



TNEB LIMITED

**TAMIL NADU GENERATION AND
DISTRIBUTION CORPORATION LIMITED**

**TAMIL NADU TRANSMISSION CORPORATION
LIMITED**

DATA CARD
(2022-23)

Installed capacity as on 01.04.2023

(PLANT WISE BREAK UP DETAILS)

A. Conventional Energy Sources

Thermal Power Plants		
Sl.No.	Name of Power Station	Capacity in MW
1	Mettur Thermal Power Station-I (4x210 MW)	840
2	Tuticorin Thermal Power Station (5x210 MW)	1,050
3	North Chennai Thermal Power Station –I (3x210MW)	630
4	Mettur Thermal Power Station II (1x600 MW)	600
5	North Chennai Thermal Power Station –II (2x600 MW)	1200
	Total (Thermal)	4,320.00

Gas Turbine Power Plants		
Sl. No.	Name of Power Station	Capacity in MW
1	Basin Bridge Gas Turbine Power Station (4x30 MW)	120.00
2	Thirumakottai (Kovilkalappal) Gas Turbine Power Station (1x107.88 MW)	107.88
3	Valuthur Gas Turbine Power Station (Phase I- 95MW & Phase II-92.2MW)	187.20
4	Kuttalam Gas Turbine Power Station (1x101 MW)	101.00
	Total (Gas)	516.08

Installed capacity as on 01.04.2023 (Contd...)
(PLANT WISE BREAK UP DETAILS)

Share from Central Generating Stations					
Sl. No	Stations	No of Units x capacity in MW	Total Capacity (MW)	Share in MW	Type of Fuel
1	RSTPS St I &II	3x200 +3x500	2100	537.20	Coal
2	RSTPS St III	1x500	500	134.30	Coal
3	Talcher St II	4x500	2000	502.40	Coal
4	Simhadri	2x500	1000	213.10	Coal
5	Kudgi	3x800	2400	378.30	Coal
6	Vallur U-I, II & III	3x500	1500	1,069.80	Coal
7	Farakka	3x200 +2x500	1600	20.60	Coal
8	Khalagon	4x210	840	5.90	Coal
9	Talcher St I	2x500	1000	8.50	Coal
10	BARH-I	3x660	1980	94.10	Coal
11	BARH-II	2x660	1320	110.90	Coal
12	KBUNL(MTPS-II)	2x195	390	96.50	Coal
13	Bongaigaon	3x250	750	140.40	Coal
14	NLC St I	3x210	630	243.90	Lignite
15	NLC St II	4x210	840	382.60	Lignite
16	NLC Expn I	2x210	420	209.50	Lignite
17	NLC Expn II	2x250	500	249.50	Lignite
18	NNTPS	2x500	1000	654.90	Lignite
19	NTPL I & II	2x500	1000	417.70	Coal
20	MAPS	2x220	440	331.70	Nuclear
21	KAPS U 1 & 2	2x220	440	122.10	Nuclear
22	KAPS U 3 & 4	2x220	440	108.10	Nuclear
23	KKNPP U1	1x1000	1000	575.50	Nuclear
24	KKNPP U2	1x1000	1000	562.50	Nuclear
	TOTAL			7,170	

Installed capacity as on 01.04.2023 (Contd...)
(PLANT WISE BREAK UP DETAILS)

Power purchases

Independent Power Plants (IPP)			
Sl. No.	Name of Power Station	Type of Fuel	Share in MW
1	Pillaiperumalnallur GTPP (1x 330.50 MW)	Natural gas/Naphtha	330.50
2	TAQA Neyveli Power Company (1x250 MW)	Lignite	250.00
3	M/s. SEPC Power Private Limited (1x525 MW)	Coal	525.00
Total (IPP)			1105.50

Long Term Open Access (LTOA)			
Sl. No.	Traders / Generators	Type of Fuel	Contracted Quantum in MW
1	Jindal Power Ltd, Chattisgarh- 3400 MW (4x250 MW+4X600 MW)	Coal	400
2	D.B.Power Ltd, Chattisgarh-1200 MW (2x600 MW)	Coal	208
3	Bharat Aluminium Company Ltd, Chattisgarh (I) (Ph I-800 MW, Ph II – 1200 MW)	Coal	100
4	Bharat Aluminium Company Ltd, Chattisgarh (II)	Coal	100
5	Dhariwal Infrastructure Ltd, Maharashtra (Ph 1 -1x300 MW,PhII -1x300 MW Total 600 MW)	Coal	100
6	PTC India Ltd, Jharkhand 540 MW(2x270 MW)	Coal	100
7	KSK Mahanadi Power Company Ltd, Chattisgarh 3600 MW (6x600 MW)	Coal	500
8	GMR Energy Trading Ltd, Maharashtra (2x300 MW)	Coal	150
9	Coastal Energen Pvt. Ltd, Tuticorin(2x600 MW)	Coal	558
10	IL&FS Tamil Nadu Power Company Ltd, Cuddalore (2x600 MW)	Coal	540
11	OPG Power Generation Pvt. Ltd, Gummidipoondi (1x81MW,1x81MW,1x80 MW,1x180 MW)	Coal	74
TOTAL (LTOA)			2830

Medium Term Open Access (MTOA)			
Sl. No.	Traders/Generators	Type of Fuel	Quantum in MW
	Pilot-2 (PTC)		
1	DB Power Ltd, Chattisgarh 1200 MW (2x600 MW)	Coal	100
2	Jai Prakash Power Ventures, Madhya Pradesh 1320 MW (2x660 MW)	Coal	50
3	GMR Kamalanga, Odisha 1050 MW (3x350 MW)	Coal	102
	Total (MTOA)		252
	Total Power Purchases (IPP+LTOA+MTOA)		4187.50 MW

Fossil fuel based private generators under open access as on 01.04.2023					
Captive Category					
Sl. No.	GENERATOR NAME	Capacity	Type of Fuel	Connecting voltage	OA quantum
					MW
1	Kamachi Industries Limited	70.00	Coal	230	9.481
2	Suryadev Alloys & Power Pvt Ltd	162.00	Coal	230	38.691
3	Tulsyan NEC Ltd	70.00	Coal	230	23.197
4	Arkay Energy (Rameswaram) Pvt Ltd	149.18	Gas	110	90.386
5	Coromondel Electric Company Ltd.	26.19	Gas	110	13.900
6	India Cements Ltd.	48.00	Coal	110	24.673
7	OPG Energy Pvt Ltd	17.50	Gas	110	1.516
8	OPG Renewable Energy Pvt Ltd	10.00	Coal	33	2.972
9	Southern Energy Development Corporation Ltd (SEDCO)	7.98	Gas	33	6.000
10	MMS Steel & Power Pvt Ltd	21.70	Gas	110	9.464
11	Noble Tech	8.00	Coal	33	1.500
12	Chemplast Sanmar Ltd	48.50	Coal	110	1.300
13	Sri Andal Paper Mills Pvt Ltd	14.75	Coal	110	0.715
	Total				223.800

Total Conventional Energy Sources: 16,417.38 MW

Installed capacity as on 01.04.2023 (Contd...)
(PLANT WISE BREAK UP DETAILS)

B. Renewable Energy Sources

HYDRO

Sl.No.	Name of Power Station	Capacity in MW
	Hydro – Non Irrigation	
1	Kundah PH I (3x20 MW)	60
2	Kundah PH II (5x35 MW)	175
3	Kundah PH III (3x60 MW)	180
4	Kundah PH IV (2x50 MW)	100
5	Kundah PH V (2x20 MW)	40
6	Kundah PH VI (1x30 MW)	30
7	Pykara PH (3x7) +(1x11) + (2x13.6 MW)	59.2
8	Moyar PH (3x12 MW)	36
9	Aliyar PH (1x60 MW)	60
10	Suruliyar PH (1x35 MW)	35
11	Poonachi Mini PH (2x1 MW)	2
12	Maravakandy Mini Micro PH (1x0.75 MW)	0.75
13	Mukurthy Mini PH (2x0.35 MW)	0.70
14	Pykara Micro PH (1x2 MW)	2.0
15	PUSHEP (3x50 MW)	150
16	Kodayar PH I (1x60 MW)	60
17	Kodayar PH II (1x40 MW)	40
	Sub-Total	1030.65
	Pumped Storage	
18	Kadamparai PH (4x100 MW)	400
	Total Hydro – Non Irrigation	1430.65
	Hydro – Irrigation	
1	Sarkarpathy PH (1x30 MW)	30
2	Sholayar PH-I (2x42 MW)	84
3	Sholayar PH-II (1x25 MW)	25
4	Mettur Dam PH (4x12.5 MW)	50
5	Mettur Tunnel PH (4x50 MW)	200
6	Bhavani Kattalai Barrage PH –I (2x15 MW)	30
7	Bhavani Kattalai Barrage PH- II (2x15 MW)	30
8	Bhavani Kattalai Barrage PH- III (2x15 MW)	30
9	Lower Mettur Barrage PH-I (2x15 MW)	30

Sl.No.	Name of Power Station	Capacity in MW
10	Lower Mettur Barrage PH-II (2x15 MW)	30
11	Lower Mettur Barrage PH-III (2x15 MW)	30
12	Lower Mettur Barrage PH-IV (2x15 MW)	30
13	Lower Bhavani Micro Hydel PH (4x2 MW)	8
14	Lower Bhavani RBC (2x4 MW)	8
15	Sathanur Dam PH (1x7.5 MW)	7.5
16	Periyar PH (4x42)	168
17	Papanasam PH (4x8 MW)	32
18	Servalar PH (1x20 MW)	20
19	Vaigai Small PH (2x3 MW)	6
20	Thirumurthy Mini PH (3x0.65 MW)	1.95
21	Aliyar Mini PH (2x1.25 MW)	2.5
22	Amaravathi (2x2 MW)	4
23	Perunchani (2x0.65 MW)	1.3
24	Periyar Vaigai Mini PH-I (2x2 MW)	4
25	Periyar Vaigai Mini PH-II (2x1.25 MW)	2.5
26	Periyar Vaigai Mini PH-III (2x2 MW)	4
27	Periyar Vaigai Mini PH – IV (2x1.25 MW)	2.5
28	Bhavani Barrage 1 PH (2x5 MW)	10
29	Bhavani Barrage 2 PH (2x5 MW)	10
	Total Hydro – Irrigation	891.25
	Total Hydro	2321.90

Sl.No.	Description	Capacity in MW
1	Hydro	2321.90
2	Wind*	8739.01
3	Solar** (STU connected – 6135.61MW, Roof Top-403.62 MW)	6539.23
	LTOA (through PSA with SECI)	330.00
4	Biomass [#]	164.84
5	Co-generation (Bagasse) ^{##}	523.80
	Total Renewable (including Hydro)	18,618.78

* Wind - Excluding 1328.19 MW connected to CTU

** Solar - Excluding 150 MW connected to CTU

Biomass- Excluding 97.75 MW permanently dismantled

Co-Gen- Excluding 198.1 MW permanently dismantled

Installed capacity as on 01.04.2023 - ABSTRACT

Sl.no.	Description	Capacity in MW
1	Total Conventional Energy Sources	16,417.38
2	Total Renewable Energy Sources including Hydro *	18,618.78
	Grand Total – Installed capacity in MW as on 01.04.2023	35,036.16

* : As per the CEA memorandum dated 08.03.2019, hydro generation has been considered as renewable energy resource and has been deleted from conventional sources.

Ongoing and New Projects

Sl. No.	Project	Capacity (MW)	Cost (Rs in crore)
Ongoing projects			
1.	ETPS Expansion Thermal Power Project (1 x 660MW)	660	6,380.81
2.	Ennore SEZ Thermal Power Project (2 x 660MW)	1,320	9,800.00
3.	North Chennai Thermal Power Station Stage-III (1 x 800 MW)	800	8,723.00
4.	Uppur Thermal Power Project (2x800MW)	1,600	12,778.00
5.	Udangudi Thermal Power project Stage – I (2 x 660MW)	1,320	13,076.70
6.	Kundha Pumped storage Hydro Electric Project (4 x 125 MW)	500	2,863.73
7.	Kollimalai Hydro Electric Project (1X20MW)	20	339.00
	Sub Total - Ongoing projects	6,220	53,961.24

Sl. No.	Project	Capacity (MW)	Cost (Rs in crore)
New Projects			
8.	Udangudi Expansion Project Stage-II (2x660MW)	1,320	GoTN has accorded administrative sanction for acquisition of 1500 acres of land. The preliminary activities are under process to get Terms of reference from Ministry of Environment, Forest and Climate Change (MoEF&CC).
9.	Udangudi Expansion Project Stage-III (2x660MW)	1,320	
10.	Sillahalla Pumped Storage HEP Stage-I (1000 MW)	1,000	Preparation of DPR works 80% completed.
11.	Kodayar Pumped storage HEP	1,500	Consultancy / Transaction advisory services under PPP mode for Pumped storage projects has been awarded to M/s.Ernst & Young
12.	Manalar Pumped storage HEP	1,200	
13.	Aliyar Pumped Storage Hydro Electric Project	700	
	Sub Total - New Projects	7,040	
14.	11 Nos. Pumped Storage Hydro Electric Projects	As per PFR	
i)	Upper Bhavani PSHEP (1,000 MW)/Nilgiris District.	1,000	Pre-Feasibility Report completed. Action to be taken for Engaging Transaction Advisor for preparation of Bid documents for development activities under Public Private Partnership (PPP). Timeline will be finalized on award of work under PPP mode.
ii)	Vellimalai PSHEP (500 MW) in Kanyakumari District	1,100	
iii)	Sillahalla PSHEP (1,000 MW) in Nilgiris District	1,000	
iv)	Sandy Nalla PSHEP (1,000 MW) in Nilgiris District.	1,200	
v)	Mettur PSHEP (500 MW) in Salem District.	1,000	
vi)	Palar–Poranthalar PSHEP (1,000 MW) in Dindigul District.	1,100	
vii)	Karaiyar PSHEP (500 MW) in Tirunelveli District	1,000	
viii)	Manjalar PSHEP (500 MW) in Theni District	500	
ix)	Chattar PSHEP (500 MW) in Kanyakumari District	1,100	
x)	Sigur PSHEP (500 MW) in Nilgiris District	800	
xi)	Athur PSHEP (500 MW) in Dindigul District	300	
	Sub Total - PSHEP	10,100	
	Grand total	23,360	

CONSUMERS, CONNECTED LOAD AND CONSUMPTION
as on 31.3.2023

1. LT Categories - Consumers, Connected load and Consumption

Sl. No.	LT Categories	Tariff	Consumers in numbers as on 31.03.2023	Connected load (MW) as on 31.03.2023	Consumption in M.U. (2022-23)
1	Domestic/Handloom Domestic/ Public Libraries (Free) And Area Within 200 Sqft.& etc	IA	2,35,54,826	47,003.36	30602.014
2	Huts	IB	9,44,939	122.22	449.880
3	LT Bulk supply for railway, defence colonies etc.	IC	1,644	10.79	8.973
4	Domestic Common Supply	ID	3,05,116	845.82	277.583
5	Public Lighting and Public Water Supply & Sewerage (IIA)	IIA	8,09,388	3,020.92	2506.762
6	Government and aided Educational Instn., Government Hospitals etc.	IIB(1)	79,697	322.76	202.110
7	Private Educational Instn.,	IIB(2)	16,650	295.17	263.541
8	Actual place of public worship, Mutts and Religious Institutions	IIC	1,54,569	380.5	145.821
9	Cottage and Tiny Industries	IIIA(1)	2,68,436	1,277.61	313.858
10	Power Looms	IIIA(2)	1,65,093	774.29	974.865
11	Industries not covered under L.T.Tariff IIIA(1), IIIA(2) incl. IT	IIIB	3,36,303	8,954.58	8124.273
12	Agriculture and Govt. seed farm etc.	IV	23,35,558	13,208.77	14173.82
13	Commercial and all categories not covered in other LT categories	V	37,04,336	13,118.15	8323.127
14	Temp. supply other than Domestic and Lavish illuminations	VI	4,28,417	1,075.99	315.763
15	Public EV Charging Stations	VII	3	0.17	0
Total (LT Consumers & connected load (MW)			331,04,975	90,411.10	66,682.390

2. HT Categories - Consumers, Connected load and Consumption

Sl.No	HT Categories	Tariff	Consumers in numbers as on 31.03.2023	Connected load (MW) as on 31.03.2023	Consumption in M.U. (2022-23)
1	Industries, Factories, Information Technology Services	I	7,395	7671.84	30122.56
2	Government Educational Institutions/Hospitals, CMRL, etc.,	IIA1	986	500.82	1748.73
3	Railway Traction	IIA2	46	485.01	1346.24
4	Lift Irrigation and Co-operatives	IIA3	56	31.00	45.96
5	Private Educational Institutions & its hostels, segregated Medical colleges	IIB	306	143.73	385.01
6	Miscellaneous categories	III	2,123	1351.54	3155.97
7	Construction activities and other temporary purposes	IV	70	37.64	60.42
8	Public EV Charging Stations	V	1	0.45	0.00
	Total (HT Tariff wise number of consumers & Load)		10983	10222.02	36864.89

ABSTRACT (Consumers, Connected load and Consumption)

Sl.No	Categories	Consumers in numbers as on 31.03.2023	Connected load (MW) as on 31.03.2023	Consumption in M.U. (2022-23)
1	HT Categories	10,983	10222.02	36864.890
2	LT Categories	331,04,975	90411.10	66682.390
3	Total	331,15,958	100633.12	103547.280

OLD Tariff rates ordered in TNERC -subsidized rate (Payable by the consumer) with effect from 11.8.2017			
I- HIGH TENSION SUPPLY			
Tariff	Category of Consumers	Demand Charges Rs. Per kVA p.m.	Energy Charges Ps./Unit
I-A	Industries, Registered factories, Textiles, Tea estates, etc.,	350	635
I-B	Railway Traction	300	635
II-A	Govt. and Govt. aided Educational Institutions, Govt. Hospitals, Public Lighting & Water supply, Places of Worship etc.,	350	635
II - B	Private Educational Institutions & hostels	350	635
III	All other categories of consumers not covered under HT –I-A, I-B, II-A, II-B, IV and V.	350	800
IV	Lift Irrigation for Agriculture under Co-op Societies	Nil	0
V	HT Temporary Supply for construction and other temporary purposes	350	1100
Tariff	(Unit slabs bi-monthly)	Energy Charges Ps/Unit	Fixed Charges for 2 months Rs.
II- LOW TENSION SUPPLY			
I-A	Domestic, Handloom, Nutrition Centres etc. Consumption upto 100 units bi-monthly		
	0-100 units	0	0
	Consumption from 101 units to 200 units bi-monthly		
	0-100 units	0	20/service
	101-200 units	150	
	Consumption from 201 units to 500 units bi-monthly		
	0-100 units	0	30/service
	101-200 units	200	
	201 to 500 Units	300	
	Consumption from 501 units and above bi-monthly		
	0-100 units	0	50/service
	101-200 units	350	
	201 to 500 Units	460	
	501 units and above	660	
For Hand Loom in residences, 0-200 units bi-monthly is free (Above 200 units bimonthly, the corresponding slab in the domestic tariff is applicable)			

Tariff	Unit slabs bi-monthly	Energy Charges Ps./ Unit	Fixed Charges for 2 months in Rs.
I-B	Huts in village panchayats, TAHDCO: Metered	0	0
	Till meters are fixed:-	0	0
I-C	L.T. Bulk supply, Railway Colonies, Defence colonies etc.	460	120/service
II-A	Public lighting, water supply, sewer Village Panchayats/Town Panchayat Municipality/Corporations.	635	120/kW
II-B(1)	Govt and Aided Educational Institutions, Govt. Hospitals etc.	575	120/kW
II B(2)	Private Educational Institutions & hostels	750	120/kW
II-C	Places of Public worship, Mutts		
	0-120 units	285	120/kW
	Above 120 Units	575	
III-A (1)	Cottage, Tiny Industries, (Upto 10HP)		
	Upto 500 Units	400	40/kW
	Above 500 Units	460	
III-A (2)	Power Looms (contracted load does not exceed 12 KW and upto 10 HP) incl. Winding etc.		
	0-500 units	0	0
	501-750 units	0	0
	751-1000 units	230	70/kW
	1001-1500 units	345	
	Above 1500 Units	460	
III-B	Industries	635	70/kW
IV	Agriculture & Govt. Seed Farms and SFS (Metered)	0	0
	Till meters are fixed:---	0	0

Tariff	Unit slabs bi-monthly	Energy Charges Ps./ Unit	Fixed Charges for 2 months in Rs.
V	Consumers not categorized under LT – IA, IB, IC, IIA, IIB(1), IIB(2), IIC, IIIA(1), IIIA(2), IIIB, IV & VI		
	Consumption upto 100 units bi-monthly		
	0-100 units	500	140/kW
	Consumption above 100 units bi- monthly		
	For all units	805	140/kW
VI	Temporary Supply		
	Temporary activities such as construction of commercial complexes/ residential building/ complexes. Additional construction of beyond 2000 square feet in the premises of an existing consumer.	1200	Rs.690/kW
	Lavish Illuminations		

STAFF STRENGTH AS ON 31.03.2023

Class	Cadre	Sanctioned	Utilised	Vacant
I	Provincial	1380	1251	129
II	Provincial	12782	11114	1668
III	Provincial	29713	17259	12454
IV	Provincial	1379	1091	288
III	RWE	86079	45360	40719
IV	RWE	14586	12699	1887
Total		145919	88774	57145

**NEW TARIFF RATES AS IN THE HON'BLE TNERC ORDER NO : 7 in of 2022 in T.P.No.1
of 2022 DT: 09.09.2022.**

**Revised Tariff rates with effect from 10.09.2022 Approved rate and payable by
the Consumer
(Category of Consumers * Fully / # Partly subsidised by the Government)**

I - High Tension supply

Tariff	Category of Consumers	TARIFF FIXED BY TNERC		TARIFF PAYABLE BY THE CONSUMER	
		Energy Charges (Rs/unit)	Demand Charges (Rs/kVA/month)	Energy Charges after Govt's subsidy (Rs/unit)	Demand Charges after Govt's subsidy (Rs/kVA/month)
I	Industries, Factories, Information Technology services	6.75	550	6.75	550
II A	Govt. Educational Institutions, Govt. Hospitals, Railway Traction, CMRL, Lift Irrigation Societies etc.,)	7.00	550	7.00	550
	Lift Irrigation Co-op Societies	7.00	550	0.00	0
II B	Private Educational Institutions & its hostels, Segregated Medical colleges)	7.50	550	7.50	550
III	Miscellaneous categories	8.50	550	8.50	550
IV	Construction activities and other Temporary purposes	12.00	550	12.00	550
V	Public EV charging Stations		550		550
	05.00 to 10.00 & 14.00 to 18.00 Hours	10.00		10.00	
	10.00 to 14.00 & 23.00 to 05.00 Hours	8.00		8.00	
	18.00 to 23.00 Hours	12.00		12.00	

II - Low Tension Supply					
Tariff	Category of Consumers & slabs	Energy Charges (Rs/unit)	Fixed Charges for two months (Rs)	Energy Charges after Govt's subsidy (Rs/unit)	Fixed Charges for two months after Govt's subsidy (Rs)
#I-A	Domestic , Multitenements, Old age homes,Handlooms				
	Consumption upto 500 units bi-monthly				
	(100 units free scheme) 0-100 units	4.50	0	0	0
	101-200 units	4.50	0	2.25	0
	201-400 units	4.50	0	4.50	0
	401-500 units	6.00	0	6.00	0
	Consumption above 500 units bi-monthly				
	(100 units free scheme) 0-100 units	4.50	0	0	0
	101-400 units	4.50	0	4.50	0
	401-500 units	6.00	0	6.00	0
	501-600 units	8.00	0	8.00	0
	601-800 units	9.00	0	9.00	0
	801-1000 units	10.00	0	10.00	0
	Above 1000 units	11.00	0	11.00	0
For Handlooms in residence, 0 to 300 units bimonthly is free. (Above 300 units bi-monthly, the corresponding slab in the domestic tariff is applicable)					
*I-B	Huts in village panchayats,TAHDCO:- Till installation of meters (Fully subsidised by the Govt.)	0	600/service	0	0
	On installation of meters (Fully subsidised by the Govt.)	9.13	0	0	0
I-C	L.T. Bulk supply with single point metering	8.00	200/service	8.00	200/service
I-D	Common facilities in Multitenements	8.00	200/kW	8.00	200/kW

Tariff	Category of Consumers & slabs	Energy Charges (Rs/unit)	Fixed Charges for two months (Rs)	Energy Charges after Govt's subsidy (Rs/unit)	Fixed Charges for two months after Govt's subsidy (Rs)
II-A	Public lighting, water supply provided by Govt./Local bodies	8.00	200/kW	8.00	200/kW
II-B(1)	Govt Educational Institutions, its hostels, Govt. Hospitals, other hospitals rendering totally free services				
	0-50 KW	8.00	200/KW	8.00	200/KW
	Above 50 KW- 112KW	8.00	650/KW	8.00	650/KW
	Above 112 KW (CT Service)	8.00	550/KW/month	8.00	550/KW/month
II-B(2)	Private Educational Institutions & its hostels, Segregated Medical colleges)				
	0-50 KW	8.50	200/KW	8.50	200/KW
	Above 50 KW- 112KW	8.50	650/KW	8.50	650/KW
	Above 112 KW (CT Service)	8.50	550/KW/month	8.50	550/KW/month
#II-C	Actual Places of Public worship(Bi-monthly)				
	0-120 units	5.75	200/Kw	2.85	200/Kw
	Above 120 units	7.00	200/Kw	7.00	200/Kw
III-A(1)	Cottage and Micro Industries				
	upto 500 units	4.50	140/kW	4.50	140/kW
	above 500 units	6.50		6.50	
#III-A(2)	Power Looms				
	(1000 units bimonthly is free) upto 500 units	6.50	200/kW	0	0
	501-750 units	7.50		0	0
	751-1000 units	7.50		0	0
	1001-1500 units	7.50		4.15	100/kW
	above 1500 units	7.50		5.30	

Tariff	Category of Consumers & slabs	Energy Charges (Rs/unit)	Fixed Charges for two months (Rs)	Energy Charges after Govt's subsidy (Rs/unit)	Fixed Charges for two months after Govt's subsidy (Rs)
III-B	Industries , Information technology services				
	0-50 KW	7.50	150/KW	7.50	150/KW
	Above 50 KW- 112KW	7.50	300/KW	7.50	300/KW
	Above 112 KW (CT Service)	7.50	550/KW/month	7.50	550/KW/month
*IV	Agriculture and Allied activities - Till installation of meters (Fully subsidised by the Govt.)	0	Rs.3550/HP/Annum	0	0
	On installation of meters (Fully subsidised by the Govt.)	4.46	0	0	0
V	Miscellaneous /General purpose (Not covered under LT-I-A, I-B, I-C,I-D, II-A,II-B(1), II-B(2), II-C, III-A(1), III-A(2), III-B, IV,VI and VII)				
	consumption upto 100 units bi-monthly 0-100 units	6.00	200/kW	6.00	200/kW
	consumption above 100 units bi monthly (for all units)				
	0-50 KW	9.50	200/kW	9.50	200/kW
	Above 50 KW- 112KW	9.50	600/kW	9.50	600/kW
	Above 112 KW (CT Service)	9.50	550/KW/month	9.50	550/KW/month
VI	Construction activities and other Temporary purposes	12.00	550/KW/month	12.00	550/KW/month
VII	Public EV charging Stations				
	05.00 to 10.00 & 14.00 to 18.00 Hours	10.00		10.00	
	10.00 to 14.00 & 23.00 to 05.00 Hours	8.00		8.00	
	18.00 to 23.00 Hours	12.00		12.00	
	0-50 KW		200/kW		200/kW
	Above 50 KW- 112KW		600/kW		600/kW
	Above 112 KW (CT Service)		550/KW/month		550/KW/month

SALIENT FEATURES AT A GLANCE

Details	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Installed capacity (MW) (Conventional Energy)	11,884.44	13,231.44	17,976.48	18,732.78	18,747.28	18,299.66	16,034.58	16,219.47	16,652.20	16,417.38
Installed capacity (MW) # (Renewable Energy)	8,219.67	8,470.16	9,629.52	10,465.14	11,112.71	12,179.65	15,871.29	16,375.59	17,225.11	18,288.78
Total Installed capacity (MW)	20,104.11	21,701.60	27,606.00	29,212.39	29,859.99	30,479.31	31,905.87	32,595.06	33,877.31	34,706.16
Generation & Purchase(MU)	89,793	94,128	99,691	1,05,728	1,06,827	1,13,790	1,14,229	1,07,064	1,17,561	1,22,335
Energy Sales (MU)	70,976	76,828	79,464	83,020	85,890	91,918	94,944	93,344	97,465	1,18,778
Substations (Nos.)	1,392	1442	1,499	1,547	1,592	1,682	1,784	1828	\$ 1836	\$ 1855
EHT Lines (Lakh Ckt.Kms.)	1.89	1.95	2.00	2.04	2.09	0.34	0.35	0.36	0.36	0.37
HT lines (Lakh.Kms.)						1.77	1.81	1.86	1.88	1.97
LT lines (Lakh.Kms.)	5.88	5.98	6.10	6.19	6.28	6.28	6.35	6.43	6.17	6.31
Distn.Transformers (Nos.)	2,31,224	2,46,748	2,64,029	2,82,028	2,93,301	3,09,468	3,27,163	3,48,030	3,73,162	3,88,982
Per capita consumption (Units)	1196	1228	1,280	1,340	1,389	1,467	1515	1464	1593	1640
ELECTRIFICATION										
Habitations electrified	79,248	79,245	79,245	79,279	79,283	79,317	79,360	79,393	79,393	79,393
Pumpsets (Lakhs)	20.47	20.46	20.60	20.73	21.03	21.17	21.22	21.81	22.87	23.36
Consumers (Lakhs)	252.32	264.67	270.26	279.27	288.09	295.98	307.54	316.38	324.54	331.16

\$ Excluding PGCIL sub stations

As per the CEA memorandum dated 08.03.2019, hydro generation has been considered as renewable energy resource and has been deleted from conventional sources.

ACHIEVEMENTS (2022-23)

Maximum peak demand reached is **18,053** MW on 16.03.2023 and the maximum energy consumption is **388.08** MU on 29.04.2022.
