

FPPCA CALCULATION FOR THE SECOND QUARTER OF 18-19.

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.	633.03
a	Cost of procurement from sources outside the State,	586.34
b	Cost of procurement from sources within the State,	0.00
c	Cost of DSM excluding any penal charges,	21.63
d	Cost of procurement from the Bilateral/ exchange etc.	29.99
e	Less: Revenue from sale of surplus power/ DSM	4.93
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:	85.00
a	Inter-State transmission cost (PGCIL charges).	74.20
b	Intra-State transmission cost.	10.80
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	1524.68
6	TLapp (in %): Approved Inter- State transmission losses for the year in consideration as provided in the relevant Tariff Order	3.69
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	185.25
8	PSOact (in MU): Actual quantum of sale of surplus power/ under-drawal under the DSM in the quarter	10.95
9	DLapp (in %): Approved T&D losses for the year in consideration as provided in the relevant Tariff Order	4.70
10	Zact (in MU): Actual energy sales for agriculture and BPL category consumers in the quarter.	3.31
FPPCA CALCULATION.		
11	$\text{FPPCA (Rs./unit)} = \frac{(\text{Pact} + \text{Tact} + \text{Oact} - \text{ASact}) * 10}{\{[\text{PPOact} * (1 - \text{TLapp}) + \text{PPIact} - \text{PSOact}] * (1 - \text{DLapp})\} - \text{Zact}}$	- Rapp
12	Numerator = $(\text{Pact} + \text{Tact} + \text{Oact} - \text{ASact})$	718.03
13	Denominator = $\{[\text{PPOact} * (1 - \text{TLapp}) + \text{PPIact} - \text{PSOact}] * (1 - \text{DLapp})\} - \text{Zact}$	1562.19
14	$\frac{(\text{Numerator} / \text{Denominator}) * 10}{\text{Actual per unit rate of power purchase (Rs. per unit).}}$	4.60
15	Rapproved. [Approved per unit cost of power purchase for use in the FPPCA formula as given in the tariff order. (Rs. per unit).]	4.32
16	$\text{FPPCA (Rs./unit)} = \text{Actual per unit Rate of Power Purchase} - \text{Approved per unit Rate of Power Purchase} = (14-15)$	0.28