

FPPPA Computation for 2nd Qtr. 2019-20			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	4.83
2	PPCB - Approved Average Base Power Purchase Cost per Unit	Rs/KWh	4.32
3	Approved T&D Losses	2019-20	16.90%
4	FPPPA for the quarter (PPCA - PPCB)/(100-Loss)	Rs/KWh	0.61
5	** Add: Rs 1.61 as base FPPPA	Rs/KWh	1.61
6	Total FPPPA for the quarter	Rs/KWh	2.22
7	FPPPA to be recovered from the consumers	Rs/KWh	2.10
8	FPPPA Deferred	Rs/KWh	0.12

** 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 2nd Quarter of 2019-20			
		Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	296	0	2.07	61
2	NPC - Tarapur- 3&4	540	0	3.09	167
3	NPC - Kakrapar	244	0	2.48	61
4	NTPC - VINDHYACHAL - I	390	35	2.02	79
5	NTPC - VINDHYACHAL - II	362	27	1.86	67
6	NTPC - VINDHYACHAL - III	522	52	1.91	100
7	NTPC - KORBA	625	43	1.49	93
8	NTPC - KORBA II	114	18	1.45	17
9	NTPC - KAWAS	126	30	3.66	46
10	NTPC - JHANOR	58	47	4.14	24
11	NTPC - Sipat Stage - I	798	105	1.61	128
12	NTPC - Sipat Stage-II	459	59	1.66	76
13	NTPC - Kahalgaon (New)	190	30	1.96	37
14	NTPC - Vindhyachal STPS-IV	387	65	1.94	75
15	NTPC - Mauda STPS-I	370	79	3.58	132
16	NTPC - Vindhyachal STPS-V	184	29	1.96	36
17	NTPC - Mauda STPS-II	248	75	3.72	92
18	NTPC - Solapur	0	0	0.00	0
19	NTPC Gadarwara	37	54	3.67	14
20	SSNNL - Hydro	274	0	2.05	56
21	Gandhinagar V	218	17	4.04	88
22	Wanakbori VII	274	15	3.98	109
23	Utran Extension	116	60	3.87	45
24	Dhuvaran Gas Based - Stage-I	33	12	3.30	11
25	Dhuvaran Gas Based - Stage-II	0	1	0.00	0
26	Ukai TPS	452	67	3.65	165
27	Ukai Expansion 6	363	89	3.21	117
28	Gandhinagar I to IV	88	57	4.20	37
29	Wanakbori I to VI	653	139	4.08	266
30	Sikka 3 & 4	524	151	3.62	190
31	Kutch Lignite I to III	92	14	2.75	25
32	Kutch Lignite IV	46	10	2.57	12
33	Ukai Hydro	346	10	0.00	0
34	Kadana Hydro	230	17	0.00	0
35	GSECL Dhuvaran CAPP III	112	33	3.72	42
36	GSECL -BECL	63	14	2.60	16
37	GSEG	6	10	5.63	3
38	GSEG Expansion	161	40	3.71	60
39	GIPCL II (160)	0	0	0.00	0
40	GIPCL-SLPP	296	27	1.44	43
41	GMDC - Akrimota	139	16	1.34	19
42	GIPCL - I (145)	30	1	3.15	9
43	GIPCL, Expansion	297	56	1.43	43
44	Captive Power Plant	1	0	2.18	0
45	Wind Farms	2438	0	3.76	917
46	Solar Photovoltaic	508	0	8.00	406
47	Hydel	29	0	3.23	9
48	Biomass	37	0	5.86	22
49	APPL	2287	214	3.17	725
50	ACB India Ltd	362	49	0.67	24
51	Mundra UMPP	2569	258	1.96	505
52	Essar - 1000 MW	833	69	1.86	155
53	GSPC-Pipavav	131	73	3.82	50
54	Power Exchange	272	0	3.80	103
55	Flexible Coal Scheme - GMR	1166	0	3.16	368
	Sub-toal	21398	2265	2.78	5946
60	TR.CHGS.-PGCIL		467		
61	GETCO Wheeling		861		
62	GUVNL Charges		86		
63	SLDC Charges		7.3		
	Grand Total	21398	3686	2.78	5946
	Total Power Purchase Cost (Rs. Cr)				9632
				Gross PPCA	4.50
	Add: Paid to APMuL for past period				699
	Net Power Purchase Cost for the Quarter				10331
	Average power Purchase cost (Rs./Unit)		Net PPCA		4.83

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%