

LOAD INVENTORY OF DIKWA HUMANITARIAN HUB

No.	Description	ESTIMATED LOAD SCHEDULE				CRITICAL LOAD SCHEDULE					
		Qty	Unit of Measure	Unit Power Rating (Watt)	Total Power Required (Watt)	Qty	Power Required (Watt)	Day Time		Night Time	
								Qty	Power Required (Watt)	Qty	Power Required (Watt)
ACCOMODATION BLOCKS A, B & C											
1	A/C UNIT	24	Nr	900	21,600	2	1,800	3	2,700	10	9,000
2	LIGHTING POINT	35	Nr	12	420	0	0	5	60	20	240
3	WATER DISPENSER	3	Nr	325	975	3	975	3	975	3	975
4	FANS	21	Nr	80	1,680	2	160	0	0	0	0
5	SECURITY LIGHT	12	Nr	100	1,200	0	0	0	0	5	500
6	CHARGERS	21	Nr	18	378	2	36	5	90	5	90
	Sub-Total				26,253		2,971		3,825		10,805
OFFICE BLOCK											
1	A/C UNIT	4	Nr	1,200	4,800	1	1,200	2	2,400	0	0
2	LIGHTING POINT	6	Nr	12	72	2	24	6	72	0	0
3	FANS	2	Nr	150	300	2	300	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	1	750	0	0	0	0
8	MISCELLANEOUS	5	Nr	100	500	1	100	0	0	0	0
	Sub-Total				9,092		4,864		4,962		0
MEETING/TRAINING BLOCK											
1	A/C UNITS	4	Nr	1200	4,800	2	2,400	2	2,400	0	0
2	LIGHTING POINT	16	Nr	12	192	4	48	4	48	0	0
3	FANS	4	Nr	1000	4,000	2	2,000	0	0	0	0
4	PROJECTOR	1	Nr	750	750	1	750	1	750	0	0
5	CHARGES	30	Nr	18	540	5	90	0	0	0	0
6	UPS	1	Nr	1000	1,000	1	1,000	1	1,000	0	0
7	REFRIGIRATORS	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				14,607		8,113		6,023		3,325
DINING BLOCK											
1	A/C UNIT	4	Nr	1,800	7,200	1	1,800	2	3,600	0	0
2	LIGHTING POINT	16	Nr	12	192	5	60	2	24	0	0
3	WATER DISPENSER	2	Nr	325	650	1	325	2	650	2	650
4	FOOD WARMERS	2	Nr	1,500	3,000	0	0	0	0	0	0
5	WATER BOILTER	1	Nr	1,500	1,500	1	1,500	0	0	0	0
6	MICROWAVE	1	Nr	2,500	2,500	1	2,500	0	0	0	0
7	FANS	1	Nr	1,000	1,000	1	1,000	0	0	0	0
	Sub-Total				16,042		7,185		4,274		650
KITCHEN											
1	A/C UNIT	1	Nr	900	900	1	900	1	900	0	0
2	FANS	2	Nr	80	160	2	160	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	1	80	2	160	0	0
5	MISCELLANEOUS	1	Nr	200	200	1	200	0	0	0	0
	Sub-Total				5,340		5,340		5,060		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	1	2,500	0	0	0	0
3	FANS	1	Nr	200	200	1	200	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	0	0	4	48	2	24
	Sub-Total				6,796		4,700		2,048		24
TOILET/SHOWER BLOCKS											
1	WATER HEATER	6	Nr	1,000	6,000	2	2,000	2	2,000	2	2,000
2	LIGHTING POINT	20	Nr	12	240	2	24	0	0	10	120
	Sub-Total				6,240		2,024		2,000		2,120
GAZEBO											
1	FANS	2	Nr	300	600	2	600	3	900	1	300
2	LIGHTING POINT	5	Nr	12	60	0	0	0	0	2	24

3	CHARGER	30	Nr	18	540	5	90	15	270	2	36
	Sub-Total				1,200		690		1,170		360
SECURITY GUARD HOUSE (MAIN ENTRANCE & MOPOL CONTAINERS)											
1	A/C UNIT	5	Nr	1,200	6,000	2	2,400	4	4,800	4	4,800
2	WATER DISPENSER	7	Nr	325	2,275	4	1,300	4	1,300	4	1,300
3	LIGHTING POINT	21	Nr	12	252	0	0	4	48	10	120
4	SECURITY LIGHT	20	Nr	100	2,000	0	0	0	0	20	2,000
5	FANS	8	Nr	80	640	8	640	8	640	8	640
	Sub-Total				11,167		4,340		6,788		8,860
ADMINISTRATION/RADIO ROOM											
1	A/C UNIT	1	Nr	1,500	1,500	1	1,500	1	1,500	1	1,500
2	WATER HEATER	1	Nr	1,000	1,000	1	1,000	0	0	0	0
3	WATER PUMP	2	Nr	900	1,800	2	1,800	1	900	1	900
4	SUBMERSIBLE PUMP	1	Nr	2,500	2,500	1	2,500	1	2,500	1	2,500
1	ETS A/C UNIT	2	Nr	1,500	3,000	2	3,000	1	1,500	1	1,500
2	ETS RADIO EQUIPMEN	1	Nr	2,000	2,000	1	2,000	1	2,000	1	2,000
3	ETS VSAT EQUIPMENT	2	Nr	2,500	5,000	2	5,000	1	2,500	1	2,500
4	ETS LIGTHING	2	Nr	100	200	2	200	1	100	1	100
5	MISCELLANEOUS	1	Nr	2,500	2,500	1	2,500	0	0	0	0
	Sub-Total				19,500		19,500		11,000		11,000
TOTAL LOAD IN WATTS					116,237		59,727		47,150		37,144