

FPPPA Computation for 3rd Qtr. 2019-20			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	4.60
2	PPCB - Approved Average Base Power Purchase Cost per Unit	Rs/KWh	4.32
3	Approved T&D Losses	2018-19	16.90%
4	FPPPA for the quarter (PPCA - PPCB)/(100-Loss)	Rs/KWh	0.33
5	** Add: Rs 1.61 as base FPPPA	Rs/KWh	1.61
6	Total FPPPA for the quarter	Rs/KWh	1.94
7	Add: Deferred FPPPA of Q2 of FY 2019-20	Rs/KWh	0.12
8	Total FPPPA recoverable for the quarter	Rs/KWh	2.06

** GERC, vide Tariff Orders dated 24.4.2019, has shifted the base year of power purchase cost from FY 2016-17 to FY 2017-18 for FPPPA calculation. While shifting the base, GERC has considered base FPPPA of Rs. 1.61 per unit, leviable over and above the FPPPA of the Quarter.

Sr No	Stations	Power Purchase during 3rd Quarter of 2019-20			
		Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	299	0	2.06	62
2	NPC - Tarapur- 3&4	369	0	3.07	113
3	NPC - Kakrapar	219	0	2.49	54
4	NTPC - VINDHYACHAL - I	346	32	1.90	66
5	NTPC - VINDHYACHAL - II	445	32	1.80	80
6	NTPC - VINDHYACHAL - III	492	49	1.78	87
7	NTPC - KORBA	638	43	1.48	94
8	NTPC - KORBA II	196	27	1.41	28
9	NTPC - KAWAS	75	27	2.72	20
10	NTPC - JHANOR	46	42	3.00	14
11	NTPC - Sipat Stage - I	994	131	1.65	164
12	NTPC - Sipat Stage-II	436	56	1.66	73
13	NTPC - Kahalgaon (New)	215	26	2.06	44
14	NTPC - Vindhyachal STPS-IV	468	66	1.72	81
15	NTPC - Mauda STPS-I	383	78	3.38	130
16	NTPC - Vindhyachal STPS-V	184	28	1.81	33
17	NTPC - Mauda STPS-II	323	76	3.31	107
18	NTPC - Solapur	0	0	0.00	0
19	NTPC Gadarwara	10	52	3.36	3
20	NTPC LARA	97	22	2.63	26
21	SSNNL - Hydro	212	0	2.05	44
22	Gandhinagar V	50	18	3.83	19
23	Wanakbori VII	143	15	3.81	55
24	Utran Extension	263	60	3.66	96
25	Dhuvaran Gas Based - Stage-I	86	19	2.88	25
26	Dhuvaran Gas Based - Stage-II	0	1	0.00	0
27	Ukai TPS	624	69	3.69	230
28	Ukai Expansion 6	701	130	3.22	226
29	Gandhinagar I to IV	15	57	3.77	6
30	Wanakbori I to VI	435	139	3.87	169
31	Sikka 3 & 4	575	151	3.39	195
32	Kutch Lignite I to III	98	16	2.69	26
33	Kutch Lignite IV	82	18	2.51	21
34	Ukai Hydro	251	10	0.00	0
35	Kadana Hydro	124	17	0.00	0
36	GSECL Dhuvaran CCPP III	126	22	3.69	46
37	GSECL -BECL	154	36	2.60	40
38	Wanakbori VIII	298	79	3.32	99
39	GSEG	10	14	4.64	5
40	GSEG Expansion	149	37	3.71	55
41	GIPCL II (160)	4	0	4.55	2
42	GIPCL-SLPP	378	33	1.37	52
43	GMDC - Akrimota	137	16	1.29	18
44	GIPCL - I (145)	16	1	2.79	4
45	GIPCL, Expansion	409	65	1.36	56
46	CLP India Pvt Ltd.	0	62	0.00	0
47	Captive Power Plant	1	0	2.01	0
48	Wind Farms	1603	0	3.54	567
49	Solar Photovoltaic	634	0	7.73	490
50	Hydel	26	0	3.43	9
51	Biomass	49	0	5.86	28
52	APPL	2295	210	2.93	673
53	ACB India Ltd	208	46	0.66	14
54	Mundra UMPP	3222	314	1.81	583
55	Essar - 1000 MW	1524	184	1.89	288
56	GSPC-Pipavav	207	73	3.70	77
57	Power Exchange	262	0	3.64	96
58	Flexible Coal Scheme - GMR	937	0	3.18	298
	Sub-toal	22546	2697	2.61	5890
60	TR.CHGS.-PGCIL	0	813	0.00	0.00
61	GETCO Wheeling	0	868	0.00	0.00
62	GUVNL Charges	0	90	0.00	0.00
63	SLDC Charges	0	7.3	0.00	0.00
	Grand Total	22546	4476	2.61	5890
	Total Power Purchase Cost (Rs. Cr)				10365
				Gross PPCA	4.60
	Net Power Purchase Cost for the Quarter				10365
	Average power Purchase cost (Rs./Unit)			Net PPCA	4.60

LOSS COMPUTATION FOR FPPPA

Sr No	Particulars	FY 2019-20
1	Energy Purchase	87,332
2	Sales of Discoms (MU)	72,577
3	Loss in the system (MU)	14,755
4	T & D Loss	16.90%