

FPPPA Computation for 4th Qtr. 2021-22			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	5.18
2	PPCB - Approved Average Base Power Purchase Cost per Unit	Rs/KWh	4.481
3	Approved T&D Losses	2020-21	14.77%
4	FPPPA for the quarter (PPCA - PPCB)/(100-Loss)	Rs/KWh	0.82
5	** Add: Rs 1.80 as base FPPPA	Rs/KWh	1.80
6	Total FPPPA for the quarter	Rs/KWh	2.62
7	Total recoverable FPPPA for the Quarter	Rs/KWh	2.62

** GERC, vide Tariff Order dated 31.3.2021, has shifted the base year of power purchase cost from FY 2018-19 to FY 2019-20 for FPPPA calculation. While shifting the base, GERC has considered base FPPPA of Rs. 1.80 per unit, leviable over and above the FPPPA of the Quarter.

Power Purchase during 4th Quarter of 2021-22

Sr No	Stations	Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	-2	0	0.00	-8.2
2	NPC - Tarapur- 3&4	385	0	3.41	131
3	NPC - Kakrapar	253	0	2.35	59
4	NTPC - VINDHYACHAL - I	415	66	1.81	75
5	NTPC - VINDHYACHAL - II	496	35	1.59	79
6	NTPC - VINDHYACHAL - III	524	55	1.57	82
7	NTPC - KORBA	676	47	1.46	99
8	NTPC - KORBA II	262	53	1.43	37
9	NTPC - KAWAS	0	28	0.00	0
10	NTPC - JHANOR	1	48	10.03	1
11	NTPC - Sipat Stage - I	756	106	1.44	109
12	NTPC - Sipat Stage-II	567	66	1.58	90
13	NTPC - Kahalgaon (New)	250	28	2.55	64
14	NTPC - Vindhyachal STPS-IV	446	71	1.55	69
15	NTPC - Mauda STPS-I	829	152	3.83	317
16	NTPC - Vindhyachal STPS-V	127	29	1.66	21
17	NTPC - Mauda STPS-II	681	143	3.86	263
18	NTPC - Others	35	9	3.79	13
19	NTPC Gadawara	562	134	3.54	199
20	NTPC LARA	333	54	2.05	68
21	NTPC Khargaon	609	119	2.94	179
22	NTPC-Farakka - 3	42	7	2.73	11
23	NTPC-Kahalgaon 1	265	25	2.69	71
24	NTPC-Farakka - 1	422	39	2.75	116
25	NTPC-Talcher	42	4	1.76	7
26	NTPC-Darlipalli	26	4	1.13	3
27	NTPC-Unchahar - 1	73	8	3.43	25
28	NTPC-Tanda - 2	93	11	2.87	27
29	NTPC-Barah - 1	51	9	2.65	14
30	NTPC-Dadri - 1	60	2	3.88	23
31	SSNNL - Hydro	46	0	2.05	9
32	Nabinagar Power Generating Co Ltd	5	1	2.01	1
33	Gandhinagar V	365	32	3.98	145
34	Wanakbori VII	306	14	4.19	128
35	Utran Extension	0	59	0.00	0
36	Dhuvaran Gas Based - Stage-I	0	18	0.00	0
37	Dhuvaran Gas Based - Stage-II	0	21	0.00	0
38	Ukai TPS	783	80	3.97	311
39	Ukai Expansion 6	780	100	3.52	274
40	Gandhinagar I to IV	675	72	4.13	279
41	Wanakbori I to VI	1530	101	4.31	660
42	Sikka 3 & 4	0	0	0.00	0
43	Kutch Lignite I to III	78	20	3.35	26
44	Kutch Lignite IV	2	0.74	3.12	1
45	Ukai Hydro	111	8	0.00	0
46	Kadana Hydro	68	14	0.00	0
47	GSECL Dhuvaran CAPP III	0	10	0.00	0
48	GSECL -BECL (BLTPS)	369	80	2.77	102
49	Wanakbori VIII	969	153	3.55	344
50	GSEG	0	13	0.00	0
51	GSEG Expansion	0	28	0.00	0
52	GSPC-Pipavav	0	89	0.00	0
53	GIPCL - I (145)	0	0	0.00	0
54	GIPCL II (165)	0	0	0.00	0
55	GIPCL-SLPP	364	35	3.09	112
56	GIPCL, SLPP Expansion	392	66	2.23	87
57	GMDC - Akrimota	185	22	1.54	28
58	Wind Farms	1655	0	3.52	582
59	Solar Photovoltaic	1621	0	4.99	808
60	Hydel	27	0	4.02	11
61	Biomass	0	0	0.00	0
62	APPL 1	1428	160	6.78	968
63	APPL 2	385	33	5.91	227
64	ACB India Ltd	351	47	0.65	23
65	Mundra UMPP	2075	198	3.72	771
66	Essar	0	0	0.00	0
67	Captive Power Plant	7	0	2.17	1
68	Power Exchange	2893	0	5.14	1487
69	Short Term Power Purchase	0	0	0.00	0
70	Medium Term Power Purchase	1960	299	1.65	324
71	Goodwatts Jamnagar WTE	0	0	0.00	0
	Sub-total	28707	3125	3.47	9958
72	TR.CHGS.-PGCIL	0	716	0.00	0.00
73	GETCO Wheeling	0	959	0.00	0.00
74	GUVNL Charges	0	115	0.00	0.00
75	SLDC Charges	0	5.3	0.00	0.00
	Grand Total	28707	4920	3.47	9958
	Total Power Purchase Cost (Rs. Cr)				14878
			Gross PPCA		5.18
	Net Power Purchase cost (Rs. Cr)	28707			14878
	Average power Purchase cost (Rs./Unit)		Net PPCA		5.18

LOSS COMPUTATION FOR FPPPA

Sr No	Particulars	FY 2021-22
1	Energy Purchase	93,073
2	Sales of Discoms (MU)	79,326
3	Loss in the system (MU)	13,747
4	T & D Loss	14.77%