and the components

*** BUILDING ***

FLOOR AREA 171490 SQFT 15931 M2 VOLUME 1767951 CUFT 50068 M3

		COOLIN	IG LOAD		HEATING LOAD			
				=====	=======================================			
TIME		JUN	21 7PM		DEC 21 4AM			
DRY-BULB TEMP		83 F						
WET-BULB TEMP		64 F	1	.8 C	20 F -7 C			
TOT HORIZONTAL SOLAR RA	.D	112 BTU/H.	SQFT 35	2 W/M2	0 BTU/H.SQFT 0 W/M2			
WINDSPEED AT SPACE		4.3 KTS	2.	2 M/S	8.7 KTS 4.5 M/S			
CLOUD AMOUNT 0(CLEAR)-1	0	0			10			
	SEN	SIBLE	LAT	ENT	SENSIBLE			
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H) (KW)			
WALL CONDUCTION	105.567	30.931	0.000	0.000	-218.447 -64.005			
ROOF CONDUCTION	57.436	16.829	0.000	0.000	-53.464 -15.665			
WINDOW GLASS+FRM COND	88.183	25.838	0.000	0.000	-446.960 -130.959			
WINDOW GLASS SOLAR	601.856	176.344	0.000	0.000	8.417 2.466			
DOOR CONDUCTION	0.000	0.000	0.000	0.000	0.000 0.000			
INTERNAL SURFACE COND				0.000	0.000 0.000			
UNDERGROUND SURF COND					-41.865 -12.267			
OCCUPANTS TO SPACE					0.206 0.060			
LIGHT TO SPACE					52.071 15.257			
EOUIPMENT TO SPACE	644.762	188.915	33.337	9.768	5.003 1.466			
**		3.488						
INFILTRATION	8.383				-40.539 -11.878			
TOTAL	1742.603	510.583	86.325	25.293	-735.578 -215.524			
TOTAL / AREA	0.010	0.032	0.001	0.002				
•								
TOTAL LOAD	1828.928	KBTU/H	535.876	KW	-735.578 KBTU/H -215.524 KW			
TOTAL LOAD / AREA	10.66	BTU/H.SQFT	33.635	W/M2	4.289 BTU/H.SQFT 13.528 W/M2			

 *** BUILDING ***

FLOOR AREA 171490 SQFT 15931 M2 VOLUME 1767951 CUFT 50068 M3

	COOLING LOAD	HEATING LOAD		
		=======================================		
TIME	JUL 23 8PM	JAN 5 5AM		
DRY-BULB TEMP	88 F 31 C	21 F -6 C		
WET-BULB TEMP	68 F 20 C	18 F -8 C		
TOT HORIZONTAL SOLAR RAD	57 BTU/H.SQFT 179 W/M2	0 BTU/H.SQFT 0 W/M2		
WINDSPEED AT SPACE	2.7 KTS 1.4 M/S	0.0 KTS 0.0 M/S		
CLOUD AMOUNT 0(CLEAR)-10	0	10		

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H) (KW)	
	100 800	25 515	0 000	0.000	010 006 63 086	
WALL CONDUCTION	128.728		0.000	0.000	-218.006 -63.876	
ROOF CONDUCTION	60.111	17.613	0.000	0.000	-63.373 -18.568	
WINDOW GLASS+FRM COND	116.922	34.258	0.000	0.000	-409.944 -120.114	
WINDOW GLASS SOLAR	570.299	167.098	0.000	0.000	38.405 11.253	
DOOR CONDUCTION	0.000	0.000	0.000	0.000	0.000 0.000	
INTERNAL SURFACE COND	0.000	0.000	0.000	0.000	0.000 0.000	
UNDERGROUND SURF COND	-4.528	-1.327	0.000	0.000	-49.140 -14.398	
OCCUPANTS TO SPACE	36.316	10.640	36.415	10.670	36.107 10.579	
LIGHT TO SPACE	138.432	40.561	0.000	0.000	60.904 17.845	
EQUIPMENT TO SPACE	458.561	134.358	23.376	6.849	95.682 28.035	
PROCESS TO SPACE	6.974	2.043	4.829	1.415	3.271 0.958	
INFILTRATION	11.897	3.486	3.375	0.989	-44.197 -12.950	
TOTAL	1523.711	446.447	67.995	19.923	-550.291 -161.235	
TOTAL / AREA	0.009	0.028	0.000	0.001	-0.003 -0.010	
TOTAL LOAD	1591.706	KBTU/H	466.370	KW	-550.291 KBTU/H -161.235 KW	
TOTAL LOAD / AREA	9.28	BTU/H.SQFT	29.273	W/M2	3.209 BTU/H.SQFT 10.120 W/M2	!