

# Hourly Simulation Results for Chiller Plant STD No Econ

Multi-Story Office Building  
Carrier Corporation

08/27/2002  
03:08PM

**Table 1.1 Hourly Plant Simulation Results for Thursday, July 11**

Hour	Cooling Coil Load (MBH)	Plant Load (MBH)	Chiller Output (MBH)	Chiller Input (kW)	Primary Chilled Water Pump (kW)	Secondary Chilled Water Pump (kW)	Condenser Water Pump (kW)
0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0100	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0200	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0300	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0400	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0500	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0600	1854.5	1871.9	1871.9	69.2	3.8	2.7	16.9
0700	1691.5	1709.0	1709.0	63.6	3.8	2.7	16.9
0800	3317.3	3336.1	3336.1	113.3	3.8	3.0	16.9
0900	3823.5	3843.7	3843.7	136.3	3.8	3.3	16.9
1000	4389.9	4411.9	4411.9	163.8	3.8	3.7	16.9
1100	4811.0	4846.6	4846.6	200.4	7.5	4.1	16.9
1200	4083.7	4104.7	4104.7	162.1	3.8	3.5	16.9
1300	4550.5	4585.1	4585.1	194.1	7.5	3.9	16.9
1400	5110.5	5147.4	5147.4	214.7	7.5	4.5	16.9
1500	5282.3	5320.0	5320.0	223.3	7.5	4.7	16.9
1600	5384.0	5422.1	5422.1	227.9	7.5	4.8	16.9
1700	5148.5	5185.5	5185.5	212.1	7.5	4.5	16.9
1800	4041.6	4062.4	4062.4	153.5	3.8	3.4	16.9
1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2100	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2300	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>53488.8</b>	<b>53846.4</b>	<b>53846.4</b>	<b>2134.3</b>	<b>71.4</b>	<b>48.7</b>	<b>219.7</b>

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**Table 1.2 Hourly Plant Simulation Results for Thursday, July 11**

Hour	Cooling Tower Fan (kW)
0000	0.0
0100	0.0
0200	0.0
0300	0.0
0400	0.0
0500	0.0
0600	88.0
0700	85.4
0800	88.0
0900	88.0
1000	88.0
1100	88.0
1200	88.0
1300	88.0
1400	88.0
1500	88.0
1600	88.0
1700	88.0
1800	88.0
1900	0.0
2000	0.0
2100	0.0
2200	0.0
2300	0.0
<b>Total</b>	<b>1141.2</b>