



# PUBLIC AWARENESS BULLETIN – 12

## Tariff Schedule FY 2019-20

### Sample Electricity Bill for the Group Housing Society

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

Billing period	01/10/2019 – 31/10/2019
Sanctioned Load to GHS (kW)	2,000
Consumption of the GHS (kWh)	300,000
Sanctioned load to individual members (kW)	3,000

**Table 1: Billing by DISCOM to the GHS Consumer**

S. No.	Particulars	Amount (Rs.)	Remarks
A	Fixed Charges	<b>300,000</b>	Rs. 150/kW
B	Energy Charges	<b>1,350,000</b>	Rs. 4.50/kWh
C	Power Purchase Adjustment Charges (Assumed @ 4.5%)	<b>74,250</b>	Ca+Cb
Ca	Fixed Charges	13,500	A*4.5%
Cb	Energy Charges	60,750	B*4.5%
D	Regulatory Surcharge @8%	<b>132,000</b>	Da+Db
Da	Fixed Charges	24,000	A*8%
Db	Energy Charges	108,000	B*8%
E	Pension Trust Charges @3.8%	<b>62,700</b>	Ea+Eb
Ea	Fixed Charges	11,400	A*3.8%
Eb	Energy Charges	51,300	B*3.8%
F	Voltage Discount @3% on 11kV	<b>(47,102)</b>	(B+Cb+Db+Eb)*3%
G	E-tax @ 5% on Energy Charges	<b>73,582</b>	(B+Cb+Db+F)*5%
H	<b>Electricity Bill</b>	<b>1,945,431</b>	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 slab of domestic consumers i.e. FY 2019-20 as follows:

**Table 2: Energy Charges to individual members by GHS**

Slabs (units)	Rate (Rs./kWh)	Consumption (kWh)	Energy Charge	PPAC @4.5%	Regulatory Surcharge @ 8%	P. Trust Surcharge @ 3.8%	Electricity Tax @5%	Total Energy Charges
A	B	C	D = B*C	E = D*4.5%	F = D*8%	G = D*3.8%	H = (D+E+F)*5%	I = D+E+F+G+H
<b>0-200</b>	3.00	80,000	240,000	10,800	19,200	9,120	13,500	292,620
<b>201-400</b>	4.50	80,000	360,000	16,200	28,800	13,680	20,250	438,930
<b>401-800</b>	6.50	100,000	650,000	29,250	52,000	24,700	36,563	792,513
<b>801-1200</b>	7.00	15,000	105,000	4,725	8,400	3,990	5,906	128,021
<b>&gt;1200</b>	8.00	5,000	40,000	1,800	3,200	1,520	2,250	48,770
<b>Common Area Losses</b>		15,000						
		5,000						
<b>Total</b>		300,000	1,395,000	62,775	111,600	53,010	78,469	1,700,854

3. It may be the case where the summation of the sanctioned load of the individual members is higher than the load sanctioned to the GHS at Single point delivery, the recovery of the fixed charges from the member shall be done as per the sanctioned load of the individual members.
4. Considering that the summation of individual members' sanctioned load is 3,000 kW and that there are two categories of sanctioned load at 4kW and 6kW and the common area load 100 kW, the fixed charges to be billed to all the individual members having the fixed charge at Rs.50/kW for 4kW sanctioned load and Rs. 100/kW for 6KW sanctioned load of the GHS in FY 2019-20 as follows:

**Table 3: Fixed charges to be recovered from the individual members**

S.No.	Particulars	UOM	Units			Remarks
A	Total Sanctioned Load of members and Common Area (kW)	kW	3,100			As per allocation to the individual members
B	Common area load (kW)	kW	100			
C	Members' allocated Load (kW)	kW	3,000			A-B
	<b>Individual Member's Sanctioned Load</b>		<b>4kW</b>	<b>6kW</b>	<b>Total</b>	
D	No. of Consumers		510	160	670	
E	Total Load		2,040	960	3,000	
F	Fixed Charges (Rs.)	Rs.	102,000 (50 x 2,040)	96,000 (100 x 960)	198,000	E * Fixed charge per kW
G	PPAC on fixed charges (4.5%)	Rs.	4,590	4,320	8,910	F*4.5%
H	Regulatory Surcharge 8%	Rs.	8,160	7,680	15,840	F*8%
I	Pension Trust Surcharge 3.8%	Rs.	3,876	3,648	7,524	F*3.8%
J	<b>Total Fixed charges</b>	Rs.	<b>118,626</b>	<b>111,648</b>	<b>230,274</b>	<b>F+G+H+I</b>

5. Accordingly, the total billing to the individual members for the month is as follows:

**Table 4: Total billing to the individual members**

Particulars	Amount (Rs.)
Energy Charges (refer Table 2)	1,700,854
Fixed Charges (refer Table 3)	230,274
<b>Total Charges</b>	<b>1,931,128</b>

6. The deficit or surplus in the charges recovered by the GHS from its individual members may be adjusted in the billing of the individual consumers on a pro-rata basis as per the consumption of electricity by the individual consumers. In this illustration above, the deficit is Rs. 14,303 (Rs. 1,945,431 – 1,931,128), which may be recovered from the consumers based on the electricity consumption of such individual members, i.e. over 280,000 kWh (3,00,000 – 15,000 – 5,000). Refer Table-2. Accordingly, the per unit charge comes to Rs. 0.05/kWh (i.e Rs. 14,303/280,000 kWh)
7. Based on the above, the sample bill of an individual member of the society having consumption of 400 kWh at 4kW or 6kW of sanctioned load are as follows:

**Table 5: Billing to the individual members**

S. No.	Particulars	Amount (Rs.)		Remarks
		4kW Connection	6kW Connection	
A	Fixed Charges	200	600	Rs. 50/kW for 4kW; Rs. 100/kW for 6kW
B	Energy Charges	1,500	1,500	3 Rs./kWh (200 kWh) 4.50 Rs./kWh (201-400 kWh)
C	Power Purchase Adjustment Charges (Assumed @ 4.5%)	77	95	Ca+Cb
Ca	Fixed Charges	9	27	A*4.5%
Cb	Energy Charges	68	68	B*4.5%
D	Regulatory Surcharge @8%	136	168	Da+Db
Da	Fixed Charges	16	48	A*8%
Db	Energy Charges	120	120	B*8%
E	Pension Trust Charges @3.8%	65	80	Ea+Eb
Ea	Fixed Charges	8	23	A*3.8%
Eb	Energy Charges	57	57	B*3.8%
F	E-tax @ 5% on Energy Charges	84	84	(B+Cb+Db)*5%
<b>G</b>	<b>Electricity Bill as per 1.1 of the Tariff Schedule</b>	<b>2,061</b>	<b>2,527</b>	A+B+C+D+E+F
H	Deficit to be recovered	20	20	0.05*400
I	Total Electricity Charges billed to consumer	<b>2,081</b>	<b>2,547</b>	G+H

*\* 4.5% is assumed PPAC, 8% is the Regulatory Surcharge, 3.8% is the Pension Trust Surcharge and 5% is the Electricity Tax/Duty*

8. The GHS may charge upto 5% of the bill amount to cover all it's expenses.
9. If the consumer is eligible for subsidy as per the GoNCTD Order No. F.11(111)/2012/Power/Vol-II/2098 dated 07.08.2019 or as may be amended from time to time, the provisions of applicable Tariff Schedule shall be considered (at present, it shall be limited to the amount billed as per clause 1.1 of the Tariff Schedule as per G in Table 5 above).
10. In case, if the GHS finds any difficulty in understanding of surcharges and its computation of the bill, the same may be referred to the respective Distribution Licensees.
11. This public Awareness Bulletin no. 12 shall supersede the earlier Public Awareness Bulletin no. 11.