

FPPPA Computation for 2nd Qtr. 2022-23			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	6.06
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	1.75
5	** Add: Rs 1.90 as base FPPPA	Rs/KWh	1.90
6	Total FPPPA for the quarter	Rs/KWh	3.65
7	Total recoverable FPPPA for the Quarter	Rs/KWh	3.65

** 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 2nd Quarter of 2022-23			
		Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	-2	0	0.00	0.19
2	NPC - Tarapur- 3&4	527	0	3.42	180
3	NPC - Kakrapar	252	0	2.28	57
4	NTPC - VINDHYACHAL - I	406	36	1.89	77
5	NTPC - VINDHYACHAL - II	386	31	1.75	67
6	NTPC - VINDHYACHAL - III	509	53	1.58	80
7	NTPC - KORBA	667	49	1.74	116
8	NTPC - KORBA II	232	35	1.59	37
9	NTPC - KAWAS	1	34	13.95	1
10	NTPC - JHANOR	2	52	11.79	2
11	NTPC - Sipat Stage - I	1052	149	2.95	310
12	NTPC - Sipat Stage-II	527	51	3.28	173
13	NTPC - Kahalgaon (New)	268	30	3.88	104
14	NTPC - Vindhychal STPS-IV	518	74	1.56	81
15	NTPC - Mauda STPS-I	842	83	4.61	388
16	NTPC - Vindhychal STPS-V	198	32	1.62	32
17	NTPC - Mauda STPS-II	887	134	4.81	427
18	NTPC - Others	80	20	3.74	30
19	NTPC Gadarwara	535	122	4.73	253
20	NTPC LARA	320	54	3.51	113
21	NTPC Khargaon	291	93	6.07	177
22	NTPC-Farakka - 3	29	5	4.37	13
23	NTPC-Kahalgaon 1	196	26	4.11	81
24	NTPC-Farakka - 1	426	37	4.33	184
25	NTPC-Talcher	31	3	2.39	8
26	NTPC-Darlipalli	23	4	1.15	3
27	NTPC-Unchahar - 1	94	15	4.83	45
28	NTPC-Tanda - 2	81	14	4.34	35
29	NTPC-Barah	182	51	3.42	62
30	NTPC-Dadri	849	95	5.33	452
31	SSNNL - Hydro	383	0	2.05	78
32	Nabinagar Power Generating Co Ltd	25	6	3.23	8
33	Gandhinagar V	203	18	4.77	97
34	Wanakbori VII	308	12	4.64	143
35	Utran Extension	0	55	0.00	0
36	Dhuvaran Gas Based - Stage-I	0	20	0.00	0
37	Dhuvaran Gas Based - Stage-II	0	19	0.00	0
38	Ukai TPS	502	27	4.62	232
39	Ukai Expansion 6	453	55	4.48	203
40	Gandhinagar I to IV	394	58	4.64	183
41	Wanakbori I to VI	1028	84	4.32	444
42	Sikka 3 & 4	391	163	9.14	358
43	Kutch Lignite I to III	71	38	3.66	26
44	Kutch Lignite IV	42	10	3.43	14
45	Ukai Hydro	446	9	0.00	0
46	Kadana Hydro	183	11	0.00	0
47	GSECL Dhuvaran CCPP III	0	32	0.00	0
48	GSECL -BECL (BLTPS)	149	33	3.32	49
49	Wanakbori VIII	435	70	3.91	170
50	GSEG	0	0	0.00	0
51	GSEG Expansion	0	53	0.00	0
52	GSPC-Pipavav	0	59	0.00	0
53	GIPCL - I (145)	0	0	0.00	0
54	GIPCL II (160)	0	0	0.00	0
55	GIPCL-SLPP	179	19	2.55	46
56	GIPCL, SLPP Expansion	251	39	2.20	55
57	GMDC - Akrimota	111	8	1.68	19
58	Wind Farms	2235	0	3.53	788
59	Solar Photovoltaic	1568	0	4.33	680
60	Hydel	32	0	4.08	13
61	Biomass	0	0	0.00	0
62	Waste To Energy	3	0	3.61	1
63	APPL 1	236	157	9.29	219
64	APPL 2	629	183	8.35	525
65	ACB India Ltd	31	-1	0.68	2
66	Mundra UMPP	2849	288	6.10	1740
67	Essar - 1000 MW	107	8	5.61	60
68	Captive Power Plant	0	0	0.00	0
69	Power Exchange	1188	0	6.19	735
70	Short Term Power Purchase	200	0	7.50	150
71	Medium Term Power Purchase	1550	250	1.63	253
	Sub-total	26592	3163	4.09	10881
72	TR.CHGS.-PGCIL	0	910	0.00	0
73	GETCO Wheeling	0	1059	0.00	0
74	GUVNL Charges	0	106	0.00	0
75	SLDC Charges	0	6.3	0.00	0
	Grand Total	26592	5244	4.09	10881
	Total Power Purchase Cost (Rs. Cr)				16125
	Average power Purchase cost (Rs./Unit)		Net PPCA		6.06

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%