

Electricity Bill Savings From DC Devices

UDC

- Various studies show that fans and lights contribute over 50% to our home electricity bills
- Typically lighting load in each household is 2 Fans and 3 lights
- Energy efficient DC devices provided as part of Project UDC kit can reduce your power consumption upto 53%

AC BILL CALCULATION

	Normal AC Fan	Normal AC Tubelight	Incandescent Bulb
No. of devices	2	2	1
Power Consumption at Max. speed or intensity (Watts)	72	36	40
Average Per day usage (hrs)	11	5	3
AC units billed per month (kWh)	47.5	10.8	3.6
AC monthly bill @ Rs. 5/kWh	237.6	54.0	18.0
Total AC monthly bill (Rs.)		309.6	

DC BILL CALCULATION

	DC Fan	DC Tubelight	DC Bulb
No. of devices	2	2	1
Power Consumption at Max. speed or intensity (Watts)	30	18	5
Average Per day usage (hrs)	11	5	3
DC units billed per month (kWh)	23.1	5.4	0.5
DC monthly bill @ Rs. 5/kWh	115.5	27.0	2.3
Total DC monthly bill (Rs.)		144.8	
Monthly Bill Savings due to DC (Rs.)	122.1	27.0	15.8
Total Monthly Bill Savings due to DC (Rs.)		164.9	

Monthly Bill Savings Rs. 164.9 per month

Annual Bill Savings Rs. 1978.2 per year

Now more DC, more Savings 😊

Electricity Bill Savings by 53% ↓

The calculations above are only for illustrative purposes

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