

## LOAD SUMMARY

### JACKSON BARRACKS

PANEL: MDB  
 DATE: 4/22/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

### 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 1619261  
 TOTAL CONNECTED LOAD (A): 1948  
 TOTAL CALCULATED LOAD (VA): 1619261  
 TOTAL CALCULATED LOAD (A): 1948

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	HD3	N	N	377636	1.00	377636	377636
1	4	HL2	N	N	272500	1.00	272500	272500
1	5	XFMR (LD2)	N	N	81460	1.00	81460	81460
1	6	ATS	N	N	733603.25	1.00	733603.25	733603.25
1	7	HD-MECH	N	N	154061.25	1.00	154061.25	154061.25
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

## LOAD SUMMARY

### JACKSON BARRACKS

PANEL: HD-MECH

DATE: 4/21/2006

VOLTAGE: 480Y/277

PHASE: 3

### 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 118053

TOTAL CONNECTED LOAD (A): 142

TOTAL CALCULATED LOAD (VA): 154061

TOTAL CALCULATED LOAD (A): 185

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	MOTOR	Y	N	97269	1.00	97269	121586.25
1	4	LARGEST MOTOR	Y	Y	20784	1.00	20784	32475
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

## LOAD SUMMARY

### JACKSON BARRACKS

PANEL: HD-3  
 DATE: 4/21/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

### 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 370154  
 TOTAL CONNECTED LOAD (A): 445  
 TOTAL CALCULATED LOAD (VA): 377636  
 TOTAL CALCULATED LOAD (A): 454

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	MOTOR	N	N	22446	1.00	22446	22446
1	4	LARGEST MOTOR	N	Y	29928	1.00	29928	37410
1	5	SUB PANEL	N	N	317780	1.00	317780	317780
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: HL2  
 DATE: 4/21/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 254400  
 TOTAL CONNECTED LOAD (A): 306  
 TOTAL CALCULATED LOAD (VA): 272500  
 TOTAL CALCULATED LOAD (A): 328

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	72400	1.00	72400	90500
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	VAV	N	N	76000	1.00	76000	76000
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	VAV	N	N	106000	1.00	106000	106000
2	4	0			0	1.00	0	0
2	5	0			0	1.00	0	0
2	6	0			0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: HL-3  
 DATE: 4/21/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 213500  
 TOTAL CONNECTED LOAD (A): 257  
 TOTAL CALCULATED LOAD (VA): 222625  
 TOTAL CALCULATED LOAD (A): 268

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	36500	1.00	36500	45625
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	VAV	N	N	0	1.00	0	0
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	VAV	N	N	177000	1.00	177000	177000
2	4	0			0	1.00	0	0
2	5	0			0	1.00	0	0
2	6	0			0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: LD2  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 81460  
 TOTAL CONNECTED LOAD (A): 226  
 TOTAL CALCULATED LOAD (VA): 81460  
 TOTAL CALCULATED LOAD (A): 226

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	LL1	N	N	50710	1.00	50710	50710
1	4	LL2	N	N	30750	1.00	30750	30750
1	5	0			0	1.00	0	0
1	6	CONT LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: LL1  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 70720  
 TOTAL CONNECTED LOAD (A): 196  
 TOTAL CALCULATED LOAD (VA): 50710  
 TOTAL CALCULATED LOAD (A): 141

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	10000	1.00	10000	10000
ALL	2	RECEPTACLES (>10KVA)	N	N	33720	0.50	16860	16860
1	3	REF / APPL			9000	0.65	5850	5850
1	4	0			0	1.00	0	0
1	5	PROJ / MTRZD SCRNS	N	N	12000	1.00	12000	12000
1	6	CONT LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	0			0	1.00	0	0
2	4	0			0	1.00	0	0
2	5	PROJ / MTRZD SCRNS	N	N	6000	1.00	6000	6000
2	6	0			0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: LL2  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 50000  
 TOTAL CONNECTED LOAD (A): 139  
 TOTAL CALCULATED LOAD (VA): 30750  
 TOTAL CALCULATED LOAD (A): 85

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	1000	1.00	1000	1250
ALL	2	RECEPTACLES (<=10KVA)	N	N	10000	1.00	10000	10000
ALL	2	RECEPTACLES (>10KVA)	N	N	39000	0.50	19500	19500
1	3	0			0	1.00	0	0
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	CONT. LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	0			0	1.00	0	0
2	4	0			0	1.00	0	0
2	5	0			0	1.00	0	0
2	6	0			0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: LL3A  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 77080  
 TOTAL CONNECTED LOAD (A): 214  
 TOTAL CALCULATED LOAD (VA): 47515  
 TOTAL CALCULATED LOAD (A): 132

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	1000	1.00	1000	1250
ALL	2	RECEPTACLES (<=10KVA)	N	N	10000	1.00	10000	10000
ALL	2	RECEPTACLES (>10KVA)	N	N	48080	0.50	24040	24040
1	3	REF / APPL	N	N	6000	0.65	3900	3900
1	4	REPRO	N	N	4500	0.65	2925	2925
1	5	0			0	1.00	0	0
1	6	CONT. LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	REF / APPL	N	N	6000	0.65	3900	3900
2	4	REPRO	N	N	1500	1.00	1500	1500
2	5	0			0	1.00	0	0
2	6	CONT. LOAD	Y	N	0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: LL3B  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 76880  
 TOTAL CONNECTED LOAD (A): 213  
 TOTAL CALCULATED LOAD (VA): 47640  
 TOTAL CALCULATED LOAD (A): 132

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	1000	1.00	1000	1250
ALL	2	RECEPTACLES (<=10KVA)	N	N	10000	1.00	10000	10000
ALL	2	RECEPTACLES (>10KVA)	N	N	46380	0.50	23190	23190
1	3	REF / APPL	N		6000	0.65	3900	3900
1	4	REPRO	N		4500	0.65	2925	2925
1	5	0			0	1.00	0	0
1	6	CONT. LOAD	Y		0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	REF / APPL	N		7500	0.65	4875	4875
2	4	REPRO	N		1500	1.00	1500	1500
2	5	0			0	1.00	0	0
2	6	CONT. LOAD	Y		0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

## LOAD SUMMARY

**JACKSON BARRACKS**

PANEL: EHDP  
 DATE: 4/22/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

**1474**

TOTAL CONNECTED LOAD (VA): 684968  
 TOTAL CONNECTED LOAD (A): 824  
 TOTAL CALCULATED LOAD (VA): 733603  
 TOTAL CALCULATED LOAD (A): 882

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	CU	Y	N	74823	1.00	74823	93528.75
1	4	ELEV	N	N	86400	1.00	86400	86400
1	5	SUB PANEL	N	N	464219	1.00	464219	464219
1	6	DWP	N	N	6318	1.00	6318	6318
1	7	ERV	Y	Y	53208	1.00	53208	83137.5
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

## LOAD SUMMARY

### JACKSON BARRACKS

PANEL: EHD4  
 DATE: 4/22/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

**1474**

TOTAL CONNECTED LOAD (VA): 360459  
 TOTAL CONNECTED LOAD (A): 434  
 TOTAL CALCULATED LOAD (VA): 360459  
 TOTAL CALCULATED LOAD (A): 434

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	MOTOR	N	N	20784	1.00	20784	20784
1	4	ELEV?	N	N	43200	1.00	43200	43200
1	5	SUB PANEL	N	N	226635	1.00	226635	226635
1	6	ATRIUM EX FAN	N	N	69840	1.00	69840	69840
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

## LOAD SUMMARY

### JACKSON BARRACKS

PANEL: EHD-ELEV

DATE: 4/21/2006

VOLTAGE: 480Y/277

PHASE: 3

TOTAL CONNECTED LOAD (VA): 86400

TOTAL CONNECTED LOAD (A): 104

TOTAL CALCULATED LOAD (VA): 97200

TOTAL CALCULATED LOAD (A): 117

**1474**

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	PASS ELEV (HP?)	N	Y	43200	1.00	43200	54000
1	4	EQUIP LIFT (HP?)	N	N	43200	1.00	43200	43200
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: EHL2  
 DATE: 4/21/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 31260  
 TOTAL CONNECTED LOAD (A): 38  
 TOTAL CALCULATED LOAD (VA): 39075  
 TOTAL CALCULATED LOAD (A): 47

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	31260	1.00	31260	39075
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	VAV	N	N	0	1.00	0	0
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: EHL3  
 DATE: 4/21/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 7500  
 TOTAL CONNECTED LOAD (A): 9  
 TOTAL CALCULATED LOAD (VA): 9375  
 TOTAL CALCULATED LOAD (A): 11

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	7500	1.00	7500	9375
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	VAV	N	N	0	1.00	0	0
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: **EHL-4**  
 DATE: 4/22/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3 ✓

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 175000  
 TOTAL CONNECTED LOAD (A): 210  
 TOTAL CALCULATED LOAD (VA): 180350  
 TOTAL CALCULATED LOAD (A): 217

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	21400	1.00	21400	26750
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	VAV	N	N	64000	1.00	64000	64000
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	ELEC HEAT	N	N	89600	1.00	89600	89600
2	4	0			0	1.00	0	0
2	5	0			0	1.00	0	0
2	6	0			0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0
3	3	0			0	1.00	0	0
3	4	0			0	1.00	0	0
3	5	0			0	1.00	0	0
3	6	0			0	1.00	0	0
3	7	0			0	1.00	0	0
3	8	0			0	1.00	0	0
3	9	0			0	1.00	0	0
3	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: ELD2  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 54410  
 TOTAL CONNECTED LOAD (A): 151  
 TOTAL CALCULATED LOAD (VA): 54410  
 TOTAL CALCULATED LOAD (A): 151

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	ELL2	N	N	44630	1.00	44630	44630
1	4	ELL3	N	N	9780	1.00	9780	9780
1	5	0			0	1.00	0	0
1	6	CONT LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: ELL2  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 65460  
 TOTAL CONNECTED LOAD (A): 182  
 TOTAL CALCULATED LOAD (VA): 45080  
 TOTAL CALCULATED LOAD (A): 125

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	10000	1.00	10000	10000
ALL	2	RECEPTACLES (>10KVA)	N	N	41660	0.50	20830	20830
1	3	0			0	1.00	0	0
1	4	AUTO DOORS	N	N	3000	1.00	3000	3000
1	5	PROJ / MTRZ SCRNS	N	N	6000	1.00	6000	6000
1	6	CONT LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	0			0	1.00	0	0
2	4	0			0	1.00	0	0
2	5	MTRZD SHUTTER	N	N	3000	1.00	3000	3000
2	6	CONT LOAD	Y	N	1800	1.00	1800	2250
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: ELL3  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 9780  
 TOTAL CONNECTED LOAD (A): 27  
 TOTAL CALCULATED LOAD (VA): 10230  
 TOTAL CALCULATED LOAD (A): 28

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	7980	1.00	7980	7980
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	0			0	1.00	0	0
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	CONT LOAD	Y	N	1800	1.00	1800	2250
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: ELL4  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 70420  
 TOTAL CONNECTED LOAD (A): 195  
 TOTAL CALCULATED LOAD (VA): 46285  
 TOTAL CALCULATED LOAD (A): 128

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	1000	1.00	1000	1250
ALL	2	RECEPTACLES (<=10KVA)	N	N	10000	1.00	10000	10000
ALL	2	RECEPTACLES (>10KVA)	N	N	43620	0.50	21810	21810
1	3	REF / APPL	N	N	1500	1.00	1500	1500
1	4	REPRO	N	N	3000	1.00	3000	3000
1	5	0			0	1.00	0	0
1	6	CONTIN LOAD	Y	N	1800	1.00	1800	2250
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	REF / APPL	N	N	9000	0.65	5850	5850
2	4	REPRO	N	N	0	1.00	0	0
2	5	0			0	1.00	0	0
2	6	CONTIN LOAD	Y	N	500	1.00	500	625
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0

## LOAD SUMMARY

### JACKSON BARRACKS

PANEL: MDBCP

DATE: 4/21/2006

VOLTAGE: 480Y/277

PHASE: 3

### 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 1788418

TOTAL CONNECTED LOAD (A): 2151

TOTAL CALCULATED LOAD (VA): 1869478

TOTAL CALCULATED LOAD (A): 2249

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	0	N	N	0	1.00	0	0
1	4	CHILLER	N	N	972720	1.00	972720	972720
1	5	CHILLER (LGST)	N	Y	324240	1.00	324240	405300
1	6	PUMP	N	N	287652	1.00	287652	287652
1	7	CT	N	N	121800	1.00	121800	121800
1	8	SUB PANEL	N	N	42100	1.00	42100	42100
1	9	PUMP	N	N	39906	1.00	39906	39906

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: HLCP  
 DATE: 4/21/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 14800  
 TOTAL CONNECTED LOAD (A): 18  
 TOTAL CALCULATED LOAD (VA): 16300  
 TOTAL CALCULATED LOAD (A): 20

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	6000	1.00	6000	7500
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	SUB PANEL	N	N	8800	1.00	8800	8800
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0
2	3	0			0	1.00	0	0
2	4	0			0	1.00	0	0
2	5	0			0	1.00	0	0
2	6	0			0	1.00	0	0
2	7	0			0	1.00	0	0
2	8	0			0	1.00	0	0
2	9	0			0	1.00	0	0
2	10	0			0	1.00	0	0
3	3	0			0	1.00	0	0
3	4	0			0	1.00	0	0
3	5	0			0	1.00	0	0
3	6	0			0	1.00	0	0
3	7	0			0	1.00	0	0
3	8	0			0	1.00	0	0
3	9	0			0	1.00	0	0
3	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: LLCP  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 8800  
 TOTAL CONNECTED LOAD (A): 24  
 TOTAL CALCULATED LOAD (VA): 9300  
 TOTAL CALCULATED LOAD (A): 26

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	6800	1.00	6800	6800
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	FCU	Y	N	2000	1.00	2000	2500
1	4	0			0	1.00	0	0
1	5	0			0	1.00	0	0
1	6	CONT LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: EHLCP  
 DATE: 4/21/2006  
 VOLTAGE: 480Y/277  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 30900  
 TOTAL CONNECTED LOAD (A): 37  
 TOTAL CALCULATED LOAD (VA): 20200  
 TOTAL CALCULATED LOAD (A): 24

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	2000	1.00	2000	2500
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	SUB PANEL	N	N	6500	1.00	6500	6500
1	4	ELEC HEAT	N	N	22400	0.50	11200	11200
1	5	0			0	1.00	0	0
1	6	0			0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0

# LOAD SUMMARY

## JACKSON BARRACKS

PANEL: ELLCP  
 DATE: 4/21/2006  
 VOLTAGE: 208Y/120  
 PHASE: 3

## 141 READINESS CENTER

TOTAL CONNECTED LOAD (VA): 6500  
 TOTAL CONNECTED LOAD (A): 18  
 TOTAL CALCULATED LOAD (VA): 7000  
 TOTAL CALCULATED LOAD (A): 19

SECTION	LOAD	DESCRIPTION	CONTINUOUS (Y/N)	LARGEST MOTOR LOAD (Y/N)	CONNECTED LOAD	DIVERSITY	DEMAND	CALCULATED VA
ALL	1	LIGHTING	Y	N	0	1.00	0	0
ALL	2	RECEPTACLES (<=10KVA)	N	N	0	1.00	0	0
ALL	2	RECEPTACLES (>10KVA)	N	N	0	0.50	0	0
1	3	EX FAN	Y	N	2000	1.00	2000	2500
1	4	ELEC HEAT	N	N	4500	1.00	4500	4500
1	5	0			0	1.00	0	0
1	6	CONT LOAD	Y	N	0	1.00	0	0
1	7	0			0	1.00	0	0
1	8	0			0	1.00	0	0
1	9	0			0	1.00	0	0
1	10	0			0	1.00	0	0