

<b>FPPPA Computation for 1st Qtr. 2022-23</b>			
<b>I</b>	<b>Fuel Surcharge</b>	<b>Unit</b>	<b>Value</b>
1	<b>PPCA</b> - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	5.75
2	<b>PPCB</b> - Approved Average Base Power Purchase Cost per Unit	Rs/KWh	4.57
3	Approved T&D Losses	2020-21	14.88%
4	<b>FPPPA for the quarter (PPCA - PPCB)/(100-Loss)</b>	Rs/KWh	<b>1.39</b>
5	** Add: Rs 1.90 as base FPPPA	Rs/KWh	1.90
6	<b>Total FPPPA for the quarter</b>	Rs/KWh	<b>3.29</b>
7	<b>Total recoverable FPPPA for the Quarter</b>	Rs/KWh	<b>3.29</b>

\*\* 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 1st 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
2	NPC - Tarapur - 3&4	547	0	3.39	185
3	NPC - Kakrapar	238	0	2.25	54
4	NTPC - VINDHYACHAL - I	438	41	1.85	81
5	NTPC - VINDHYACHAL - II	500	71	1.54	77
6	NTPC - VINDHYACHAL - III	480	49	1.60	77
7	NTPC - KORBA	744	105	1.56	116
8	NTPC - KORBA II	147	20	1.48	22
9	NTPC - KAWAS	1	75	12.21	1
10	NTPC - JHANOR	0	43	10.98	1
11	NTPC - Sipat Stage - I	582	198	1.83	107
12	NTPC - Sipat Stage-II	575	-22	1.97	113
13	NTPC - Kahalgaon (New)	279	43	3.85	107
14	NTPC - Vindhyachal STPS-IV	527	108	1.60	85
15	NTPC - Mauda STPS-I	807	218	4.44	358
16	NTPC - Vindhyachal STPS-V	168	27	1.67	28
17	NTPC - Mauda STPS-II	1122	168	4.46	500
18	NTPC - Others	34	8	5.04	17
19	NTPC Gadarwara	624	124	4.07	254
20	NTPC LARA	336	53	2.39	80
21	NTPC Khargaon	1022	205	4.67	478
22	NTPC-Farakka - 3	101	16	3.76	38
23	NTPC-Kahalgaon 1	238	29	3.73	89
24	NTPC-Farakka - 1	376	39	3.84	144
25	NTPC-Taicher	43	5	1.84	8
26	NTPC-Darlipalli	19	4	1.37	3
27	NTPC-Unchahar - 1	84	10	3.98	33
28	NTPC-Tanda - 2	92	13	3.83	35
29	NTPC-Barah	279	69	2.98	83
30	NTPC-Dadri	1005	96	4.89	491
31	SSNNL - Hydro	56	0	2.05	12
32	Nabinagar Power Generating Co Ltd	92	21	2.42	22
33	Gandhinagar V	355	29	4.38	156
34	Wanakbori VII	335	12	4.18	140
35	Utran Extension	0	54	0.00	0
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	828	56	4.05	336
39	Ukai Expansion 6	784	96	3.65	286
40	Gandhinagar I to IV	656	79	4.49	295
41	Wanakbori I to VI	1705	127	4.24	722
42	Sikka 3 & 4	292	116	8.03	234
43	Kutch Lignite I to III	55	33	3.49	19
44	Kutch Lignite IV	91	20	3.36	31
45	Ukai Hydro	146	9	0.00	0
46	Kadana Hydro	25	10	0.00	0
47	GSECL Dhuvaran CAPP III	0	31	0.00	0
48	GSECL -BECL (BLTPS)	298	65	3.30	99
49	Wanakbori VIII	1223	193	3.50	429
50	GSEG	0	9	0.00	0
51	GSEG Expansion	0	24	0.00	0
52	GSPC-Pipavav	0	82	0.00	0
53	GIPCL - I (145)	0	0	0.00	0
54	GIPCL II (160)	0	0	0.00	0
55	GIPCL-SLPP	298	27	3.32	99
56	GIPCL, SLPP Expansion	351	49	2.04	72
57	GMDC - Akrimota	191	15	1.67	32
58	Wind Farms	2769	0	3.55	982
59	Solar Photovoltaic	1993	0	4.54	906
60	Hydel	18	0	3.74	7
61	Biomass	0	0	0.00	0
62	Waste To Energy	5	0	3.61	2
63	APPL 1	949	175	6.58	624
64	APPL 2	1881	181	7.04	1325
65	ACB India Ltd	243	19	0.67	16
66	Mundra UMPP	3002	85	4.93	1480
67	Essar - 1000 MW	0	0	0.00	0
68	Captive Power Plant	1	0	2.22	0
69	Power Exchange	696	0	6.64	462
70	Short Term Power Purchase	0	0	0.00	0
71	Medium Term Power Purchase	1909	276	1.75	334
	<b>Sub-total</b>	<b>32655</b>	<b>3741</b>	<b>3.92</b>	<b>12786</b>
72	TR.CHGS.-PGCIL	0	1037	0.00	0.00
73	GETCO Wheeling	0	1062	0.00	0.00
74	GUVNL Charges	0	131	0.00	0.00
75	SLDC Charges	0	6.3	0.00	0.00
	<b>Grand Total</b>	<b>32655</b>	<b>5977</b>	<b>3.92</b>	<b>12786</b>
	<b>Total Power Purchase Cost (Rs. Cr)</b>				<b>18764</b>
	<b>Average power Purchase cost (Rs./Unit)</b>		<b>Net PPCA</b>		<b>5.75</b>

**LOSS COMPUTATION FOR FPPPA**

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