

LOAD INVENTORY OF BANKI HUMANITARIAN HUBS

No.	Description	ESTIMATED LOAD SCHEDULE				CRITICAL LOAD SCHEDULE					
		Qty	Unit of Measure	Unit Power Rating (Watt)	Total Power Required (Watt)	Qty	Unit Power Rating (Watt)	Day Time		Night Time	
								Qty	Power Required (Watt)	Qty	Power Required (Watt)
ACCOMODATION BLOCKS A, B & C											
1	A/C UNIT	21	Nr	900	18,900	15	13,500	3	2,700	15	13,500
2	LIGHTING POINT	48	Nr	12	576	24	288	5	60	24	288
3	FANS	21	Nr	80	1,680	0	0	0	0	0	0
4	CHARGERS	21	Nr	18	378	15	270	5	90	15	270
	Sub-Total				21,534		14,058		2,850		14,058
OFFICE BLOCK											
1	A/C UNIT	2	Nr	1,850	3,700	2	3,700	2	3,700	0	0
2	LIGHTING POINT	16	Nr	12	192	6	72	6	72	0	0
3	FANS	2	Nr	150	300	0	0	0	0	0	0
4	PRINTERS	2	Nr	1,200	2,400	2	2,400	2	2,400	0	0
5	CHARGERS	15	Nr	18	270	5	90	5	90	0	0
6	PROJECTOR	1	Nr	750	750	0	0	0	0	0	0
8	Miscellaneous	1	Nr	100	100	0	0	0	0	0	0
	Sub-Total				7,712		6,262		6,262		0
MEETING/TRAINING BLOCK											
1	A/C UNITS	4	Nr	1,850	7,400	2	3,700	2	3,700	0	0
2	LIGHTING POINT	16	Nr	12	192	4	48	4	48	0	0
3	FANS	4	Nr	1,000	4,000	0	0	0	0	0	0
4	PROJECTOR	1	Nr	750	750	1	750	1	750	0	0
5	CHARGERS	30	Nr	18	540	0	0	0	0	0	0
6	UPS	1	Nr	1,000	1,000	1	1,000	1	1,000	0	0
7	REFRIGERATORS	4	Nr	750	3,000	2	1,500	2	1,500	4	3,000
8	WATER DISPENSERS	1	Nr	325	325	1	325	1	325	1	325
	Sub-Total				17,207		7,323		7,323		3,325
DINING BLOCK											
1	A/C UNIT	2	Nr	1,850	3,700	2	3,700	2	3,700	0	0
2	LIGHTING POINT	16	Nr	12	192	8	96	8	96	0	0
3	WATER DISPENSER	2	Nr	325	650	2	650	2	650	2	650
4	FOOD WARMERS	2	Nr	1,500	3,000	2	3,000	2	3,000	0	0
5	WATER BOILER	1	Nr	1,500	1,500	1	1,500	1	1,500	0	0
6	MICROWAVE	1	Nr	2,500	2,500	0	0	0	0	0	0
7	FANS	1	Nr	1,000	1,000	0	0	0	0	0	0
	Sub-Total				12,542		8,946		8,946		650
KITCHEN											
1	A/C UNIT	1	Nr	750	750	1	750	1	750	0	0
2	FANS	2	Nr	80	160	0	0	0	0	0	0
3	ELECTRIC HOT PLATE	2	Nr	2,000	4,000	2	4,000	2	4,000	0	0
4	ELECTRIC BLENDER	1	Nr	80	80	2	160	2	160	0	0
5	MISCELLANEOUS	1	Nr	100	100	0	0	0	0	0	0
	Sub-Total				5,090		4,910		4,910		0
LAUNDRY ROOM											
1	WASHING MACHINE	2	Nr	1,000	2,000	1	1,000	1	1,000	0	0
2	DRYER MACHINE	1	Nr	2,500	2,500	0	0	0	0	0	0
3	FANS	1	Nr	80	80	0	0	0	0	0	0
4	IRONS	2	Nr	1,000	2,000	1	1,000	1	1,000	0	0
5	LIGHTING	8	Nr	12	96	4	48	4	48	0	0
	Sub-Total				6,676		2,048		2,048		0

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								Qty	Power Required (Watt)	Qty	Power Required (Watt)
TOILET/SHOWER BLOCKS											
1	WATER HEATER	8	Nr	1,000	8,000	2	2,000	2	2,000	2	2,000
2	LIGHTING POINT	20	Nr	12	240	20	240	0	0	20	240
	Sub-Total				8,240		2,240		2,000		2,240
GAZEBO											
1	FANS	6	Nr	80	480	3	240	3	240	1	80
2	LIGHTING POINT	20	Nr	12	240	10	120	0	0	5	60
3	CHARGER	30	Nr	18	540	15	270	15	270	5	90
4	WATER PUMP	3	Nr	750	2,250	3	2,250	2	1,500	2	1,500
5	SUBMERSIBLE PUMP	3	Nr	1,500	4,500	3	4,500	2	3,000	2	3,000
	Sub-Total				8,010		7,380		5,010		4,730
SECURITY GUARD HOUSE (MAIN ENTRANCE & MOPOL CONTAINERS)											
1	A/C UNIT	4	Nr	1,500	6,000	4	6,000	4	6,000	4	6,000
2	WATER DISPENSER	7	Nr	325	2,275	4	1,300	4	1,300	4	1,300
3	LIGHTING POINT	21	Nr	12	252	12	144	4	48	12	144
4	SECURITY LIGHT	40	Nr	100	4,000	20	2,000	0	0	20	2,000
5	FANS	8	Nr	80	640	8	640	8	640	8	640
	Sub-Total				13,167		10,084		7,988		10,084
HUB EXTENSION AREA											
1	A/C UNIT	18	Nr	1,900	34,200	12	22,800	6	11,400	12	22,800
2	FANS	5	Nr	120	600	0	0	0	0	0	0
3	FANS	90	Nr	40	3,600	0	0	0	0	0	0
4	LIGHTING	90	Nr	55	4,950	40	2,200	0	0	40	2,200
5	LIGHTING	120	Nr	25	3,000	60	1,500	0	0	60	1,500
	Sub-Total				46,350		26,500		11,400		26,500
TOTAL LOAD IN WATTS					146,528		89,751		22,800		53,000