

## POWER CONSUMPTION (AMMIL MICROFINANCE INSTITUTION)

ELECTRICAL POWER CONSUMPTION (ESTIMATED)		
S/N	Item	Rated Consumption(Wattage)
1	3 B/S Standing Fan @ 180 watts	540
2	14 S/S Standing Fan @ 70 watts	980
3	10 Complete Desktop Computers @ 320 watts	3200
4	6 Laptop Computers @ 80 watts	480
5	6 Printers at 300 watts	1800
6	25 S/S Bulbs @ 20 watts	500
7	25 B/S Bulbs @ 26 watts	650
8	30 Security Bulbs @ 10 watts	300
9	CCTV System @ 120 watts	120
10	1 POS @ 5 wats	5
11	1 32" Flat Screen TV @ 55 watts	55
12	1 Blower @ 500 watts	500
13	Cloud Switches, Local Switch and Routers @ 200 watts	200
14	1 Pumping Machine @ 1.5kw	1500
15	1 Projector @ 200 watts	200
	<b>TOTAL(Tolerance @470 watts)</b>	<b>11500</b>
ELECTRICAL POWER CONSUMPTION (PROJECTED)		
S/N	Item	Rated Consumption(Wattage)
1	2 Air Conditioners @ 1.5kw	540
2	Servers @ 2.5kw	2500
	<b>TOTAL</b>	<b>3040</b>

ELECTRICAL POWER CONSUMPTION (DAYTIME) (ESTIMATED)		
S/N	Item	Rated Consumption(Wattage)
1	3 B/S Standing Fan @ 180 watts	540
2	14 S/S Standing Fan @ 70 watts	980
3	10 Complete Desktop Computers @ 320 watts	3200
4	6 Laptop Computers @ 80 watts	480
5	6 Printers at 300 watts	1800
6	25 S/S Bulbs @ 20 watts	500
7	25 B/S Bulbs @ 26 watts	650
8	CCTV System @ 120 watts	120
9	1 POS @ 5 wats	5
10	1 32" Flat Screen TV @ 55 watts	55
11	1 Blower @ 500 watts	500
12	Cloud Switches, Local Switch and Routers @ 200 watts	200
13	1 Pumping Machine @ 1.5kw	1500
14	1 Projector @ 200 watts	200
	<b>TOTAL(Tolerance @470 watts)</b>	<b>11200</b>

**ELECTRICAL POWER CONSUMPTION (NIGHTTIME) (ESTIMATED)**

S/N	Item	Rated Consumption(Wattage)
1	Cloud Switches, Local Switch and Routers @ 200 watts	200
2	CCTV System @ 120 watts	120
3	30 Security Bulbs @ 10 watts	300
	TOTAL	620