



PUBLIC AWARENESS BULLETIN – 11

TARIFF SCHEDULE FY 2018-19



SAMPLE ELECTRICITY BILL FOR GROUP HOUSING SOCIETY & VOLTAGE DISCOUNT CALCULATION

A. SAMPLE ELECTRICITY BILL FOR GROUP HOUSING SOCIETY (GHS)

1. DISCOMs shall bill at 4.50 Rs./kWh and 150 Rs./kW/month to GHS and the sample Bill is as follows:

Bill Period	1-Apr-18	-	30-Apr-18
Sanctioned Load (kW)	2,000		
Consumption for Apr'18 (kWh)	3,00,000		

Sr. No.	Particulars	Amount (in Rs.)	Remarks
A	FIXED CHARGES	300,000	Rs.150/kW
B	ENERGY CHARGES	13,50,000	Rs. 4.50/kWh
C	SURCHARGE @ 8%	1,32,000	
Ca	Fixed Charges	24,000	A*8%
Cb	Energy Charges	1,08,000	B*8%
D	PENSION TRUST CHARGES @ 3.80%	62,700	
Da	Fixed Charges	11,400	A*3.80%
Db	Energy Charges	51,300	B*3.80%
E	VOLTAGE DISCOUNT @ 3% on 11 kV	-45,279	(B+Cb+Db)*3%
F	E-tax @ 5% on Energy Charges	70,636	(B+Cb+E)
G	ELECTRICITY BILL	18,70,057	(A+B+C+D+E+F)

2. GHS shall bill Energy charges to Individual members of the society as per the applicable Tariff slab for consumption in respective slabs of Domestic Consumers i.e., FY 2018-19 as follows:

Slabs (units)	Rate (Rs./kWh)	Consumption (kWh)	Energy Charge (Rs.)	Surcharges + E-duty (8%+3.80%+5%)	Total Energy Charges
0-200	3.00	80,000	2,40,000	40,320	2,80,320
201-400	4.50	80,000	3,60,000	60,480	4,20,480
401-800	6.50	1,00,000	6,50,000	1,09,200	7,59,200
801-1200	7.00	15,000	1,05,000	17,640	1,22,640
>1200	7.75	5,000	38,750	6,510	45,260
Common Area		15,000	67,500	11,340	78,840
Losses		5,000			
TOTAL		3,00,000	14,61,250	2,45,490	17,06,740

3. Any deficit/surplus in the Energy Charges (Rs. 1,72,083) i.e., difference between Energy Charges billed by DISCOM (Rs. 15,34,657= 13,50,000+1,08,000+51,300-45,279+70,636) and Energy Charges billed by GHS to its individual members (Rs. 17,06,740) may be adjusted against the Fixed Charges billed by the DISCOM.

4. The GHS shall bill the net Fixed Charges of Rs. 1,63,317 (Rs. 3,35,400 – Rs.1,72,083) based on the load of individual members of the society, if available, other-wise net Fixed Charges shall be billed to individual members of the society based on the total units consumed by individual members during the billing period, like:

Net Fixed Charges = Rs. 1,63,317

Number of Units billed by the Society = 2,95,000 kWh

Then, Fixed Charges per unit = (1,63,317/2,95,000) = Rs. 0.55/kWh.

Based on above, the Sample Bill of an individual member of the society having consumption of 800 kWh is as follows:

Sr. No.	Particulars	Amount (in Rs.)	Remarks
A	FIXED CHARGES	440	At the rate of Rs. 0.55/kWh
B	ENERGY CHARGES	4789	[200*3+200*4.5+400*6.5]*(1+8%+3.80%+5%)
C	ELECTRICITY BILL	5229	(A+B)

5. The GHS may charge an extra upto 2% of the bill amount to cover all it's expenses which is difference upto 5% additional charge as specified in the Tariff Schedule and upfront voltage discount of 3% provided by DISCOMs.

B. VOLTAGE DISCOUNT CALCULATION

1. Consumers availing supply on 11 kV, 33 kV/66 kV and 220 kV will be entitled for rebate of 3%, 4% and 5% respectively on the applicable Energy Charges. The sample calculation is as follows:

Category: Industrial
 Bill Period: 1-Apr-18 - 30-Apr-18
 Sanctioned Load (kVA): 200
 Consumption for Apr'18 (kWh): 40,000 (Power Factor as 1)
 (in Rs.)

Sr. No.	Particulars	Voltage Discount 3% @ 11kV	Voltage Discount 4% @ 33/66kV	Voltage Discount 5% @ 220kV	Remarks
A	FIXED CHARGES	50,000	50,000	50,000	Rs.250/kW
B	ENERGY CHARGES	2,90,000	2,90,000	2,90,000	Rs. 7.25/kVAh
C	SURCHARGE @ 8%	27,200	27,200	27,200	
Ca	Fixed Charges	4,000	4,000	4,000	A*8%
Cb	Energy Charges	23,200	23,200	23,200	B*8%
D	PENSION TRUST CHARGES @ 3.80%	12,920	12,920	12,920	
Da	Fixed Charges	1,900	1,900	1,900	A*3.80%
Db	Energy Charges	11,020	11,020	11,020	B*3.80%
E	VOLTAGE DISCOUNT	-9,727	-12,969	-16,211	(B+Cb+Db)*3% or 4% or 5%
F	E-tax@5% on Energy Charges	15,174	15,012	14,849	(B+Cb+E)
G	ELECTRICITY BILL	3,85,567	3,82,163	3,78,758	(A+B+C+D+E+F)

Issued In Public Interest by

DELHI ELECTRICITY REGULATORY COMMISSION

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