

Central Plan Simulation Program

The kW profiles are imported to the Electric Utility Rate Analysis Program

PROJECT: SAMPLE FACILITY							
MONTH: MAY							
#DAYS: 23							
DATE: JAN-7-1999							
May Representative-Day kW Demands							Run #1
WEATHER DATA: MAY				OPTION # 1		OPTION # 2	
				PRESENT OPERATION		FUTURE OPERATION	
	DRY BULB	WET BULB	FACILITY	CWFT	COOLING	CWFT	COOLING
TIME	TEMP.	TEMP.	TONS	TEMP.	KW-DEMAND	TEMP.	KW-DEMAND
1	59.5	56.0	0.0		-		-
2	58.9	55.6	0.0		-		-
3	58.5	55.2	0.0		-		-
4	58.0	55.0	0.0		-		-
5	57.8	54.8	0.0		-		-
6	57.6	54.6	0.0		-		-
7	57.8	54.7	225.8	75.0	395	68.7	296
8	59.2	55.6	294.1	75.0	436	69.6	332
9	61.2	56.7	409.3	75.0	512	70.7	408
10	63.6	57.8	408.0	75.0	511	71.8	408
11	65.8	58.8	405.4	75.0	509	72.8	412
12	67.3	59.7	413.2	75.0	516	73.7	418
13	68.5	60.2	414.4	75.0	512	74.2	419
14	69.3	60.5	437.7	75.0	533	74.5	427
15	69.1	60.5	451.0	75.0	541	74.5	436
16	69.1	60.5	456.6	75.0	546	74.5	432
17	68.6	60.2	438.2	75.0	533	74.2	427
18	67.6	59.8	284.7	75.0	428	73.8	331
19	65.9	58.9	0.0		-		-
20	63.6	57.8	0.0		-		-
21	61.9	57.0	0.0		-		-
22	60.9	56.7	0.0		-		-
23	60.4	56.4	0.0		-		-
24	60.0	56.3	0.0		-		-
Typical Day Totals			4,638		5,970		4,746
Totals Per Month			106,681		137,319		109,167

Summary				
Month:	May	KWh / Month	Dollars / kWh	Dollars / Month
	Present Plant Electric Cost	137,319	\$ 0.099	\$ 13,595
	Future Plant Electric Cost	109,167	\$ 0.099	\$ 10,807
	Savings This Month	28,152		\$ 2,787
				BASELINE
				NEW CHILLER

- Option #1:** Existing 500-ton and 480-ton chillers. Existing pump conditions.
- Option #2:** New 600-ton Chiller plus the existing 500-ton chiller. CW-pump modifications.
- Comments:**
- High-Level Cost Savings
 - CW temperature relief set at a minimum of 75 F for the existing system
 - CW temperature relief set at a minimum of 65 F for the new system

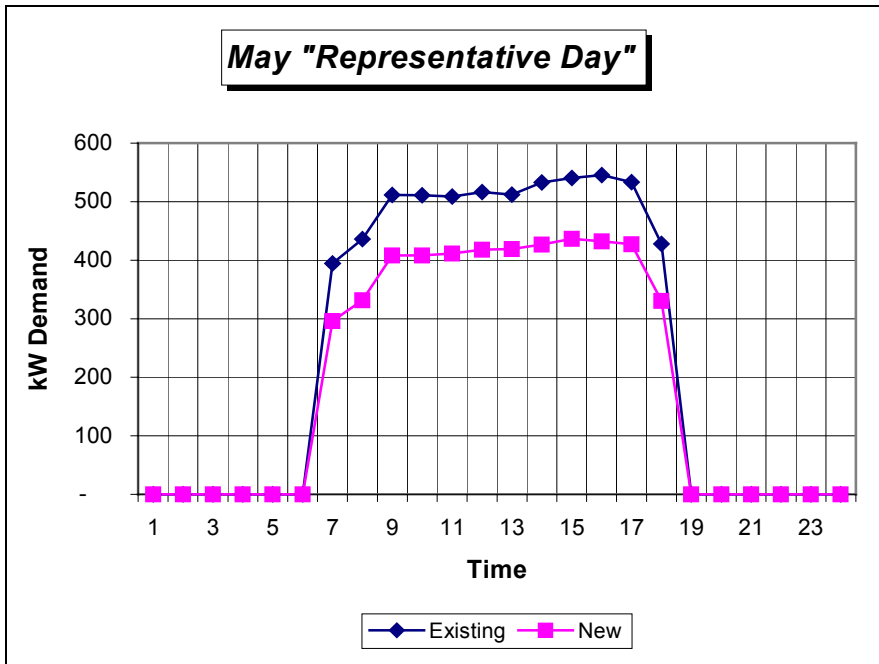


Chart Data		
Time	Existing	New
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	395	296
8	436	332
9	512	408
10	511	408
11	509	412
12	516	418
13	512	419
14	533	427
15	541	436
16	546	432
17	533	427
18	428	331
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-