

FPPPA Computation for 4th Qtr. 2022-23			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/kWh	6.04
2	PPCB - Approved Average Base Power Purchase Cost per Unit	Rs/kWh	4.57
3	Approved T&D Losses	2020-21	14.88%
4	FPPPA for the quarter (PPCA - PPCB)/(100-Loss)	Rs/kWh	1.72
5	** Add: Rs 1.90 as base FPPPA	Rs/kWh	1.90
6	Total FPPPA for the quarter	Rs/kWh	3.62
7	Total recoverable FPPPA for the Quarter	Rs/kWh	3.62

** GERC, vide Tariff Order dated 31.3.2022, has shifted the base year of power purchase cost from FY 2019-20 to FY 2020-21 for FPPPA calculation. While shifting the base, GERC has considered base FPPPA of Rs. 1.90 per unit, leviable over and above the FPPPA of the Quarter.

Sr No	Stations	Power Purchase during 4rd Quarter of 2022-23			
		Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	-3	0	0.00	0
2	NPC - Tarapur- 3&4	498	0	3.39	169
3	NPC - Kakrapar	250	0	2.27	57
4	NTPC - VINDHYACHAL - I	421	42	1.84	77
5	NTPC - VINDHYACHAL - II	504	42	1.84	93
6	NTPC - VINDHYACHAL - III	462	-47	1.82	84
7	NTPC - KORBA	731	56	1.69	124
8	NTPC - KORBA II	260	36	1.65	43
9	NTPC - KAWAS	0	29	49.62	0
10	NTPC - JHANOR	0	46	61.64	0
11	NTPC - Sipat Stage - I	1144	160	1.46	167
12	NTPC - Sipat Stage-II	431	52	1.50	65
13	NTPC - Kahalgaon	254	5	3.36	85
14	NTPC - Vindhyachal -IV	505	79	1.71	86
15	NTPC - Mauda STPS-I	849	144	3.87	328
16	NTPC - Vindhyachal -V	210	34	1.76	37
17	NTPC - Mauda STPS-II	959	273	3.89	373
18	NTPC - Solapur	48	10	4.90	23
19	NTPC Gadawara	482	138	4.85	234
20	NTPC LARA	352	62	1.79	63
21	NTPC Khargaon	357	87	5.11	182
22	NTPC-Farakka - 3	105	19	3.27	34
23	NTPC-Kahalgaon 1	195	27	3.56	69
24	NTPC-Farakka - 1	391	36	3.26	128
25	NTPC-Talcher	45	4	1.94	9
26	NTPC-Darlipalli	26	5	1.16	3
27	NTPC-Unchahar - 1	85	11	4.48	38
28	NTPC-Tanda - 2	90	12	3.78	34
29	NTPC-Barah	242	69	3.12	76
30	NTPC-Dadri	775	96	4.94	383
31	NTPC-NSTPS	90	20	2.61	23
32	SSNNL	119	0	2.05	24
33	Gandhinagar V	262	23	4.12	108
34	Wanakbori VII	345	13	4.51	156
35	Utran Extension	5	54	10.37	5
36	Dhuvaran Gas Based - Stage-I	0	19	0.00	0
37	Dhuvaran Gas Based - Stage-II	0	18	0.00	0
38	Ukai TPS	550	31	4.16	229
39	Ukai Expansion 6	645	80	3.65	236
40	Gandhinagar III to IV	522	61	4.25	222
41	Wanakbori I to VI	1218	90	4.63	563
42	Sikka 3 & 4	330	132	8.42	278
43	Kutch Lignite I to III	94	46	4.24	40
44	Kutch Lignite IV	60	14	4.06	24
45	Ukai Hydro	137	9	0.00	0
46	Kadana Hydro	72	16	0.00	0
47	GSECL Dhuvaran CCPP III	2	31	11.18	2
48	GSECL- BLTPS	384	84	3.81	146
49	Wanakbori VIII	1153	195	4.15	479
50	GSEG	0	0	0.00	0
51	GSEG Expansion	0	28	16.64	0
52	GSPC-Pipavav	0	65	0.00	0
53	GIPCL - I (145)	0	0	0.00	0
54	GIPCL II (160)	0	0	0.00	0
55	GIPCL-SLPP	343	42	3.28	113
56	GIPCL- SLPP Expansion	381	57	3.41	130
57	GMDC - Akrimota	164	12	2.13	35
58	Wind Farms	1636	0	3.51	574
59	Solar Photovoltaic	2221	0	4.24	942
60	Hydel	25	0	4.02	10
61	Biomass	0	0	0.00	0
62	Waste To Energy	8	0	3.61	3
63	APPL 1	374	153	8.56	321
64	APPL 2	717	179	8.95	642
65	ACB India Ltd	365	53	0.66	24
66	Mundra UMPP CGPL	487	65	3.66	178
67	EPGL	760	78	5.87	446
68	Captive Power	0	0	0.00	0
69	Power Exchange	3766	0	6.75	2542
70	Short Term Power Purchase	181	0	7.90	143
71	Medium Term Power Purchase	1917	300	1.75	336
	Sub-total	30001	3490	4.01	12037
72	TR.CHGS.-PGCIL	0	1058	0.00	0
73	GETCO Wheeling	0	1056	0.00	0
74	GUVNL Charges	0	120	0.00	0
75	SLDC Charges	0	6.3	0.00	0
	Grand Total	30001	5730	4.01	12037
	Total Power Purchase Cost (Rs. Cr)				17766
	Add: Payment to CGPL towards past period pursuant to APTEL Judgment				349
	Net Power Purchase Cost (Rs. Cr)				18115
	Average power Purchase cost (Rs./Unit)		Net PPCA		6.04

LOSS COMPUTATION FOR FPPPA

Sr No	Particulars	FY 2022-23
1	Energy Purchase	1,07,834
2	Sales of Discoms (MU)	91,792
3	Loss in the system (MU)	16,042
4	T & D Loss	14.88%