

# Documentation

Learn how to use the electricity bill calculator and understand your bill

## ? How to check unit and load?

At the second row of the bill check for "Consumed Unit" and "S. Load".

POLE:

MD NAHIDUR RHOMAN					MONTH	BILL NO	CD	ISSUE DATE	
HOUSE 50 ROAD NO 07 DHUBOILE MIRPUR POST CODE-7030 KUSHTIA ZILA					SEP-21	54501	500	10/09/2019	
					LOCATION	BILL GROUP	BOOK	WORK ORDER	
					CQ/G8	300	105	5674	
					PRV. A/C NO	CUSTOMER NO.		LAST PAY DATE	
					50910	55465	25/09/19		

TARIFF	BS. TYPE	STATUS	CONN.ST	VALUE & RULE	METER NO	TYPE	COND	OMF	S.LOAD(KW)	CLOAD
H	G50	22	18	REG	587645095	01	00	1.000	3.00	3.00

PRESENT DATE	20/09/19	PRESENT RDG	22400	PRESENT RDG	
PERVIOUS DATE	20/08/19	PERVIOUS RDG	22000	PERVIOUS RDG	
OLD/CP METER UNIT	0	CONSUMED UNIT	400	CONSUMED UNIT	

CURRENT CHARGES	TAKA	ADJUSTMENT/ARREAR	TAKA
ELECTRICITY CHARGE	1150.00	ADJ. PRINCIPAL	0.67
DEMAND CHARGE	50.00	ADJ. L.P.S.	0.00
MINIMUM CHARGE	0.00	ADJ. VAT	0.00
SERVICE CHARGE	10.00		
METER CHARGE	0.00	ADV./ARR. PRINCIPAL	-0.97
BILL RE-PRINT CHARGE		CURR. & AMP; ARP L.P.S.	0.00
		ADV./ARR. VAT	0.00
PRINCIPAL AMOUNT	1210.00		
(5.0000%) VAT	50.00	VAT TOTAL	50.00
BILL MONTH TOTAL	1260.00	TOTAL AMOUNT TO BE PAID	1260.00
AMOUNT AFTER LAST PAY DATE	1260.00	TOTAL AMOUNT TO BE PAID AFTER LAST PAY DATE	1260.00

ARREAR DETAILS	MONTH	PRINCIPAL	L.P.S	VAY	TOTAL
	PAYMENT DETAILS				

Unit

Load

Unit

Load

## 📄 Understanding Your Bill

Your electricity bill in Bangladesh consists of three main components:

### Energy Charge

Based on the units (kWh) you consumed during the billing period

### Demand Charge

Fixed charge based on your sanctioned/connected load (kW)

### VAT (5%)

Government tax applied on the total of energy and demand charges

## Calculation Formula

$$\text{Total Bill} = \text{Energy Cost} + (\text{Demand} \times \text{Load}) + 5\% \text{ VAT}$$

### Example:

- 200 units consumed = ₳1,390 (tiered pricing)
- 1 kW load  $\times$  ₳42 = ₳42 demand charge
- Subtotal = ₳1,432
- With 5% VAT = ₳1,504 total

## Consumer Categories

### LT-A Residential

Homes, apartments, and domestic use. Uses tiered pricing based on consumption.

### LT-B Agricultural

Irrigation pumps and farming equipment. Flat rate of ₳5.25/unit.

### LT-C Industrial

Small industries and construction. Higher flat rates apply.

### LT-D Educational & Others

Schools, mosques, street lights, and battery charging stations.

### LT-E Commercial

Offices, shops, and commercial establishments. Flat rate of ₳13.01/unit.

## Voltage Levels (Tension)

Electricity rates vary based on the voltage level (Tension) of the connection. Verify your connection type from your bill.

- **Residential:** Standard 230V or 400V connection. Includes most residential and small commercial users.
- **MT:** 11kV connection. Typically for larger industries and commercial complexes.
- **HT:** 33kV connection. For heavy industries.
- **EHT:** 132kV or 230kV connection. For grid-level consumers.

### Important Notes

- Late payment fees may be added if bill is not paid by due date
- Meter rent and service charges may vary by distribution company
- Rates shown are effective from February 2024

For complete rate details, see the [Tariff Chart](#)