

**Revenue & Power Department**

**Sub: Power Purchase Adjustment Charges – Regarding.**

On the basis of PPAC formula approved by the Commission, PPAC for the 1<sup>st</sup> Quarter of the Calendar year 2019 i.e. from January '19 to March '19 has been worked out and comes out to 2.76%.

As per Business Plan Regulations-2017, "In case PPAC does not exceed 5% for any quarter, the Distribution Licensee may levy at 90% of computed PPAC with prior intimation to the Commission without going through the regulatory proceedings. [Point No. 4 (a), Pg-21 of Business Plan Regulation 2017]. However, this computation of PPAC is to be first uploaded on Discom's website before it is levied (Point No. 5, Pg-21 of Business Plan Regulation 2017).

DERC has been intimated accordingly, as required under Business Plan Regulations-2017. The Commercial Department may kindly be intimate to take following actions in this regard:-

- a) Ensure that PPAC computation to be levied in Consumer's Electricity Bills is first uploaded on NDMC website (copy of computation attached).
- b) Levy 90% of the 2.76% PPAC worked out for 1<sup>st</sup> Quarter of the Calendar year 2019 in Consumer's Electricity Bills as per provisions in Business Plan Regulation-2017 of DERC.

D-685/235290/EE (Power)/19  
20/5/19

NDMC/COMD/comp-600  
21-5-19

~~Praveen  
17/05/19.  
AEE (Power)  
EE (Power)  
SE (Power)~~

for onward submission to  
Commd Deptt.  
~~[Signature]~~  
13/5

~~Praveen  
17/05/19.  
JE (Power)~~

~~Dr. Ashish  
15.07.19~~

~~Dir (Power)  
Dir (Commd)~~

~~Aganta  
7/5/19~~

~~JD (C-2)~~

~~Dr. Valit~~

~~Dr. Anand  
21.05.2019~~

PPAC charge implemented @ 2.48% i.e. 90% of 2.76 w.e.f. 1/6/19 reading date submitted P1.

~~[Signature]~~  
12/5/19

## Power Purchase Adjustment (PPA) (in %age) ----- (January 2019 to March 2019)

Legends	Description	Details
A	Total units procured from power stations having long term PPAs (As per bill)	260.309673 Mus
B	Proportionate bulk sale of power from Power Stations having long terms PPAs (As per SLDC)	7.5336076343 MUs
C	[Actual average Power Purchase Cost (PPC) from power stations having long term PPAs] Less [Projected average Power Purchase Cost (PPC) from power Stations having long term PPAs]  Actual power purchase cost =Rs. 5.608/kWh computed as per the bills Projected power purchase cost of Rs 5.22/kWh (as per the Tariff Order for FY 2018-19) (Table 57)	Rs.0.388/kWh
D	Actual Transmission Charges paid (As per bills)	19.95 Cr.
E	Approved Transmission Charges / 4 (Table 62)	24.89 Cr.
Z	[(Actual Power Purchase from Central Generating Stations having long term PPAs X(1-PGCIL losses in %) + Power from Delhi Gencos including BTPS X (1 - DTL losses in %)]-B]  PGCIL Losses (in %) $100 \times \frac{\text{Approved PGCIL losses}}{\text{approved long terms Power Purchase from central generating stations having long term PPA}}$  DTL Losses (in %) $\frac{\text{Approved DTL losses (from the Tariff Order)}}{\text{Power available at Delhi periphery (from energy balance table tariff order)}}$	249.8738544
Z	Actual Power Purchased from CSGS = 152.685313 Mus Power from Delhi GENCOS including BTPS = 107.624360 Mus (As per the bill)  PGCIL Losses %age = 1.21% (i.e. 5.47/452.00) Approved PGCIL losses in Tariff order = 5.47 MUs Approved long term Power Purchase from CGS having long term PPA in the tariff order = 452.00 MUs  PGCIL losses and approved long term power purchase details taken from NDMC tariff order FY 2018-19, Table 62 DTL Losses % age=.98% (i.e. 15.47/1563.21) Approved DTL losses in Tariff order = 15.47 MUs Power available at Delhi = 1563.21 MUs DTL losses and power availability details taken from NDMC tariff order FY 2018-19 Table 62	
Distribution%	Distribution Losses in% (NDMC tariff order FY 2018-19, Table 54)	9.63%
ABR	Revenue at revised tariff (Rs Cr.) = 1102.69 (NDMC tariff order FY 2018-19, Table 80) Approved energy sales (MU) = 1412.67 (NDMC tariff order FY 2018-19, Table 54)	Rs. 7.81 /kWh
PPA(%)	PPA for n <sup>th</sup> Qtr. (%) = $\frac{(A-B) \times C + (D-E)}{Z \times (1 - \text{Distribution losses in \%})} \times \text{ABR}$ 100	2.76%