

	Jan. 8:00AM	Jan. 9:00AM	Jan. 12:00PM	Jan. 3:00PM	Jan. 6:00PM	Jan:9:00PM
Internal Temp	72	72	72	72	67	67
Exterior Temp	21	21	21	29	21	12.9
Solar Gain S (SF)	580	1600	2600	1600	0	0
Solar Gain E (SF)	760	1400	240	110	0	0
Solar Gain W (SF)	5	110	240	1400	0	0
Total Solar Gain (Res)	5452920	10763280	3421440	10763280	0	0
Total Solar Gain (Ret)	6557165	13769510	9756480	5771510	0	0
Total Solar Gain (Off)	23754245	49881710	35343600	20904440	0	0
Office Gain	0	381888	763776	763776	606528	0
Retail Gain	0	673920	673920	673920	786240	786240
Residential Gain	59130	0	0	0	3285	6570

Residential						
Closed BTU	98508.96	157638.96	157638.96	132911.28	138899.16	160650.936
Open BTU	-5160088.8	-10411318.8	-3069478.8	-10466528.4	314170.2	366784.92
Fully Vented BTU	1403244	1462374	1462374	1232982	1315719	1544693.4
Retail						
Closed BTU	58678.56	-615241.44	-615241.44	-624445.92	-733314.24	-723994.7
Open BTU	-6361569.8	-14247834.8	-10234804.8	-6280516.4	-609820.8	-578755.68
Fully Vented BTU	918846	977976	977976	824568	878811	1030851.6
Commercial						
Closed BTU	157638.96	-224249.04	-606137.04	-630864.72	-464343.84	167220.936
Open BTU	-23596606.04	-50105959.04	-35949737.04	-21535304.72	-464343.84	167220.936
Fully Vented BTU	98508.96	157638.96	157638.96	132911.28	138899.16	160650.936
Total	0	0	0	0	0	0

	Jun. 8:00AM	Jun. 9:00AM	Jun. 12:00PM	Jun. 3:00PM	Jun. 6:00PM	Jun. 9:00PM
Internal Temp	72	72	72	75	70	60
Exterior Temp	68.6	68.6	68.6	79.6	68.6	57.5
Solar Gain S (SF)	500	800	1,600	800	190	0
Solar Gain E (SF)	3,200	2,900	710	520	200	0
Solar Gain W (SF)	430	520	720	3,000	2,200	0
Total Solar Gain (Res)	25874640	24377760	10193040	25090560	17107200	0
Total Solar Gain (Ret)	21433630	20527420	9491430	5771520	1846600	0
Total Solar Gain (Off)	77645230	74362120	34382160	20900280	6683800	0
Office Gain	0	381888	763776	763776	606528	0
Retail Gain	0	673920	673920	673920	786240	786240
Residential Gain	59130	0	0	0	3285	6570

Residential						
Closed BTU	-48620.736	10509.264	10509.264	-14218.416	1042.344	1157.4
Open BTU	-25910305.92	-24354295.92	-10169575.92	-25122305.52	-17100823.32	10683
Fully Vented BTU	38361.6	97491.6	97491.6	-131900.4	36858.6	65115
Retail						
Closed BTU	3911.904	-670008.096	-670008.096	-679212.576	-784629.216	-783363.6
Open BTU	-21420590.32	-21188300.32	-10152310.32	-6463081.92	-2627470.72	-776652
Fully Vented BTU	6068.4	65198.4	65198.4	-88209.6	23561.4	41370
Commercial						
Closed BTU	10509.264	-371378.736	-753266.736	-777994.416	-602200.656	7727.4
Open BTU	-77634720.74	-74733498.74	-35135426.74	-21678274.42	-7286000.656	7727.4
Fully Vented BTU	-48620.736	10509.264	10509.264	-14218.416	1042.344	1157.4
Total	0	0	0	-1471425.408	0	0

327871.872

534005.856

	Jan. 8:00AM	Jan. 9:00AM	Jan. 12:00PM	Jan. 3:00PM	Jan. 6:00PM	Jan:9:00PM
Total Solar Gain						
BTU's	35764330	74414500	48521520	37439230	0	0
Total Head Load						
Closed BTU	314826.48	-681851.52	-1063739.52	-1122399.36	-1058758.9	-396122.83
Open BTU	-35118264.64	-74765112.64	-49254020.64	-38282349.52	-759994.44	-44749.824
Fully Vented BTU	2420598.96	2597988.96	2597988.96	2190461.28	2333429.2	2736195.94

1.5 million cooling
54 million cooling
350k heating
550K Heating

	Jun. 8:00AM	Jun. 9:00AM	Jun. 12:00PM	Jun. 3:00PM	Jun. 6:00PM	Jun. 9:00PM
Total Solar Gain						
BTU's	124953500	119267300	54066630	51762360	25637600	0
Total Head Load						
Closed BTU	-34199.568	-1030877.568	-1412765.568	-1471425.408	-1385787.5	-774478.8
Open BTU	-124965617	-120276095	-55457312.98	-53263661.86	-27014295	-758241.6
Fully Vented BTU	-4190.736	173199.264	173199.264	-234328.416	61462.344	107642.4