

FPPPA Computation for 3rd Qtr. 2022-23			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	5.92
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	1.59
5	** Add: Rs 1.90 as base FPPPA	Rs/KWh	1.90
6	Total FPPPA for the quarter	Rs/KWh	3.49
7	Total recoverable FPPPA for the Quarter	Rs/KWh	3.49

** 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 3rd 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	507	0	3.41	173
3	NPC - Kakrapar	191	0	2.28	44
4	NTPC - VINDHYACHAL - I	441	45	1.82	80
5	NTPC - VINDHYACHAL - II	497	43	1.65	82
6	NTPC - VINDHYACHAL - III	566	62	1.54	87
7	NTPC - KORBA	766	61	1.61	124
8	NTPC - KORBA II	270	40	1.57	42
9	NTPC - KAWAS	0	29	0.00	0
10	NTPC - JHANOR	0	45	10.48	0
11	NTPC - Sipat Stage - I	1091	169	2.11	230
12	NTPC - Sipat Stage-II	563	64	2.60	146
13	NTPC - Kahalgaon (New)	230	64	3.38	78
14	NTPC - Vindhyachal STPS-IV	534	82	1.52	81
15	NTPC - Mauda STPS-I	649	98	4.10	266
16	NTPC - Vindhyachal STPS-V	209	34	1.57	33
17	NTPC - Mauda STPS-II	804	188	4.13	332
18	NTPC - Others	18	7	4.62	8
19	NTPC Gadawara	448	136	3.86	173
20	NTPC LARA	338	79	3.04	103
21	NTPC Khargaon	290	84	5.32	154
22	NTPC-Farakka - 3	88	31	3.95	35
23	NTPC-Kahalgaon 1	240	44	3.56	86
24	NTPC-Farakka - 1	351	102	4.08	143
25	NTPC-Talcher	47	7	1.78	8
26	NTPC-Darlipalli	24	5	1.22	3
27	NTPC-Unchahar - 1	24	13	4.81	11
28	NTPC-Tanda - 2	67	18	3.57	24
29	NTPC-Barah	281	76	3.28	92
30	NTPC-Dadri	855	95	4.49	384
31	NTPC-NSTPS	78	19	2.76	22
32	SSNNL	195	0	2.05	40
33	Gandhinagar V	294	26	4.16	122
34	Wanakbori VII	191	7	4.35	83
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	610	35	4.44	271
39	Ukai Expansion 6	561	68	3.78	212
40	Gandhinagar I to IV	606	78	4.29	260
41	Wanakbori I to VI	940	72	4.52	425
42	Sikka 3 & 4	404	149	8.78	355
43	Kutch Lignite I to III	90	45	5.80	52
44	Kutch Lignite IV	53	13	3.97	21
45	Ukai Hydro	250	9	0.00	0
46	Kadana Hydro	68	17	0.00	0
47	GSECL Dhuvaran CAPP III	0	32	0.00	0
48	GSECL -BECL (BLTPS)	234	51	2.76	64
49	Wanakbori VIII	1145	188	3.78	433
50	GSEG	0	0	0.00	0
51	GSEG Expansion	1	28	11.91	1
52	GSPC-Pipavav	1	59	11.87	2
53	GIPCL - I (145)	0	0	0.00	0
54	GIPCL II (160)	0	0	0.00	0
55	GIPCL-SLPP	355	42	3.28	117
56	GIPCL, SLPP Expansion	354	63	3.28	116
57	GMDC - Akrimota	191	15	3.83	73
58	Wind Farms	1221	0	3.49	426
59	Solar Photovoltaic	2001	0	4.34	869
60	Hydel	26	0	3.94	10
61	Biomass	0	0	0.00	0
62	Waste To Energy	8	0	3.61	3
63	APPL 1	73	178	6.85	50
64	APPL 2	425	183	8.65	368
65	ACB India Ltd	227	12	2.00	45
66	Mundra UMPP	2520	289	5.64	1422
67	Essar - 1000 MW	1061	144	6.39	678
68	Captive Power Plant	0	0	0.00	0
69	Power Exchange	3669	0	5.08	1865
70	Short Term Power Purchase	943	0	7.01	662
71	Medium Term Power Purchase	2053	325	1.77	364
	Sub-toal	31233	3961	3.99	12454
72	TR.CHGS.-PGCIL	0	911	0.00	0
73	GETCO Wheeling	0	1041	0.00	0
74	GUVNL Charges	0	125	0.00	0
75	SLDC Charges	0	6.3	0.00	0
	Grand Total	31233	6044	3.99	12454
	Total Power Purchase Cost (Rs. Cr)				18498
	Average power Purchase cost (Rs./Unit)		Net PPCA		5.92

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%