

<b>FPPPA Computation for 1st Qtr. 2020-21</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	4.66
2	<b>PPCB</b> - Approved Average Base Power Purchase Cost per Unit	Rs/KWh	4.30
3	Approved T&D Losses	2020-21	16.87%
<b>4</b>	<b>FPPPA for the quarter (PPCA - PPCB)/(100-Loss)</b>	Rs/KWh	<b>0.43</b>
5	** Add: Rs 1.59 as base FPPPA	Rs/KWh	1.59
<b>6</b>	<b>Total FPPPA for the quarter</b>	Rs/KWh	<b>2.02</b>

\*\* GERC, vide Tariff Orders dated 31.3.2020, has shifted the base year of power purchase cost from FY 2017-18 to FY 2018-19 for FPPPA calculation. While shifting the base, GERC has considered base FPPPA of Rs. 1.59 per unit, leviable over and above the FPPPA of the Quarter.

Sr No	Stations	Power Purchase during 1st Quarter of 2020-21			
		Mus	Fixed Cost (Rs Cr)	Variable Cost (Rs/Unit)	Variable Cost (Rs. Cr)
1	NPC - Tarapur- 1&2	137	0	2.41	33
2	NPC - Tarapur- 3&4	549	0	3.39	186
3	NPC - Kakrapar	240	0	2.29	55
4	NTPC - VINDHYACHAL - I	432	35	1.75	75
5	NTPC - VINDHYACHAL - II	468	32	1.65	77
6	NTPC - VINDHYACHAL - III	486	49	1.60	78
7	NTPC - KORBA	710	47	1.44	102
8	NTPC - KORBA II	197	25	1.43	28
9	NTPC - KAWAS	194	35	2.11	41
10	NTPC - JHANOR	139	55	2.12	30
11	NTPC - Sipat Stage - I	1051	143	1.45	152
12	NTPC - Sipat Stage-II	560	64	1.51	84
13	NTPC - Kahalgaon (New)	224	25	2.13	48
14	NTPC - Vindhyachal STPS-IV	437	73	1.60	70
15	NTPC - Mauda STPS-I	39	82	2.88	11
16	NTPC - Vindhyachal STPS-V	165	29	1.60	26
17	NTPC - Mauda STPS-II	21	83	2.37	5
18	NTPC - Solapur	0	0	0.00	0
19	NTPC Gadarwara	0	53	0.00	0
20	NTPC LARA	96	33	2.39	23
21	NTPC Khargaon	0	77	0.00	0
22	SSNNL - Hydro	121	0	2.05	25
23	Gandhinagar V	0	18	0.00	0
24	Wanakbori VII	0	16	0.00	0
25	Utran Extension	589	59	2.93	173
26	Dhuvaran Gas Based - Stage-I	149	17	2.50	37
27	Dhuvaran Gas Based - Stage-II	105	22	3.00	31
28	Ukai TPS	297	77	3.14	93
29	Ukai Expansion 6	588	123	3.13	184
30	Gandhinagar I to IV	0	54	0.00	2
31	Wanakbori I to VI	0	141	0.00	0
32	Sikka 3 & 4	208	159	3.10	64
33	Kutch Lignite I to III	122	24	2.62	32
34	Kutch Lignite IV	85	19	2.44	21
35	Ukai Hydro	140	8	0.00	0
36	Kadana Hydro	18	16	0.00	0
37	GSECL Dhuvaran CAPP III	246	19	2.96	73
38	GSECL -BECL (BLTPS)	293	65	2.98	87
39	Wanakbori VIII	377	221	3.19	120
40	GSEG	177	14	2.97	53
41	GSEG Expansion	463	38	2.85	132
42	GIPCL II (160)	9	0	3.47	3
43	GIPCL-SLPP	371	32	1.46	54
44	GMDC - Akrimota	99	11	1.29	13
45	GIPCL - I (145)	71	3	2.22	16
46	GIPCL, Expansion	391	62	1.44	56
47	Captive Power Plant	4	0	2.18	1
48	Wind Farms	2076	0	3.58	743
49	Solar Photovoltaic	826	0	7.39	611
50	Hydel	14	0	3.52	5
51	Biomass	45	0	5.86	26
52	APPL	743	165	2.79	208
53	ACB India Ltd	364	44	0.67	24
54	Mundra UMPP	2930	277	1.96	573
55	Essar - 1000 MW	773	111	2.00	154
56	GSPC-Pipavav	1259	71	2.85	359
57	Power Exchange	1251	0	2.80	351
58	Flexible Coal Scheme - GMR	0	0	0.00	1
	<b>Sub-toal</b>	<b>21348</b>	<b>2822</b>	<b>2.55</b>	<b>5451</b>
60	TR.CHGS.-PGCIL	0	416	0.00	0.00
61	GETCO Wheeling	0	961	0.00	0.00
62	GUVNL Charges	0	85	0.00	0.00
63	SLDC Charges	0	8.3	0.00	0.00
	<b>Grand Total</b>	<b>21348</b>	<b>4293</b>	<b>2.55</b>	<b>5451</b>
	<b>Total Power Purchase Cost ( Rs. Cr)</b>				<b>9744</b>
			<b>Gross PPCA</b>		<b>4.56</b>
<b>Add:</b>	NPC Fuel Adj Ch from 2009 to March 2020				<b>496</b>
<b>Less:</b>	NTPC one time Rebate due to Covid-19				<b>-118</b>
	PGCIL one time Rebate due to Covid-19				<b>-54</b>
	APMuL Credit due to Energy Charge revision				<b>-127</b>
	<b>Net Power Purchase Cost for the Quarter</b>				<b>9941</b>
	<b>Average power Purchase cost (Rs./Unit)</b>		<b>Net PPCA</b>		<b>4.66</b>

**LOSS COMPUTATION FOR FPPPA**

<b>Sr No</b>	<b>Particulars</b>	<b>FY 2020-21</b>
1	<b>Energy Purchase</b>	<b>105,652</b>
2	Sales of Discoms (MU)	87,824
3	Loss in the system (MU)	17,828
4	<b>T &amp; D Loss</b>	<b>16.87%</b>