

STATE LOAD DESPATCH CENTRE (DELHI)

Office of Manager (Energy Accounting)

SLDC Building, Minto Road, New Delhi-110002

Ph: 23211207, Fax: 23221012, 23221059, website – www.delhisldc.org

No. F./DTL/207/19-20/ Manager(EA)SLDC/01

Dated: 02.09.2019

Secretary,
Delhi Electricity Regulatory Commission,
Shivalik Road, Malviya Nagar
New Delhi-110017

Sub: Applicability of Cross subsidy surcharges for Short term open access consumers as per Tariff order for FY/19-20 issued by Commission.

Sir,

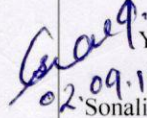
This is with reference to the orders issued by Hon'ble commission for Determination of Open Access Charges dated 18.05.15 and 01.06.2017 regarding computation of Cross subsidy Surcharges at different voltage for Open Access Consumers in BYPL, BRPL & TPDDL area.. The relevant part of the order dated 01.06.2017 is as under.

"2.2 Cross Subsidy surcharges:

(5) Based on the data available in Tariff Order for FY 2015-16 for the distribution Licensees issued by the Commission, the Commission has calculated the Cross Subsidy surcharge applicable to different class of consumers availing supply at different voltages/ along with assumptions as indicated in Annexure- 1. Accordingly, the charges indicated in Annexure- 2 shall be payable by the Open Access consumers by way of Cross Subsidy surcharge in TPDDL, BRPL & BYPL areas, which shall be applicable from the date of issue of this Order. However, subsequently, the nodal agency shall compute Cross Subsidy Surcharge and shall display it on its website within one month of issue of Tariff Order."

DERC vide order dated 31.07.2019 issued the Tariff Order for FY/19-20 for BYPL, BRPL & TPDDL. Accordingly Delhi SLDC calculated the Cross Subsidy Surcharges for FY/19-20 applicable to different class of consumers on the basis of assumptions mentioned in the above DERC order. (Enclosed as annexure).

It is submitted for your kind consideration please.


02.09.19
Yours faithfully,
Sonali Garg
Manager (Energy Accounting)
Nodal Officer, SLDC

Copy for favour of kind information to:-

1. OSD to Secretary Power
2. Dir(O),DTL
3. ED(T),(SLDC)
4. DGM(EA)
5. Nodal Officer (Open Access) ,BRPL
6. Nodal Officer (Open Access) ,BYPL
7. Nodal Officer (Open Access) ,TPDDL

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Cross Subsidy Surcharge as per Tariff Order for FY 19-20

For TPDDL

Surcharge(S) is calculated as follows:

Voltage Levels	X	X+D+R	Surcharge in Ps/unit					T-{C(1+L/100)+D+R}	
			Industrial	Non Domestic	Domestic	Railway	Public Utilities		
T	in ps/unit	in ps/unit	933	1092	496	0	684		
Restricted@20%			186.6	218.4	99.2	0	136.8		
Above 66 kV	469.02	643.33	186.60	218.40	-147.33	Exempted as per NTP	40.67		
At 33/66 kV	472.76	648.07	186.60	218.40	-152.07		35.93		
At 11 kV	481.84	658.15	186.60	218.40	-162.15		25.85		
At LT level	514.17	696.48	186.60	218.40	-200.48		-12.48		

For BRPL

Surcharge(S) for BRPL is calculated as follows:

Voltage Levels	X	X+D+R	Surcharge in Ps/unit					T-{C(1+L/100)+D+R}	
			Industrial	Non Domestic	Domestic	Railway	Public Utilities	DIAL	
T	in ps/unit	in ps/unit	953	1090	527	0	713	782	
Restricted@20%			190.6	218	105.4	0	142.6	156.4	
Above 66 kV	439.19	539.85	190.60	218.00	-12.85	Exempted as per NTP	142.60	156.40	
At 33/66 kV	444.52	632.18	190.60	218.00	-105.18		80.82	149.82	
At 11 kV	451.05	639.71	190.60	218.00	-112.71		73.29	142.29	
At LT level	494.47	692.13	190.60	218.00	-165.13		20.87	89.87	

For BYPL

Surcharge(S) is calculated as follows:

Voltage Levels	X	X+D+R	Surcharge in Ps/unit					T-{C(1+L/100)+D+R}	
			Industrial	Non Domestic	Domestic	Railway	Public Utilities		
T	in ps/unit	in ps/unit	932	1119	485	0	719		
Restricted@20%			186.4	223.8	97	0	143.8		
Above 66 kV	356.56	469.74	186.40	223.80	15.26	Exempted as per NTP	143.80		
At 33/66 kV	358.60	586.78	186.40	223.80	-101.78		132.22		
At 11 kV	364.32	594.50	186.40	223.80	-109.50		124.50		
At LT level	403.48	646.66	186.40	223.80	-161.66		72.34		

Note: DMRC & DJB covered under public Utilities

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Details of Cross Subsidy Surcharge calculated for FY 19-20

$$\text{Surcharge Formula(S)} = T - \{C / (1 - L / 100) + D + R\}$$

$$= T - (X + D + R)$$

where X = $C / (1 - L / 100)$, where C is weighted Avg. Unit Cost of Power purchase by Licensees including RPO

A)

Description	TPDDL	BRPL	BYPL
C (in Ps/unit)	458	429	348
Reference	As per table 4.19 of TO FY 19-20	As per table 4.17 of TO FY 19-20	As per table 4.18 of TO FY 19-20

B)

Description : Value of Constant L% & D in Ps/unit For TPDDL

Volatage Level	Wt. Avg. Transmission ,Dist. loss & wheeling losses in %	Aggregate of Transmission ,Distribution & Wheeling Loss (L) in %	Transmission Charges in Ps/unit	Aggregate of Transmission ,Distribution & Wheeling Charges (D) in Ps/unit
At STU	2.35	2.35	78.46	78.46
Above 66 Kv	0	2.35	85	163.46
At 33/66 Kv	0.79	3.12	86	164.46
At 11 kv	2.66	4.95	87	165.46
At LT Level	8.78	10.92	93	171.46
Reference	As per Table 4.35 & 5.11 of FY 19-20	As per Table 4.33, 5.10 & 5.14 of FY 19-20		

Annexure

6/25

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For BRPL

Volatage Level	Wt. Avg. Transmission ,Dist. Loss & wheeling losses in %	Aggregate of Transmission ,Distribution & Wheeling Loss (L) in %	Transmission Charges in Ps/unit	Aggregate of Transmission ,Distribution & Wheeling Charges (D) in Ps/unit
At STU	2.32	2.32	73.51	73.51
Above 66 Kv	0	2.32	0	73.51
At 33/66 KV	1.2	3.49	87	160.51
At 11 kv	2.63	4.89	88	161.51
At LT Level	11.18	13.24	97	170.51
Reference	As per Table 4.27,4.29 & 5.10 of FY 19-20			

For BYPL

Volatage Level	Wt. Avg. Transmission ,Dist. Loss & wheeling losses in %	Aggregate of Transmission ,Distribution & Wheeling Loss (L) in %	Transmission Charges in Ps/unit	Aggregate of Transmission ,Distribution & Wheeling Charges (D) in Ps/unit
At STU	2.40	2.40	79.49	79.49
Above 66 Kv	0	2.40	0	79.49
At 33/66 KV	0.57	2.96	115	194.49
At 11 kv	2.13	4.48	117	196.49
At LT Level	11.63	13.75	130	209.49
Reference	As per Table 4.32 & 5.11 of FY 19-20			
	As per Table 4.29 ,5.10& 5.14 of FY 19-20			

Description	TPDDL	BRPL	BYPL
Carrying Cost (in Ps/unit)(R)	10.85	27.15	33.69
Reference	As per table 4.61 & 5.10 of TO FY 19-20		
	As per table 4.53 & 4.29 of TO FY 19-20		
	As per table 5.9 & 4.32 of TO FY 19-20		

C)

42