

BOARD: MSBA									
VOLT : 208Y120V 3 PHASE, 4 WIRE									
BUS : 4000 AMP									
MAIN : 4000A, 3P									
FED FROM : SERVICE									
NEW SURFACE MOUNTED 65 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	220243	VA	176194	VA	2622	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		120740	VA	231489	VA	2563	TOTAL DESIGN KVA		
M-MOTOR LOADS		22130	VA	22130	VA	3154	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	24 AT 65% =	15829	VA	24362	VA	6	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		2184409	VA	2184409	VA	3089	TOTAL DESIGN AMPS		

BOARD: MSB1									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 2500 AMP									
MAIN : 2500A, 3P									
FED FROM : SERVICE									
NEW SURFACE MOUNTED 65 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	0	VA	0	VA	1790	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		7740	VA	7740	VA	1788	TOTAL DESIGN KVA		
M-MOTOR LOADS		1611318	VA	1611318	VA	2153	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	72	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		169379	VA	169379	VA	2223	TOTAL DESIGN AMPS		

BOARD: MSDBA									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 1000 AMP									
MAIN : LUGS ONLY									
FED FROM : MSBA AND EMSA									
NEW SURFACE MOUNTED 65 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	36138	VA	28910	VA	645	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		10340	VA	11860	VA	651	TOTAL DESIGN KVA		
M-MOTOR LOADS		8716	VA	8716	VA	778	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	6	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		595378	VA	595378	VA	789	TOTAL DESIGN AMPS		

BOARD: MSDB1									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 1000 AMP									
MAIN : LUGS ONLY									
FED FROM : EMSA									
NEW SURFACE MOUNTED 65 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	0	VA	0	VA	706	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		1800	VA	1800	VA	705	TOTAL DESIGN KVA		
M-MOTOR LOADS		565074	VA	565074	VA	849	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	10	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		138023	VA	138023	VA	858	TOTAL DESIGN AMPS		

BOARD: EMSA									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 2000 AMP									
MAIN : LUGS ONLY									
FED FROM : GENERATOR									
NEW SURFACE MOUNTED 22 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	56624	VA	45299	VA	6%	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		12020	VA	14040	VA	1366	TOTAL DESIGN KVA		
M-MOTOR LOADS		573792	VA	573792	VA	1658	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	10	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		743838	VA	743838	VA	1677	TOTAL DESIGN AMPS		

BOARD: RSDB									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 800 AMP									
MAIN : 800A, 3P									
FED FROM : MSDB1									
NEW SURFACE MOUNTED 42 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	0	VA	0	VA	555	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		0	VA	0	VA	554	TOTAL DESIGN KVA		
M-MOTOR LOADS		553602	VA	553602	VA	668	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	10	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		0	VA	0	VA	676	TOTAL DESIGN AMPS		

LOSS OF NORMAL POWER CONDITION

BOARD: EMSA									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 2000 AMP									
MAIN : LUGS ONLY									
FED FROM : GENERATOR									
NEW SURFACE MOUNTED 22 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	30385	VA	24308	VA	10%	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		9720	VA	9720	VA	1023	TOTAL DESIGN KVA		
M-MOTOR LOADS		354843	VA	354843	VA	1231	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	5	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		833418	VA	833418	VA	1242	TOTAL DESIGN AMPS		

LOSS OF NORMAL POWER CONDITION

BOARD: RSDB									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 800 AMP									
MAIN : 800A, 3P									
FED FROM : MSDB1									
NEW SURFACE MOUNTED 42 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	0	VA	0	VA	339	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		0	VA	0	VA	337	TOTAL DESIGN KVA		
M-MOTOR LOADS		337479	VA	337479	VA	407	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	5	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		0	VA	0	VA	411	TOTAL DESIGN AMPS		

LOSS OF NORMAL POWER CONDITION

BOARD: MSDB1									
VOLT : 480Y277V 3 PHASE, 4 WIRE									
BUS : 1000 AMP									
MAIN : LUGS ONLY									
FED FROM : EMSA									
NEW SURFACE MOUNTED 65 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	0	VA	0	VA	486	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		1800	VA	1800	VA	485	TOTAL DESIGN KVA		
M-MOTOR LOADS		346125	VA	346125	VA	585	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	5	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		137193	VA	137193	VA	589	TOTAL DESIGN AMPS		

BOARD: BDB									
VOLT : 208Y120V 3 PHASE, 4 WIRE									
BUS : 800 AMP									
MAIN : LUGS ONLY									
FED FROM : MSBA									
NEW SURFACE MOUNTED 22 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	345	VA	276	VA	220	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		31280	VA	52560	VA	189	TOTAL DESIGN KVA		
M-MOTOR LOADS		0	VA	0	VA	610	TOTAL CONNECTED AMPS		
K-KITCHEN RECEPTACLES	0 AT 100% =	0	VA	0	VA	0	25% OF LARGEST MOTOR AMPS		
ALL OTHER LOADS		167088	VA	167088	VA	552	TOTAL DESIGN AMPS		

BOARD: 1DB									
VOLT : 208Y120V 3 PHASE, 4 WIRE									
BUS : 1000 AMP									
MAIN : LUGS ONLY									
FED FROM : MSBA									
NEW SURFACE MOUNTED 22 KAIC RATING NEMA 1 ENCLOSURE									
KEY	DEMAND	DESIGN	CONNECTED						
L-GENERAL LIGHTING LOAD	125%	500	VA	400	VA	247	TOTAL CONNECTED KVA		
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		19760	VA	29520	VA	254	TOTAL DESIGN KVA		