

LOAD SURVEY FOR BASEMENT B1 MEETING ROOMS AT MARRIOTT HOTEL-Priority A

Panels	Survey Date	L1	L2	L3	N	Total power (Watts)	Total(VA)	Limit of run 45%	Plus 30% security	Proposed UPS capacity	Revised UPS capacity
								(VA)			
MRP	7/27/2024	1.3	0.77	0.3	1.68						
	8/1/2024	1.51	1.33	10.76	9.85	2,502.40	3,128.00	6,951.11	9,036.44		
MRL	7/27/2024	5.31	6.49	6.3	9.51						
	8/1/2024	5.68	8.24	6.6	10.52	3,775.68	4,719.60	10,488.00	13,634.40		
10KVA UPS 1	8/1/2024	3.37	3.34	3.17	1.76	1,817.92	2,272.40	5,049.78	6,564.71		
10KVA UPS 2	8/1/2024	4.17	4.2	4.04	2.35	2,283.44	2,854.30	6,342.89	8,245.76		
MAV	7/27/2024		0.12	3.3		1,821.60	2,277.00	5,060.00	6,578.00		
	8/1/2024	0.76	3.27	0.04	3.16						
TOTAL CURRENT		18.03	20.41	27.87	27.64	12,201.04	15,251	33,891.78	44,059.31	60KVA + 30 min @ Full load	80KVA + 30 min @ Full load

LOAD SURVEY FOR KILIMANJARO AT MARRIOTT HOTEL-Priority A

Panels	Survey Date	L1	L2	L3	N	Total power (Watts)	Total(VA)	Limit of run 45%	Plus 30% security	Proposed UPS capacity	Revised UPS capacity
								(VA)			
FUP	7/27/2024	0.30	0.60	6.10	6.07	1,288.00	1,610.00	3,577.78	4,651.11		
	8/1/2024	0.20	0.07	0.31	0.54						
FUL	7/27/2024	7.02	5.8	5.9	11.25	3,786.72	4,733.40	10,518.67	13,674.27		
	8/1/2024	6.46	5.77	7.76	8.26						
FUH	7/27/2024	0.2	0	0	0	2,511.60	3,139.50	6,976.67	9,069.67		
	8/1/2024	13.00	0.30	0.35	13.02						
Existing UPS- 22KVA	8/1/2024	3.05	1.97	0.45	1.94	1,006.48	1,258.10	2,795.78	3,634.51		
Panel near DCP 1.7	7/27/2024	0	0	0	0	-	-	-	-		
	8/1/2024	0.36	0.21	0.23	1.91	147.2	184	408.89	531.56		
TOTAL CURRENT		23.73	8.88	14.89	34.19	8,740.00	10,925	24,277.78	31,561.11	40KVA + 30 min @ Full load	60KVA + 30 min @ Full load