
36	Villupuram	65.93	65.93	114.90	0.00	0.69	0.53	2.06	5.98	26.44	2.84	22.18	2.93	152.59	51.37	13.68
	Total		210.59	517.44	0.00	30.71	2.14	23.67	8.77	39.47	3.85	34.98	5.92	625.59	128.83	20.68
X	Karur Region															
37	Namakkal	50.80	50.80	229.88	0.00	16.74	7.56	14.56	5.30	12.34	3.51	10.66	7.02	260.79	54.30	23.39
38	Karur	75.70	75.70	205.69	49.69	11.40	5.52	11.90	5.85	7.87	1.01	11.01	5.86	178.93	42.17	19.25
	Total		126.50	435.57	49.69	28.14	13.08	26.46	12.15	20.21	4.52	21.67	12.88	439.72	96.47	42.64
XI	Tanjavore Region															
39	Tanjavore	197.67	66.07	282.82	6.03	17.99	1.68	15.6	1.05	11.64	0.77	15.92	0.05	334.39	61.15	3.55
40	Nagapattinam	45.78	45.78	188.21	48.67	8.69	1.56	12.1	1.53	11.63	0.88	7.20	1.18	174.01	39.62	5.15
41	Tiruvarur	40.13	40.13	271.03	65.25	8.20	3.96	12.46	2.03	8.78	0.49	10.33	2.69	236.38	39.77	9.17
	Total		151.98	742.06	119.95	34.88	7.20	40.16	4.61	32.05	2.14	33.45	3.92	744.78	140.54	17.87
XII	Tiruvannamalai Region															
42	Dharmapuri	119.10	23.23	214.44	38.40	9.45	0.54	13.31	2.21	8.53	0.75	10.34	2.03	212.14	41.63	5.53
43	T.V. Malai	365.15	46.50	195.97	75.48	3.49	0.63	16.02	1.73	23.03	4.39	11.00	3.00	164.28	53.54	9.75
44	Kallakurichi	108.78	108.78	70.77	0.00	12.45	8.34	9.33	5.02	11.56	4.91	13.29	2.85	96.28	46.63	21.12
	Total		178.50	481.18	113.88	25.39	9.51	38.66	8.96	43.12	10.05	34.63	7.88	472.70	141.80	36.40
	Grand Total		2193.05	9081.72	1974.05	454.53	158.98	537.47	145.23	617.59	192.14	611.59	239.06	8633.45	2261.18	735.41

Distribution - Actual Capital Expenditure incurred and Capitalisation during FY 2023-24 (Rs. in Crs.)

Thermal																	
S. No.	Region	Estimate value proposed	Approved by Commission FY 2023-24	Expenditure incurred upto previous year		Expenditure incurred during the quarter (01.04.2023 to 30.06.2023)		Expenditure incurred during the quarter (01.07.2023 to 30.09.2023)		Expenditure incurred during the quarter (01.10.2023 to 31.12.2023)		Expenditure incurred during the quarter (01.01.2024 to 31.03.2024)				Total	
				Capital expenditure incurred (A)	Amount Capitalisation (B)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital working progress E=(A+C)+	Capital expenditure incurred (C)
1	ITPS	1034.85	411.70	0.00	0.00	6.36	4.31	2.09	1.77	5.19	5.19	12.61	20.86	-5.88	26.25	32.13	
2	MTPS-I	134.24	426.39	8.48	2.24	0.40	0.00	6.48	0.47	0.42	0.71	2.91	2.25	13.02	10.21	3.43	
3	MTPS-II	604.54	118.87	13.18	0.00	0.00	0.00	0.22	0.00	0.00	0.00	7.22	8.39	12.23	7.44	8.39	
4	NCTPS-I	883.79	183.19	250.55	14.48	163.48	0.00	18.77	0.05	21.24	0.18	24.30	0.00	463.63	227.79	0.23	
5	NCTPS-II	1364.93	839.12	298.55	155.80	5.89	0.00	1.00	2.16	1.23	33.04	6.76	0.45	121.98	14.88	35.65	
TOTAL			1979.27	570.76	172.52	176.13	4.31	28.56	4.45	28.08	39.12	53.79	31.94	604.98	286.57	79.83	

Distribution - Actual Capital Expenditure incurred and Capitalisation during FY 2023-24 (Rs. in Crs.)

GTS

GTS																	
S. No	Region	Estimate value proposed	Approved by Commission FY 2023-24	Expenditure incurred upto previous year		Expenditure incurred during the quarter (01.04.2023 to 30.06.2023)		Expenditure incurred during the quarter (01.07.2023 to 30.09.2023)		Expenditure incurred during the quarter (01.10.2023 to 31.12.2023)		Expenditure incurred during the quarter (01.01.2024 to 31.03.2024)				Total	
				Capital expenditure Incurred (A)	Amount Capitalisation (B)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)		
1	Thirumakottai (Kovilkalappal) GTPS	0.00	35.00	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
2	Kuttalam GTPS	70.04	42.00	1.87	1.87	0.92	0.00	0.00	0.00	77.53	0.00	0.14	0.00	78.59	78.59	0.00	0.00
3	Valuthur GTPS	14.00	84.42	0.00	0.00	0.00	0.00	0.00	0.00	14.99	15.35	0.45	0.45	-0.36	15.44	15.80	15.80
4	Basin Bridge GTPS	0.00	0.90	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
	TOTAL	84.04	162.41	1.87	1.87	0.92	0.00	0.00	0.00	92.52	15.35	0.59	0.45	78.23	94.03	15.80	15.80

Distribution - Actual Capital Expenditure incurred and Capitalisation during FY 2023-24 (Rs. in Crs.)

S. No	Region	Estimate value proposed	Approved by Commission FY 2023-24	Hydro																Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				Expenditure incurred upto previous year		Expenditure incurred during the quarter (01.04.2023 to 30.06.2023)		Expenditure incurred during the quarter (01.07.2023 to 30.09.2023)		Expenditure incurred during the quarter (01.10.2023 to 31.12.2023)		Expenditure incurred during the quarter (01.01.2024 to 31.03.2024)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Capital expenditure incurred (A)	Amount Capitalisation (B)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital working progress E=(A+C)-(B+D)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1	Tirunelveli Generation Circle	188.84	43.70	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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</

Distribution - Actual Capital Expenditure incurred and Capitalisation during FY 2023-24 (Rs. in Crs.)													
S.No	Name of the Region/Circle	Expenditure incurred upto previous year		Expenditure incurred during the quarter (01.04.2023 to 30.06.2023)		Expenditure incurred during the quarter (01.07.2023 to 30.09.2023)		Expenditure incurred during the quarter (01.10.2023 to 31.12.2023)		Expenditure incurred during the quarter (01.01.2024 to 31.03.2024)			
		Capital expenditure Incurred (A)	Amount Capitalisation (B)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital working progress E=(A+C)-(B+D)	
													Total Amount Capitalisation (D)
I	Chennai North Region	1159.77	202.50	39.43	7.10	40.86	3.30	33.71	5.41	54.12	12.17	1097.01	27.98
II	Chennai South Region	1155.75	329.21	56.06	5.23	71.35	7.04	64.50	8.07	68.25	24.79	1041.57	45.13
III	Coimbatore Region	1179.44	224.20	18.49	4.54	14.31	7.83	124.68	47.48	109.00	34.11	1127.76	93.96
IV	Erode Region	917.28	189.53	42.09	27.47	49.88	36.39	48.17	32.37	51.68	39.24	784.30	135.47
V	Madurai Region	619.84	159.50	33.16	14.46	38.25	11.77	32.94	16.20	44.49	18.21	548.15	60.64
VI	Tirunelveli Region	970.64	336.51	54.29	46.76	83.79	23.07	52.61	34.33	50.22	31.81	749.29	135.96
VII	Tiruchy Region	478.44	76.52	32.05	13.42	57.77	8.71	71.09	18.30	64.01	33.22	583.18	73.66
VIII	Vellore Region	424.31	171.57	59.84	8.07	52.32	12.63	55.04	9.42	44.89	14.91	419.40	45.03
IX	Villupuram Region	517.44	0.00	30.71	2.14	23.67	8.77	39.47	3.85	34.98	5.92	625.59	20.68
X	Karur Region	435.57	49.69	28.14	13.08	26.46	12.15	20.21	4.52	21.67	12.88	439.72	42.64
XI	Tanjavore Region	742.06	119.55	34.83	7.20	40.16	4.61	32.05	2.14	33.45	3.92	744.78	17.87
XII	Tiruvannamalai Region	481.18	113.58	25.39	9.51	38.66	8.96	43.12	10.05	34.63	7.88	472.70	36.40
	Total	9081.72	1974.05	434.53	158.98	537.47	145.23	617.59	192.14	611.59	239.06	8633.45	735.41

Generation - Actual Capital Expenditure incurred and Capitalisation during FY 2023-24 (Rs. in Crs.)													
S.No	Name of the Region/Circle	Expenditure incurred upto previous year		Expenditure incurred during the quarter (01.04.2023 to 30.06.2023)		Expenditure incurred during the quarter (01.07.2023 to 30.09.2023)		Expenditure incurred during the quarter (01.10.2023 to 31.12.2023)		Expenditure incurred during the quarter (01.01.2024 to 31.03.2024)			Total Amount Capitalisation (D)
		Capital expenditure Incurred (A)	Amount Capitalisation (B)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital expenditure incurred (C)	Amount Capitalisation (D)	Capital working progress E=(A+C)-(B+D)	
I	Thermal Power Plants	570.76	172.52	176.13	4.31	28.56	4.45	28.08	39.12	53.79	31.94	604.98	79.83
II	Gas Turbine Power Stations	1.87	1.57	0.92	0.00	0.00	0.00	92.52	15.35	0.59	0.45	78.23	15.80
III	Hydro Generating Stations	47.22	4.05	1.80	10.01	6.00	8.18	3.15	0.33	12.35	28.20	19.75	46.72
	Total	619.84	178.44	178.85	14.32	34.56	12.63	123.75	54.80	66.73	60.60	702.95	142.35
												Total	877.76

Consolidated Power Purchase from Traders Details

S.No	Sources	Actual Units in MU	Actual Amt.
			(Rs. Crs.)
1	Traders (STOA)		
	NVVN JVPL, Nigire	217.30	184.19
	NVVN JNSTPP	66.71	54.44
	NVVN - ILFS	265.05	219.25
	PTC India Ltd.	250.63	387.68
	Manikaran Energy(Coastal)	677.17	604.94
	Manikaran Energy (KSK)	-	-
	PTC Sembcorp	110.59	93.29
	PTC Simhapuri	52.29	44.32
	PTC Adhunik	35.20	28.73
	Arunachal Pradesh Corporation	-	0.04
	Instinct Infrastructure	-	0.14
	Refex Industries Ltd.	301.88	298.34
	Shree Cement	282.67	285.68
	Sub Total Traders 1	2,259.50	2,201.04
2	Traders (STOA) (Tender)		
	OPG Power Generation Pvt. Ltd.,	141.19	120.19
	Suryadev Alloys and Pwer Pvt. Ltd.,	249.58	212.46
	Sub Total Traders 2	390.77	332.64
3	Traders (MTOA)		
	PTC India Ltd. (Pilot-II DB Power)	746.55	269.36
	PTC India Ltd. (Pilot-II Jai Prakash Power)	428.62	147.89
	PTC India Ltd. (ILFS)	-	144.08
	PTC India Ltd. (Gamalanga)	781.94	335.16
	Sub Total Traders 3	1,957.12	896.49
4	Traders (LTOA)		
	Jindal Case1 Bidding	3,185.16	1,488.06
	Opg Pvt Ltd	338.64	240.77
	Coastal Energen Pvt. Ltd.	2,767.34	1,642.49
	PTC India Ltd.	783.34	381.63
	Dhariwal Infrastructure Ltd.	772.39	326.17
	DB Power Ltd.	1,598.05	743.44
	IL&FS Tamil Nadu Power	3,673.48	2,316.07
	Bharath Aluminium	1,548.97	686.40
	KSK Mahanadi Power	3,776.93	1,914.76
	GMR Energy Trading Ltd.	1,131.34	559.30
	Nvvn Solar	31.20	20.75

	Sub Total Traders 4	19,606.84	10,319.84
	Total 1+2+3+4	24,214.23	13,750.02

