

FPPPA Computation for 4th Qtr. 2015-16			
I	Fuel Surcharge	Unit	Value
1	PPCA - Average Power Purchase Cost per Unit for the Quarter	Rs/KWh	4.03
2	PPCB - Approved Average Base Power Purchase Cost per Unit	Rs/KWh	3.76
3	Approved T&D Losses	2015-16	19.07%
4	FPPPA per unit for the quarter (PPCA - PPCB)/(100-Loss)	Rs/KWh	0.33
5	** Add: Rs 1.20 per unit as base FPPPA	Rs/KWh	1.20
6	Total FPPPA recoverable for the quarter	Rs/KWh	1.53

** GERC, vide Tariff Orders dated 29.4.2014, has shifted the base year of power purchase cost from FY 2009-10 to FY 2012-13 for FPPPA calculation. While shifting the base, GERC has considered base FPPPA of Rs. 1.20 per unit, leviable over and above the FPPPA of the Quarter.

Sr No	Stations	Power Purchase during 4th Quarter of 2015-16			
		Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	157	0.00	1.03	16.22
2	NPC - Tarapur- 3&4	511	0.00	2.92	149.13
3	NPC - Kakrapar	94	0.00	2.45	22.92
4	NTPC - VINDHYACHAL - I	349	24.49	1.74	60.85
5	NTPC - VINDHYACHAL - II	385	25.88	1.69	65.32
6	NTPC - VINDHYACHAL - III	525	50.13	1.67	87.61
7	NTPC - KORBA	685	35.41	1.18	81.03
8	NTPC - KORBA II	195	26.43	1.17	22.84
9	NTPC - KAWAS	74	25.13	2.72	20.07
10	NTPC - JHANOR	43	39.94	2.59	11.26
11	NTPC - Sipat Stage - I	1070	127.72	1.19	127.11
12	NTPC - Sipat Stage-II	575	63.13	1.23	70.52
13	NTPC - Kahalgaon (New)	126	23.32	1.75	22.03
14	NTPC - Vindhyachal STPS-IV	398	63.14	1.73	68.90
15	NTPC - Mauda STPS-I	58	78.20	2.50	14.39
16	NTPC - Vindhyachal STPS-V	141	20.37	1.53	21.64
17	SSNNL - Hydro	25	0.00	2.05	5.17
18	Gandhinagar V	351	24.69	3.33	116.87
19	Wanakbori VII	337	24.02	2.95	99.48
20	Utran Gas Based	0	13.26	0.00	0.00
21	Utran Extension	345	62.82	3.63	125.02
22	Dhuvaran Gas Based - Stage-I	1	12.68	2.60	0.34
23	Dhuvaran Gas Based - Stage-II	148	2.65	3.41	50.30
24	Ukai TPS	406	78.80	2.92	118.57
25	Ukai Expansion 6	612	201.54	2.50	153.14
26	Gandhinagar I to IV	176	90.16	3.73	65.82
27	Wanakbori I to VI	626	116.01	3.09	193.61
28	Sikka TPS	12	22.26	3.84	4.50
29	Kutch Lignite I to III	338	62.86	1.56	52.86
30	Kutch Lignite IV	98	31.36	1.43	14.02
31	Ukai Hydro	112	-5.72	0.00	0.00
32	Kadana Hydro	42	2.54	0.00	0.00
33	ESSAR	0	0.00	0.00	0.00
34	CLP India Pvt Ltd	305	76.41	3.28	100.07
35	GSEG	33	21.37	2.39	7.85
36	GIPCL II (160)	89	11.55	3.12	27.85
37	GIPCL-SLPP	396	29.86	1.34	52.92
38	GMDC - Akrimota	311	33.58	0.89	27.85
39	GIPCL - I (145)	3	2.43	3.73	1.07
40	GIPCL, Expansion	438	78.63	1.81	79.08
41	Captive Power Plant	0	0.00	0.00	0.00
42	Wind Farms	734	0.00	3.59	263.69
43	Solar Photovoltaic	375	0.00	13.43	503.42
44	Hydel	12	0.00	3.49	4.32
45	Biomass	0	0.00	0.00	0.00
46	APPL	3450	373.55	1.72	594.87
47	Aryan	323	51.74	0.57	18.33
48	Mundra UMPP	3153	312.24	1.40	442.99
49	Essar - 1000 MW	928	197.73	1.78	165.47
50	Sikka 3 & 4	283	90.92	2.24	63.19
51	GSEG Expansion	0	123.20	0.00	0.00
52	GSPC-Pipavav	121	94.72	0.33	3.95
	Sub-toal	19971	2841		4218
53	TR.CHGS.-PGCIL	0	375.59	0.00	0.00
54	GETCO Wheeling	0	519.01	0.00	0.00
55	GUVNL Charges	0	79.88	0.00	0.00
56	SLDC Charges	0	4.75	0.00	0.00
	Grand Total	19971	3820	2.11	4218
	Total Power Purchase Cost (Rs. Cr)				8039
	Average power Purchase cost (Rs./Unit)		PPCA		4.03

LOSS COMPUTATION FOR FPPA

Sr No	Particulars	FY 2015-16
1	Energy Purchase	62,950
2	Sales of Discoms (MU)	50,948
3	Loss in the system (MU)	12,003
4	T & D Loss	19.07%