

FPPCA CALCULATION FOR THE SECOND QUARTER OF 19-20.

1	Pact (in Rs.Cr.): Actual Power purchase cost inclusive of fixed cost, variable costs, arrears, and other charges excluding any kind of penalties incurred in the quarter.	780.53
a	Cost of procurement from sources outside the State,	648.85
b	Cost of procurement from sources within the State,	0.00
c	Cost of DSM excluding any penal charges,	1.26
d	Cost of procurement from the Bilateral/ exchange etc.	132.27
e	Less: Revenue from sale of surplus power/ DSM	1.84
2	Tact (in Rs. Cr.): Actual Transmission cost inclusive of any kind of arrears, other charges etc. and excluding any kind of penalties incurred in the quarter. This shall include:	103.60
a	Inter-State transmission cost (PGCIL charges).	92.97
b	Intra-State transmission cost.	10.63
3	Oact (in Rs. Cr.): Adjustments from the previous FPPCA quarter on account of over/ under recovery and any other incidental costs not accounted for at the time of retail tariff fixation.	0.00
4	ASact(in Rs. Cr.): Revenue from Additional Surcharge collected from Open Access consumer towards the stranded power purchase cost.	0.00
5	PPOact(in MU): Quantum of power purchased in the quarter from sources outside State/ Union Territory	1351.72
6	TLapp (in %): Approved Inter- State transmission losses for the year in consideration as provided in the relevant Tariff Order	3.66
7	PPIact (in MU)): Quantum of power purchased in the quarter from sources within State/Union Territory, Bilateral/ Exchange and Over-drawal under the DSM	401.74
8	PSOact (in MU): Actual quantum of sale of surplus power/ under-drawal under the DSM in the quarter	17.08
9	DLapp (in %): Approved T&D losses for the year in consideration as provided in the relevant Tariff Order	4.30
10	Zact (in MU): Actual energy sales for agriculture and BPL category consumers in the quarter.	2.83

FPPCA CALCULATION.

11	FPPCA = $\frac{(Pact+ Tact +Oact-ASact) * 10}{\{[PPOact* (1-TLapp)+PPIact-PSOact]*(1-DLapp)\}-Zact}$ (Rs./unit)	- Rapp
12	Numerator = (Pact+ Tact +Oact-ASact)	884.14
13	Denominator = {[PPOact* (1-TLapp)+PPIact-PSOact]*(1-DLapp)}-Zact	1611.54
14	(Numerator / Denominator)*10 Actual per unit rate of power purchase (Rs. per unit).	5.49
15	Rapproved. [Approved per unit cost of power purchase for use in the FPPCA formula as given in the tariff order. (Rs. per unit).	4.83
16	FPPCA (Rs./unit) = Actual per unit Rate of Power Purchase - Approved per unit Rate of Power Purchase = (14-15)	0.66

Category-wise FPPCA charge for II Quarter of 19-20.

Reference: Table 131: Revenue from Approved Retail Tariff for FY 2019-20.

FPPCA RATE FOR THE MONTH =		0.66	Rs./Unit.					
S. No.	Category	Fixed Charges (Rs Cr.)	Energy Charges (Rs Cr.)	Total (Rs. Cr.)	ABR (Rs./unit)	K-Factor.	FPPCA rate of month.	Revised FPPCA Charge in Rs/Unit.
1	DOMESTIC	0.29	30.90	31.37	2.31	0.49	0.66	0.32
(i)	0-50 units	0.07	0.25	0.32	1.65	0.35	0.66	0.23
(ii)	51-200 units	0.13	5.56	5.69	1.76	0.37	0.66	0.24
(iii)	201-400 units	0.06	6.67	6.73	2.04	0.43	0.66	0.28
(iv)	401 and above	0.04	18.42	18.45	2.69	0.57	0.66	0.38
(v)	Low Income Group	0.18	0.00	0.18	0	0.00	0.66	
2	COMMERCIAL	0.10	13.14	13.24	3.74	0.79	0.66	0.52
(i)	0-100 units	0.05	0.34	0.39	3.2	0.68	0.66	0.45
(ii)	101 Units and Above	0.05	12.80	12.85	3.76	0.80	0.66	0.53
3	LT INDUSTRIAL	4.46	91.75	96.21	4.30	0.91	0.66	0.60
(i)	LTP Motive Power (For All Units)	4.37	88.43	92.80	4.30	0.91	0.66	0.60
	Up to 20 HP	0.04	2.35	2.39	4.02	0.85	0.66	0.56
	Above 20 HP	4.33	86.08	90.41	4.31	0.91	0.66	0.60
(ii)	LT Public Water Works (For All Units)	0.09	3.32	3.41	4.41	0.93	0.66	0.61
	Up to 20 HP	0.07	2.76	2.83	4.40	0.93	0.66	0.61
	Above 20 HP	0.02	0.56	0.58	4.45	0.94	0.66	0.62
4	HT/EHT INDUSTRIAL	535.52	2288.05	2823.57	4.8	1.02	0.66	0.67
(i)	11 kV	240.88	1016.33	1257.21	4.86	1.03	0.66	0.68
(ii)	66 kV	183.30	809.69	992.99	4.76	1.01	0.66	0.67
(iii)	220 kV	111.34	462.02	573.37	4.75	1.01	0.66	0.67
5	AGRICULTURE AND POULTRY	0.00	0.54	0.54	0.74	0.16	0.66	0.11
(i)	For sanctioned load upto 10 HP	0.00	0.44	0.44	0.70	0.15	0.66	0.10
(ii)	Beyond 10 HP	0.00	0.10	0.10	1.00	0.21	0.66	0.14
6	PUBLIC LIGHTING	0.00	3.24	3.24	3.80	0.81	0.66	0.53
(i)	For all units	0.00	3.24	3.24	3.80	0.81	0.66	0.53
7	HOARDINGS/SIGNBOARDS	0.00	0.00	0.00	0.00	1.00	0.66	0.66
(i)	For all units	0.00	0.00	0.00	0.00	1.00	0.66	0.66
8	TEMPORARY	0.00	2.4	2.4	7.08	*	0.66	
(i)	For all units	0.00	2.4	2.4	7.08	*	0.66	
9	ELECTRIC VEHICLE CHARGING STATION	0.00	0.00	0.00	0.00	1.00		
	TOTAL	540.37	2430.01	2970.56	4.72			

FPPCA charge for Temporary connections for II Quarter of 19-20.									
Reference: Table 131: Revenue from Approved Retail Tariff for FY 2019-20.									
FPPCA RATE FOR THE MONTH =		0.66	Rs./Unit.						
S. No.	Category	Fixed Charges (Rs Cr.)	Energy Charges (Rs Cr.)	Total (Rs. Cr.)	ABR (Rs./unit)	K - Factor.	1.5 times K factor.	FPPCA rate of month.	Revised FPPCA Charge in Rs/Unit.
1	DOMESTIC	0.29	30.90	31.37	7.08	0.49	0.74	0.66	0.49
(i)	0-50 units	0.07	0.25	0.32	7.08	0.35	0.53	0.66	0.35
(ii)	51-200 units	0.13	5.56	5.69	7.08	0.37	0.56	0.66	0.37
(iii)	201-400 units	0.06	6.67	6.73	7.08	0.43	0.65	0.66	0.43
(iv)	401 and above	0.04	18.42	18.45	7.08	0.57	0.86	0.66	0.56
(v)	Low Income Group	0.18	0.00	0.18	0	0.00	0.00	0.66	0.00
2	COMMERCIAL	0.10	13.14	13.24	7.08	0.80	1.20	0.66	0.79
(i)	0-100 units	0.05	0.34	0.39	7.08	0.68	1.02	0.66	0.67
(ii)	101 Units and Above	0.05	12.80	12.85	7.08	0.80	1.20	0.66	0.79
3	LT INDUSTRIAL	4.46	91.75	96.21	7.08	0.92	1.38	0.66	0.91
(i)	LTP Motive Power (For All Units)	4.37	88.43	92.80	7.08	0.92	1.38	0.66	0.91
	Up to 20 HP	0.04	2.35	2.39	7.08	0.86	1.29	0.66	0.85
	Above 20 HP	4.33	86.08	90.41	7.08	0.92	1.38	0.66	0.91
(ii)	LT Public Water Works (For All Units)	0.09	3.32	3.41	7.08	0.94	1.41	0.66	0.93
	Up to 20 HP	0.07	2.76	2.83	7.08	0.94	1.41	0.66	0.93
	Above 20 HP	0.02	0.56	0.58	7.08	0.95	1.43	0.66	0.94
4	HT/EHT INDUSTRIAL	535.52	2271.16	2806.68	7.08	1.02	1.53	0.66	1.01
(i)	11 kV	240.88	1066.7	1307.58	7.08	1.08	1.62	0.66	1.07
(ii)	66 kV	183.30	767.08	950.38	7.08	0.97	1.46	0.66	0.96
(iii)	220 kV	111.34	437.38	548.73	7.08	0.97	1.46	0.66	0.96
5	AGRICULTURE AND POULTRY	0.00	0.54	0.54	7.08	0.16	0.24	0.66	0.00
(i)	For sanctioned load upto 10 HP	0.00	0.44	0.44	7.08	0.15	0.23	0.66	0.00
(ii)	Beyond 10 HP	0.00	0.10	0.10	7.08	0.21	0.32	0.66	0.00
6	PUBLIC LIGHTING	0.00	3.24	3.24	7.08	0.81	1.22	0.66	0.80
(i)	For all units	0.00	3.24	3.24	7.08	0.81	1.22	0.66	0.80