

The following is an example listing of simulation output reports from the Three Story Example Office Building (see the file "3-Story Office Bldg.SIM")
Note that the sample listing that follows has been edited to remove duplicate reports to conserve space. The actual output report file,
"3-Story Office Bldg.SIM", contains a full listing.

DOE-2 UNITS TABLE							
	ENGLISH	MULTIPLIED BY	GIVES	METRIC	MULTIPLIED BY	GIVES	ENGLISH
1			1.000000			1.000000	
2			1.000000			1.000000	
3	BTU		0.293000	WH		3.412969	BTU
4	BTU/HR		0.293000	WATT		3.412969	BTU/HR
5	BTU/LB-F	4183.830078	J/KG-K			0.000239	BTU/LB-F
6	BTU/HR-SQFT-F		5.674460	W/M2-K		0.176228	BTU/HR-SQFT-F
7	DEGREES		1.000000	DEGREES		1.000000	DEGREES
9	SQFT		0.092903	M2	10.763915		SQFT
10	CUFT		0.028317	M3	35.314724		CUFT
11	LB/HR		0.453592	KG/HR		2.204624	LB/HR
12	LB/CUFT	16.018459	KG/M3			0.062428	LB/CUFT
13	MPH		0.447040	M/S		2.236936	MPH
14	BTU/HR-F		0.527178	W/K		1.896893	BTU/HR-F
15	FT		0.304800	M		3.280840	FT
16	BTU/HR-FT-F		1.729600	W/M-K		0.578168	BTU/HR-FT-F
17	BTU/HR- SQFT		3.152480	WATT /M2		0.317211	BTU/HR- SQFT
18	IN		2.540000	CM		0.393701	IN
19	UNITS/IN		0.393700	UNITS/CM		2.540005	UNITS/IN
20	UNITS		1.000000	UNITS		1.000000	UNITS
21	LB		0.453592	KG		2.204624	LB
22	FRAC.OR MULT.		1.000000	FRAC.OR MULT.		1.000000	FRAC.OR MULT.
23	HOURS		1.000000	HRS		1.000000	HOURS
24	PERCENT-RH		1.000000	PERCENT-RH		1.000000	PERCENT-RH
25	CFM		1.699010	M3/H		0.588578	CFM
26	IN-WATER	25.400000	MM-WATER			0.039370	IN-WATER
27	LB/SQFT		4.882400	KG/M2		0.204817	LB/SQFT
28	KW		1.000000	KW		1.000000	KW
29	W/SQFT	10.763920	W/M2			0.092903	W/SQFT
30	THERMS	25.000000	THERMIES			0.040000	THERMS
31	KNOTS		0.514440	M/SEC		1.943861	KNOTS
32	HR-SQFT-F /BTU		0.176228	M2-K /W		5.674467	HR-SQFT-F /BTU
33	\$DOLLARS		1.000000	\$DOLLARS		1.000000	\$DOLLARS
34	MBTU/HR		0.293000	MWATT		3.412969	MBTU/HR
35	YEARS		1.000000	YEARS		1.000000	YEARS
36	\$/HR		1.000000	\$/HR		1.000000	\$/HR
37	HRS/YEARS		1.000000	HRS/YEARS		1.000000	HRS/YEARS
38	PERCENT		1.000000	PERCENT		1.000000	PERCENT
39	\$/MONTH		1.000000	\$/MONTH		1.000000	\$/MONTH
40	GALLONS/MIN/TON		1.078000	LITERS/MIN/KW		0.927644	GALLONS/MIN/TON
41	BTU/LB		0.645683	WH/KG		1.548748	BTU/LB
42	LBS/SQIN-GAGE	68.947571	MBAR-GAGE			0.014504	LBS/SQIN-GAGE
43	\$/UNIT		1.000000	\$/UNIT		1.000000	\$/UNIT
44	BTU/HR/PERSON		0.293000	W/PERSON		3.412969	BTU/HR/PERSON
45	LBS/LB		1.000000	KGS/KG		1.000000	LBS/LB
46	BTU/BTU		1.000000	KWH/KWH		1.000000	BTU/BTU
47	LBS/KW		0.453590	KG/KW		2.204634	LBS/KW
48	REV/MIN		1.000000	REV/MIN		1.000000	REV/MIN
49	KW/TON		1.000000	KW/TON		1.000000	KW/TON
50	MBTU		0.293000	MWH		3.412969	MBTU
51	GAL		3.785410	LITER		0.264172	GAL
52	GAL/MIN		3.785410	LITERS/MIN		0.264172	GAL/MIN
53	BTU/F	1897.800049	J/K			0.000527	BTU/F
54	KWH		1.000000	KWH		1.000000	KWH
55	\$/UNIT-HR		1.000000	\$/UNIT-HR		1.000000	\$/UNIT-HR
56	KW/CFM		0.588500	KW/M3/HR		1.699235	KW/CFM

57	BTU/SQFT-F	20428.400391	J/M2-K	0.000049	BTU/SQFT-F
58	HR/HR	1.000000	HR/HR	1.000000	HR/HR
59	BTU/FT-F	6226.479980	J/M-K	0.000161	BTU/FT-F
60	R	0.555556	K	1.799999	R
61	INCH MER	33.863800	MBAR	0.029530	INCH MER
62	UNITS/GAL/MIN	0.264170	UNITS/LITER/MIN	3.785441	UNITS/GAL/MIN
63	(HR-SQFT-F/BTU) 2	0.031056	(M2-K /W) 2	32.199585	(HR-SQFT-F/BTU) 2
64	KBTU/HR	0.293000	KW	3.412969	KBTU/HR
65	KBTU	0.293000	KWH	3.412969	KBTU
66	CFM	0.471900	L/S	2.119093	CFM
67	CFM/SQFT	18.288000	M3/H-M2	0.054681	CFM/SQFT
68	1/R	1.799900	1/K	0.555586	1/R
69	1/KNOT	1.943860	SEC/M	0.514440	1/KNOT
70	FOOTCANDLES	10.763910	LUX	0.092903	FOOTCANDLES
71	FOOTLAMBERT	3.426259	CANDELA/M2	0.291864	FOOTLAMBERT
72	LUMEN / WATT	1.000000	LUMEN / WATT	1.000000	LUMEN / WATT
73	KBTU/SQFT-YR	3.152480	KWH/M2-YR	0.317211	KBTU/SQFT-YR

REPORT- **LV-N** DETAILS OF GEOMETRY DATA IN BUILDING COORDINATES

SPACE..... (SPACE ORIGIN)

WALL..... (VERTEX1) (VERTEX2) (...)

WINDOW..... (VERTEX1) (VERTEX2) (...)

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South Perim Spac..... ( 0.0 0.0 0.0)
  South Wall (G.S1.... ( 0.0 0.0 9.0) ( 0.0 0.0 0.0) ( 130.0 0.0 0.0) ( 130.0 0.0 9.0)
  South Window (G. ( 20.3 0.0 8.1) ( 20.3 0.0 3.1) ( 60.2 0.0 3.1) ( 60.2 0.0 8.1)
  South Window (G. ( 69.8 0.0 8.1) ( 69.8 0.0 3.1) ( 109.7 0.0 3.1) ( 109.7 0.0 8.1)
  South Door (G.S1 ( 62.3 0.0 6.8) ( 62.3 0.0 0.3) ( 67.8 0.0 0.3) ( 67.8 0.0 6.8)
  NE Wall (G.S1.I1.... ( 130.0 0.0 9.0) ( 130.0 0.0 0.0) ( 115.0 15.0 0.0) ( 115.0 15.0 9.0)
  North Wall (G.S1.... ( 115.0 15.0 9.0) ( 115.0 15.0 0.0) ( 15.0 15.0 0.0) ( 15.0 15.0 9.0)
  NW Wall (G.S1.I3.... ( 15.0 15.0 9.0) ( 15.0 15.0 0.0) ( 0.0 0.0 0.0) ( 0.0 0.0 9.0)
  Ceiling (G.S1.I4.... ( 0.0 0.0 9.0) ( 130.0 0.0 9.0) ( 115.0 15.0 9.0) ( 15.0 15.0 9.0)
East Perim Spac..... ( 130.0 0.0 0.0)
  East Wall (G.E2.... ( 130.0 0.0 9.0) ( 130.0 0.0 0.0) ( 130.0 100.0 0.0) ( 130.0 100.0 9.0)
  East Window (G.E ( 130.0 15.6 8.1) ( 130.0 15.6 3.1) ( 130.0 84.4 3.1) ( 130.0 84.4 8.1)
  NE Wall (G.S1.I1.... ( 130.0 0.0 9.0) ( 130.0 0.0 0.0) ( 115.0 15.0 0.0) ( 115.0 15.0 9.0)
  NW Wall (G.E2.I5.... ( 130.0 100.0 9.0) ( 130.0 100.0 0.0) ( 115.0 85.0 0.0) ( 115.0 85.0 9.0)
  West Wall (G.E2.... ( 115.0 85.0 9.0) ( 115.0 85.0 0.0) ( 115.0 15.0 0.0) ( 115.0 15.0 9.0)
  Ceiling (G.E2.I7.... ( 130.0 0.0 9.0) ( 130.0 100.0 9.0) ( 115.0 85.0 9.0) ( 115.0 15.0 9.0)
North Perim Spac..... ( 130.0 100.0 0.0)
  North Wall (G.N3.... ( 130.0 100.0 9.0) ( 130.0 100.0 0.0) ( 0.0 100.0 0.0) ( 0.0 100.0 9.0)
  North Window (G. ( 109.7 100.0 8.1) ( 109.7 100.0 3.1) ( 69.8 100.0 3.1) ( 69.8 100.0 8.1)
  North Window (G. ( 60.2 100.0 8.1) ( 60.2 100.0 3.1) ( 20.3 100.0 3.1) ( 20.3 100.0 8.1)
  North Door (G.N3 ( 67.8 100.0 6.8) ( 67.8 100.0 0.3) ( 62.3 100.0 0.3) ( 62.3 100.0 6.8)
  NW Wall (G.E2.I5.... ( 130.0 100.0 9.0) ( 130.0 100.0 0.0) ( 115.0 85.0 0.0) ( 115.0 85.0 9.0)
  SW Wall (G.N3.I8.... ( 0.0 100.0 9.0) ( 0.0 100.0 0.0) ( 15.0 85.0 0.0) ( 15.0 85.0 9.0)
  South Wall (G.N3.... ( 15.0 85.0 9.0) ( 15.0 85.0 0.0) ( 115.0 85.0 0.0) ( 115.0 85.0 9.0)
  Ceiling (G.N3.I1.... ( 130.0 100.0 9.0) ( 0.0 100.0 9.0) ( 15.0 85.0 9.0) ( 115.0 85.0 9.0)
West Perim Spac..... ( 0.0 100.0 0.0)
  West Wall (G.W4.... ( 0.0 100.0 9.0) ( 0.0 100.0 0.0) ( 0.0 0.0 0.0) ( 0.0 0.0 9.0)
  West Window (G.W ( 0.0 84.4 8.1) ( 0.0 84.4 3.1) ( 0.0 15.6 3.1) ( 0.0 15.6 8.1)
  NW Wall (G.S1.I3.... ( 15.0 15.0 9.0) ( 15.0 15.0 0.0) ( 0.0 0.0 0.0) ( 0.0 0.0 9.0)
  SW Wall (G.N3.I8.... ( 0.0 100.0 9.0) ( 0.0 100.0 0.0) ( 15.0 85.0 0.0) ( 15.0 85.0 9.0)
  East Wall (G.W4.... ( 15.0 15.0 9.0) ( 15.0 15.0 0.0) ( 15.0 85.0 0.0) ( 15.0 85.0 9.0)
  Ceiling (G.W4.I1.... ( 0.0 100.0 9.0) ( 0.0 0.0 9.0) ( 15.0 15.0 9.0) ( 15.0 85.0 9.0)
Core Space (G.C5..... ( 15.0 15.0 0.0)
  North Wall (G.S1.... ( 115.0 15.0 9.0) ( 115.0 15.0 0.0) ( 15.0 15.0 0.0) ( 15.0 15.0 9.0)
  West Wall (G.E2.... ( 115.0 85.0 9.0) ( 115.0 85.0 0.0) ( 115.0 15.0 0.0) ( 115.0 15.0 9.0)
  South Wall (G.N3.... ( 15.0 85.0 9.0) ( 15.0 85.0 0.0) ( 115.0 85.0 0.0) ( 115.0 85.0 9.0)
  East Wall (G.W4.... ( 15.0 15.0 9.0) ( 15.0 15.0 0.0) ( 15.0 85.0 0.0) ( 15.0 85.0 9.0)
  Ceiling (G.C5.I1.... ( 15.0 15.0 9.0) ( 115.0 15.0 9.0) ( 115.0 85.0 9.0) ( 15.0 85.0 9.0)
Plenum (G.6)..... ( 0.0 0.0 9.0)
  South Wall (G.6.... ( 0.0 0.0 13.0) ( 0.0 0.0 9.0) ( 130.0 0.0 9.0) ( 130.0 0.0 13.0)
  East Wall (G.6.E.... ( 130.0 0.0 13.0) ( 130.0 0.0 9.0) ( 130.0 100.0 9.0) ( 130.0 100.0 13.0)
  North Wall (G.6.... ( 130.0 100.0 13.0) ( 130.0 100.0 9.0) ( 0.0 100.0 9.0) ( 0.0 100.0 13.0)
  West Wall (G.6.E.... ( 0.0 100.0 13.0) ( 0.0 100.0 9.0) ( 0.0 0.0 9.0) ( 0.0 0.0 13.0)
  Ceiling (G.S1.I4.... ( 0.0 0.0 9.0) ( 130.0 0.0 9.0) ( 115.0 15.0 9.0) ( 15.0 15.0 9.0)
  Ceiling (G.E2.I7.... ( 130.0 0.0 9.0) ( 130.0 100.0 9.0) ( 115.0 85.0 9.0) ( 115.0 15.0 9.0)
  Ceiling (G.N3.I1.... ( 130.0 100.0 9.0) ( 0.0 100.0 9.0) ( 15.0 85.0 9.0) ( 115.0 85.0 9.0)
  Ceiling (G.W4.I1.... ( 0.0 100.0 9.0) ( 0.0 0.0 9.0) ( 15.0 15.0 9.0) ( 15.0 85.0 9.0)
  Ceiling (G.C5.I1.... ( 15.0 15.0 9.0) ( 115.0 15.0 9.0) ( 115.0 85.0 9.0) ( 15.0 85.0 9.0)
Floor (M.S7.I14).... ( 0.0 0.0 13.0) ( 15.0 15.0 13.0) ( 115.0 15.0 13.0) ( 130.0 0.0 13.0)
Floor (M.E8.I19).... ( 130.0 0.0 13.0) ( 115.0 15.0 13.0) ( 115.0 85.0 13.0) ( 130.0 100.0 13.0)
Floor (M.N9.I23).... ( 130.0 100.0 13.0) ( 115.0 85.0 13.0) ( 15.0 85.0 13.0) ( 0.0 100.0 13.0)
Floor (M.W10.I27).... ( 0.0 100.0 13.0) ( 15.0 85.0 13.0) ( 15.0 15.0 13.0) ( 0.0 0.0 13.0)
Floor (M.C11.I30).... ( 15.0 15.0 13.0) ( 15.0 85.0 13.0) ( 115.0 85.0 13.0) ( 115.0 15.0 13.0)
South Perim Spac..... ( 0.0 0.0 0.0)
  South Wall (M.S7.... ( 0.0 0.0 22.0) ( 0.0 0.0 13.0) ( 130.0 0.0 13.0) ( 130.0 0.0 22.0)
  South Window (M. ( 20.3 0.0 21.1) ( 20.3 0.0 16.1) ( 109.7 0.0 16.1) ( 109.7 0.0 21.1)
  Floor (M.S7.I14).... ( 0.0 0.0 13.0) ( 15.0 15.0 13.0) ( 115.0 15.0 13.0) ( 130.0 0.0 13.0)
  NE Wall (M.S7.I1.... ( 130.0 0.0 22.0) ( 130.0 0.0 13.0) ( 115.0 15.0 13.0) ( 115.0 15.0 22.0)

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North Wall (M.S7....	(115.0	15.0	22.0)	(115.0	15.0	13.0)	(15.0	15.0	13.0)	(15.0	15.0	22.0)
NW Wall (M.S7.I1....	(15.0	15.0	22.0)	(15.0	15.0	13.0)	(0.0	0.0	13.0)	(0.0	0.0	22.0)
Ceiling (M.S7.I1....	(	0.0	0.0	22.0)	(	130.0	0.0	22.0)	(	115.0	15.0	22.0)	(	15.0	15.0	22.0)
East Perim Space.....	(	130.0	0.0	0.0)												
East Wall (M.E8....	(	130.0	0.0	22.0)	(	130.0	0.0	13.0)	(	130.0	100.0	13.0)	(	130.0	100.0	22.0)
East Window (M.E	(	130.0	15.6	21.1)	(	130.0	15.6	16.1)	(	130.0	84.4	16.1)	(	130.0	84.4	21.1)
NE Wall (M.S7.I1....	(	130.0	0.0	22.0)	(	130.0	0.0	13.0)	(	115.0	15.0	13.0)	(	115.0	15.0	22.0)
Floor (M.E8.I19)....	(	130.0	0.0	13.0)	(	115.0	15.0	13.0)	(	115.0	85.0	13.0)	(	130.0	100.0	13.0)
NW Wall (M.E8.I2....	(	130.0	100.0	22.0)	(	130.0	100.0	13.0)	(	115.0	85.0	13.0)	(	115.0	85.0	22.0)
West Wall (M.E8....	(	115.0	85.0	22.0)	(	115.0	85.0	13.0)	(	115.0	15.0	13.0)	(	115.0	15.0	22.0)
Ceiling (M.E8.I2....	(	130.0	0.0	22.0)	(	130.0	100.0	22.0)	(	115.0	85.0	22.0)	(	115.0	15.0	22.0)
North Perim Spac.....	(	130.0	100.0	0.0)												
North Wall (M.N9....	(	130.0	100.0	22.0)	(	130.0	100.0	13.0)	(	0.0	100.0	13.0)	(	0.0	100.0	22.0)
North Window (M.	(	109.7	100.0	21.1)	(	109.7	100.0	16.1)	(	20.3	100.0	16.1)	(	20.3	100.0	21.1)
NW Wall (M.E8.I2....	(	130.0	100.0	22.0)	(	130.0	100.0	13.0)	(	115.0	85.0	13.0)	(	115.0	85.0	22.0)
Floor (M.N9.I23)....	(	130.0	100.0	13.0)	(	115.0	85.0	13.0)	(	15.0	85.0	13.0)	(	0.0	100.0	13.0)
SW Wall (M.N9.I2....	(	0.0	100.0	22.0)	(	0.0	100.0	13.0)	(	15.0	85.0	13.0)	(	15.0	85.0	22.0)
South Wall (M.N9....	(	15.0	85.0	22.0)	(	15.0	85.0	13.0)	(	115.0	85.0	13.0)	(	115.0	85.0	22.0)
Ceiling (M.N9.I2....	(	130.0	100.0	22.0)	(	0.0	100.0	22.0)	(	15.0	85.0	22.0)	(	115.0	85.0	22.0)
West Perim Space.....	(	0.0	100.0	0.0)												
West Wall (M.W10....	(	0.0	100.0	22.0)	(	0.0	100.0	13.0)	(	0.0	0.0	13.0)	(	0.0	0.0	22.0)
West Window (M.W	(	0.0	84.4	21.1)	(	0.0	84.4	16.1)	(	0.0	15.6	16.1)	(	0.0	15.6	21.1)
NW Wall (M.S7.I1....	(	15.0	15.0	22.0)	(	15.0	15.0	13.0)	(	0.0	0.0	13.0)	(	0.0	0.0	22.0)
SW Wall (M.N9.I2....	(	0.0	100.0	22.0)	(	0.0	100.0	13.0)	(	15.0	85.0	13.0)	(	15.0	85.0	22.0)
Floor (M.W10.I27....	(	0.0	100.0	13.0)	(	15.0	85.0	13.0)	(	15.0	15.0	13.0)	(	0.0	0.0	13.0)
East Wall (M.W10....	(	15.0	15.0	22.0)	(	15.0	15.0	13.0)	(	15.0	85.0	13.0)	(	15.0	85.0	22.0)
Ceiling (M.W10.I....	(	0.0	100.0	22.0)	(	0.0	0.0	22.0)	(	15.0	15.0	22.0)	(	15.0	85.0	22.0)
Core Space (M.C1....	(	15.0	15.0	0.0)												
North Wall (M.S7....	(	115.0	15.0	22.0)	(	115.0	15.0	13.0)	(	15.0	15.0	13.0)	(	15.0	15.0	22.0)
West Wall (M.E8....	(	115.0	85.0	22.0)	(	115.0	85.0	13.0)	(	115.0	15.0	13.0)	(	115.0	15.0	22.0)
South Wall (M.N9....	(	15.0	85.0	22.0)	(	15.0	85.0	13.0)	(	115.0	85.0	13.0)	(	115.0	85.0	22.0)
East Wall (M.W10....	(	15.0	15.0	22.0)	(	15.0	15.0	13.0)	(	15.0	85.0	13.0)	(	15.0	85.0	22.0)
Floor (M.C11.I30....	(	15.0	15.0	13.0)	(	15.0	85.0	13.0)	(	115.0	85.0	13.0)	(	115.0	15.0	13.0)
Ceiling (M.C11.I....	(	15.0	15.0	22.0)	(	115.0	15.0	22.0)	(	115.0	85.0	22.0)	(	15.0	85.0	22.0)
Plenum (M.12) .....	(	0.0	0.0	9.0)												
South Wall (M.12....	(	0.0	0.0	26.0)	(	0.0	0.0	22.0)	(	130.0	0.0	22.0)	(	130.0	0.0	26.0)
East Wall (M.12....	(	130.0	0.0	26.0)	(	130.0	0.0	22.0)	(	130.0	100.0	22.0)	(	130.0	100.0	26.0)
North Wall (M.12....	(	130.0	100.0	26.0)	(	130.0	100.0	22.0)	(	0.0	100.0	22.0)	(	0.0	100.0	26.0)
West Wall (M.12....	(	0.0	100.0	26.0)	(	0.0	100.0	22.0)	(	0.0	0.0	22.0)	(	0.0	0.0	26.0)
Ceiling (M.S7.I1....	(	0.0	0.0	22.0)	(	130.0	0.0	22.0)	(	115.0	15.0	22.0)	(	15.0	15.0	22.0)
Ceiling (M.E8.I2....	(	130.0	0.0	22.0)	(	130.0	100.0	22.0)	(	115.0	85.0	22.0)	(	115.0	15.0	22.0)
Ceiling (M.N9.I2....	(	130.0	100.0	22.0)	(	0.0	100.0	22.0)	(	15.0	85.0	22.0)	(	115.0	85.0	22.0)
Ceiling (M.W10.I....	(	0.0	100.0	22.0)	(	0.0	0.0	22.0)	(	15.0	15.0	22.0)	(	15.0	85.0	22.0)
Ceiling (M.C11.I....	(	15.0	15.0	22.0)	(	115.0	15.0	22.0)	(	115.0	85.0	22.0)	(	15.0	85.0	22.0)
Floor (T.S13.I32....	(	0.0	0.0	26.0)	(	15.0	15.0	26.0)	(	115.0	15.0	26.0)	(	130.0	0.0	26.0)
Floor (T.E14.I37....	(	130.0	0.0	26.0)	(	115.0	15.0	26.0)	(	115.0	85.0	26.0)	(	130.0	100.0	26.0)
Floor (T.N15.I41....	(	130.0	100.0	26.0)	(	115.0	85.0	26.0)	(	15.0	85.0	26.0)	(	0.0	100.0	26.0)
Floor (T.W16.I45....	(	0.0	100.0	26.0)	(	15.0	85.0	26.0)	(	15.0	15.0	26.0)	(	0.0	0.0	26.0)
Floor (T.C17.I48....	(	15.0	15.0	26.0)	(	15.0	85.0	26.0)	(	115.0	85.0	26.0)	(	115.0	15.0	26.0)
South Perim Spac.....	(	0.0	0.0	0.0)												
South Wall (T.S1....	(	0.0	0.0	35.0)	(	0.0	0.0	26.0)	(	130.0	0.0	26.0)	(	130.0	0.0	35.0)
South Window (T.	(	20.3	0.0	34.1)	(	20.3	0.0	29.1)	(	109.7	0.0	29.1)	(	109.7	0.0	34.1)
Floor (T.S13.I32....	(	0.0	0.0	26.0)	(	15.0	15.0	26.0)	(	115.0	15.0	26.0)	(	130.0	0.0	26.0)
NE Wall (T.S13.I....	(	130.0	0.0	35.0)	(	130.0	0.0	26.0)	(	115.0	15.0	26.0)	(	115.0	15.0	35.0)
North Wall (T.S1....	(	115.0	15.0	35.0)	(	115.0	15.0	26.0)	(	15.0	15.0	26.0)	(	15.0	15.0	35.0)
NW Wall (T.S13.I....	(	15.0	15.0	35.0)	(	15.0	15.0	26.0)	(	0.0	0.0	26.0)	(	0.0	0.0	35.0)
Ceiling (T.S13.I....	(	0.0	0.0	35.0)	(	130.0	0.0	35.0)	(	115.0	15.0	35.0)	(	15.0	15.0	35.0)
East Perim Space.....	(	130.0	0.0	0.0)												
East Wall (T.E14....	(	130.0	0.0	35.0)	(	130.0	0.0	26.0)	(	130.0	100.0	26.0)	(	130.0	100.0	35.0)
East Window (T.E	(	130.0	15.6	34.1)	(	130.0	15.6	29.1)	(	130.0	84.4	29.1)	(	130.0	84.4	34.1)
NE Wall (T.S13.I....	(	130.0	0.0	35.0)	(	130.0	0.0	26.0)	(	115.0	15.0	26.0)	(	115.0	15.0	35.0)
Floor (T.E14.I37....	(	130.0	0.0	26.0)	(	115.0	15.0	26.0)	(	115.0	85.0	26.0)	(	130.0	100.0	26.0)
NW Wall (T.E14.I....	(	130.0	100.0	35.0)	(	130.0	100.0	26.0)	(	115.0	85.0	26.0)	(	115.0	85.0	35.0)
West Wall (T.E14....	(	115.0	85.0	35.0)	(	115.0	85.0	26.0)	(	115.0	15.0	26.0)	(	115.0	15.0	35.0)
Ceiling (T.E14.I....	(	130.0	0.0	35.0)	(	130.0	100.0	35.0)	(	115.0	85.0	35.0)	(	115.0	15.0	35.0)
North Perim Spac.....	(	130.0	100.0	0.0)												

North Wall (T.N1....	(	130.0	100.0	35.0)	(	130.0	100.0	26.0)	(	0.0	100.0	26.0)	(	0.0	100.0	35.0)
North Window (T....	(	109.7	100.0	34.1)	(	109.7	100.0	29.1)	(	20.3	100.0	29.1)	(	20.3	100.0	34.1)
NW Wall (T.E14.I....	(	130.0	100.0	35.0)	(	130.0	100.0	26.0)	(	115.0	85.0	26.0)	(	115.0	85.0	35.0)
Floor (T.N15.I41....	(	130.0	100.0	26.0)	(	115.0	85.0	26.0)	(	15.0	85.0	26.0)	(	0.0	100.0	26.0)
SW Wall (T.N15.I....	(	0.0	100.0	35.0)	(	0.0	100.0	26.0)	(	15.0	85.0	26.0)	(	15.0	85.0	35.0)
South Wall (T.N1....	(	15.0	85.0	35.0)	(	15.0	85.0	26.0)	(	115.0	85.0	26.0)	(	115.0	85.0	35.0)
Ceiling (T.N15.I....	(	130.0	100.0	35.0)	(	0.0	100.0	35.0)	(	15.0	85.0	35.0)	(	115.0	85.0	35.0)
West Perim Space.....	(	0.0	100.0	0.0)												
West Wall (T.W16....	(	0.0	100.0	35.0)	(	0.0	100.0	26.0)	(	0.0	0.0	26.0)	(	0.0	0.0	35.0)
West Window (T.W....	(	0.0	84.4	34.1)	(	0.0	84.4	29.1)	(	0.0	15.6	29.1)	(	0.0	15.6	34.1)
NW Wall (T.S13.I....	(	15.0	15.0	35.0)	(	15.0	15.0	26.0)	(	0.0	0.0	26.0)	(	0.0	0.0	35.0)
SW Wall (T.N15.I....	(	0.0	100.0	35.0)	(	0.0	100.0	26.0)	(	15.0	85.0	26.0)	(	15.0	85.0	35.0)
Floor (T.W16.I45....	(	0.0	100.0	26.0)	(	15.0	85.0	26.0)	(	15.0	15.0	26.0)	(	0.0	0.0	26.0)
East Wall (T.W16....	(	15.0	15.0	35.0)	(	15.0	15.0	26.0)	(	15.0	85.0	26.0)	(	15.0	85.0	35.0)
Ceiling (T.W16.I....	(	0.0	100.0	35.0)	(	0.0	0.0	35.0)	(	15.0	15.0	35.0)	(	15.0	85.0	35.0)
Core Space (T.C1.....	(	15.0	15.0	0.0)												
Skylt Roof (T.C1....	(	15.0	15.0	39.1)	(	115.0	15.0	39.1)	(	115.0	85.0	39.1)	(	15.0	85.0	39.1)
Skylight (T.C17....	(	73.4	62.4	39.1)	(	73.4	58.4	39.1)	(	77.4	58.4	39.1)	(	77.4	62.4	39.1)
Skylight (T.C17....	(	94.2	62.4	39.1)	(	94.2	58.4	39.1)	(	98.2	58.4	39.1)	(	98.2	62.4	39.1)
Skylight (T.C17....	(	52.6	62.4	39.1)	(	52.6	58.4	39.1)	(	56.6	58.4	39.1)	(	56.6	62.4	39.1)
Skylight (T.C17....	(	73.4	83.2	39.1)	(	73.4	79.2	39.1)	(	77.4	79.2	39.1)	(	77.4	83.2	39.1)
Skylight (T.C17....	(	73.4	41.6	39.1)	(	73.4	37.6	39.1)	(	77.4	37.6	39.1)	(	77.4	41.6	39.1)
Skylight (T.C17....	(	52.6	83.2	39.1)	(	52.6	79.2	39.1)	(	56.6	79.2	39.1)	(	56.6	83.2	39.1)
Skylight (T.C17....	(	94.2	83.2	39.1)	(	94.2	79.2	39.1)	(	98.2	79.2	39.1)	(	98.2	83.2	39.1)
Skylight (T.C17....	(	52.6	41.6	39.1)	(	52.6	37.6	39.1)	(	56.6	37.6	39.1)	(	56.6	41.6	39.1)
Skylight (T.C17....	(	94.2	41.6	39.1)	(	94.2	37.6	39.1)	(	98.2	37.6	39.1)	(	98.2	41.6	39.1)
Skylight (T.C17....	(	31.8	62.4	39.1)	(	31.8	58.4	39.1)	(	35.8	58.4	39.1)	(	35.8	62.4	39.1)
Skylight (T.C17....	(	73.4	20.8	39.1)	(	73.4	16.8	39.1)	(	77.4	16.8	39.1)	(	77.4	20.8	39.1)
Skylight (T.C17....	(	31.8	41.6	39.1)	(	31.8	37.6	39.1)	(	35.8	37.6	39.1)	(	35.8	41.6	39.1)
Skylight (T.C17....	(	31.8	83.2	39.1)	(	31.8	79.2	39.1)	(	35.8	79.2	39.1)	(	35.8	83.2	39.1)
Skylight (T.C17....	(	52.6	20.8	39.1)	(	52.6	16.8	39.1)	(	56.6	16.8	39.1)	(	56.6	20.8	39.1)
Skylight (T.C17....	(	94.2	20.8	39.1)	(	94.2	16.8	39.1)	(	98.2	16.8	39.1)	(	98.2	20.8	39.1)
Skylight (T.C17....	(	31.8	20.8	39.1)	(	31.8	16.8	39.1)	(	35.8	16.8	39.1)	(	35.8	20.8	39.1)
North Wall (T.S1....	(	115.0	15.0	35.0)	(	115.0	15.0	26.0)	(	15.0	15.0	26.0)	(	15.0	15.0	35.0)
West Wall (T.E14....	(	115.0	85.0	35.0)	(	115.0	85.0	26.0)	(	115.0	15.0	26.0)	(	115.0	15.0	35.0)
South Wall (T.N1....	(	15.0	85.0	35.0)	(	15.0	85.0	26.0)	(	115.0	85.0	26.0)	(	115.0	85.0	35.0)
East Wall (T.W16....	(	15.0	15.0	35.0)	(	15.0	15.0	26.0)	(	15.0	85.0	26.0)	(	15.0	85.0	35.0)
Floor (T.C17.I48....	(	15.0	15.0	26.0)	(	15.0	85.0	26.0)	(	115.0	85.0	26.0)	(	115.0	15.0	26.0)
Ceiling (T.C17.I....	(	15.0	15.0	35.0)	(	115.0	15.0	35.0)	(	115.0	85.0	35.0)	(	15.0	85.0	35.0)
South Perim Plenu.....	(	0.0	0.0	9.0)												
South Wall (T.S1....	(	0.0	0.0	39.0)	(	0.0	0.0	35.0)	(	130.0	0.0	35.0)	(	130.0	0.0	39.0)
Roof (T.S18.E23)....	(	0.0	0.0	39.0)	(	130.0	0.0	39.0)	(	115.0	15.0	39.0)	(	15.0	15.0	39.0)
Ceiling (T.S13.I....	(	0.0	0.0	35.0)	(	130.0	0.0	35.0)	(	115.0	15.0	35.0)	(	15.0	15.0	35.0)
NE Wall (T.S18.I....	(	130.0	0.0	39.0)	(	130.0	0.0	35.0)	(	115.0	15.0	35.0)	(	115.0	15.0	39.0)
North Wall (T.S1....	(	115.0	15.0	39.0)	(	115.0	15.0	35.0)	(	15.0	15.0	35.0)	(	15.0	15.0	39.0)
NW Wall (T.S18.I....	(	15.0	15.0	39.0)	(	15.0	15.0	35.0)	(	0.0	0.0	35.0)	(	0.0	0.0	39.0)
East Perim Plenu.....	(	130.0	0.0	9.0)												
East Wall (T.E19....	(	130.0	0.0	39.0)	(	130.0	0.0	35.0)	(	130.0	100.0	35.0)	(	130.0	100.0	39.0)
Roof (T.E19.E25)....	(	130.0	0.0	39.0)	(	130.0	100.0	39.0)	(	115.0	85.0	39.0)	(	115.0	15.0	39.0)
Ceiling (T.E14.I....	(	130.0	0.0	35.0)	(	130.0	100.0	35.0)	(	115.0	85.0	35.0)	(	115.0	15.0	35.0)
NE Wall (T.S18.I....	(	130.0	0.0	39.0)	(	130.0	0.0	35.0)	(	115.0	15.0	35.0)	(	115.0	15.0	39.0)
NW Wall (T.E19.I....	(	130.0	100.0	39.0)	(	130.0	100.0	35.0)	(	115.0	85.0	35.0)	(	115.0	85.0	39.0)
West Wall (T.E19....	(	115.0	85.0	39.0)	(	115.0	85.0	35.0)	(	115.0	15.0	35.0)	(	115.0	15.0	39.0)
North Perim Plenu.....	(	130.0	100.0	9.0)												
North Wall (T.N2....	(	130.0	100.0	39.0)	(	130.0	100.0	35.0)	(	0.0	100.0	35.0)	(	0.0	100.0	39.0)
Roof (T.N20.E27)....	(	130.0	100.0	39.0)	(	0.0	100.0	39.0)	(	15.0	85.0	39.0)	(	115.0	85.0	39.0)
Ceiling (T.N15.I....	(	130.0	100.0	35.0)	(	0.0	100.0	35.0)	(	15.0	85.0	35.0)	(	115.0	85.0	35.0)
NW Wall (T.E19.I....	(	130.0	100.0	39.0)	(	130.0	100.0	35.0)	(	115.0	85.0	35.0)	(	115.0	85.0	39.0)
SW Wall (T.N20.I....	(	0.0	100.0	39.0)	(	0.0	100.0	35.0)	(	15.0	85.0	35.0)	(	15.0	85.0	39.0)
South Wall (T.N2....	(	15.0	85.0	39.0)	(	15.0	85.0	35.0)	(	115.0	85.0	35.0)	(	115.0	85.0	39.0)
West Perim Plenu.....	(	0.0	100.0	9.0)												
West Wall (T.W21....	(	0.0	100.0	39.0)	(	0.0	100.0	35.0)	(	0.0	0.0	35.0)	(	0.0	0.0	39.0)
Roof (T.W21.E29)....	(	0.0	100.0	39.0)	(	0.0	0.0	39.0)	(	15.0	15.0	39.0)	(	15.0	85.0	39.0)
Ceiling (T.W16.I....	(	0.0	100.0	35.0)	(	0.0	0.0	35.0)	(	15.0	15.0	35.0)	(	15.0	85.0	35.0)
NW Wall (T.S18.I....	(	15.0	15.0	39.0)	(	15.0	15.0	35.0)	(	0.0	0.0	35.0)	(	0.0	0.0	39.0)
SW Wall (T.N20.I....	(	0.0	100.0	39.0)	(	0.0	100.0	35.0)	(	15.0	85.0	35.0)	(	15.0	85.0	39.0)

East Wall (T.W21.... (	15.0	15.0	39.0) (	15.0	15.0	35.0) (	15.0	85.0	35.0) (	15.0	85.0	39.0)
Core Plenum (T.C..... (	15.0	15.0	9.0)									
Roof (T.C22.E30).... (	15.0	15.0	39.0) (	115.0	15.0	39.0) (	115.0	85.0	39.0) (	15.0	85.0	39.0)
Ceiling (T.C17.I.... (	15.0	15.0	35.0) (	115.0	15.0	35.0) (	115.0	85.0	35.0) (	15.0	85.0	35.0)
North Wall (T.S1.... (	115.0	15.0	39.0) (	115.0	15.0	35.0) (	15.0	15.0	35.0) (	15.0	15.0	39.0)
West Wall (T.E19.... (	115.0	85.0	39.0) (	115.0	85.0	35.0) (	115.0	15.0	35.0) (	115.0	15.0	39.0)
South Wall (T.N2.... (	15.0	85.0	39.0) (	15.0	85.0	35.0) (	115.0	85.0	35.0) (	115.0	85.0	39.0)
East Wall (T.W21.... (	15.0	15.0	39.0) (	15.0	15.0	35.0) (	15.0	85.0	35.0) (	15.0	85.0	39.0)

One LV-L report for each combination of window and reference point in each daylight space

3-Story Office Bldg

4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-L** DAYLIGHT FACTOR SUMMARY FOR South Perim Spac

SPACE--South Perim Spac					WINDOW--South Window (G.					REF PT NO.--1																							
AREA(SQFT)		1725.0			SC 1.00		GTC		2		VIS-TRANS		0.47		X(FT)		89.8		Y(FT)		7.5		Z(FT)		2.5								
AV REFL		0.44			H(FT)		5.0			W(FT)		39.9		ZONE-FRACTION		1.00																	
MAX-GLARE		20.0			AZIM(DEG)		180.0			TILT(DEG)		90.0		LTG-SET-POINT(FC)		50.0																	
VW-AZ(DEG)		270.0			DAY-X-DIV		21			DAY-Y-DIV		8		LTG-CTRL-TYPE		CONTINUOUS																	
					X(FT)		69.8		Y(FT)		0.0		Z(FT)		3.1																		
					WIN-SHADE-TYPE		NO-SHADE																										
SUN		WIN		SUN		SUN		EXT		EXT		DIR		REFL		DIR		REFL		DAY		DAY		WIN		WIN		BACKG		BACKG			
POS	DAY	SHD	ALT	AZIM	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	ILL	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	GLARE	
NO.	TYP	IND	(DEG)	(DEG)	-SKY	-SUN	-SKY	-SKY	-SUN	-SKY	-SKY	-SUN	-SUN	-SKY	-SKY	-SUN	-SUN	-SKY	-SKY	-SKY	-SUN	-SUN	-SKY	-SKY	-SKY	-SUN	-SUN	-SKY	-SKY	-SUN	-SUN	INDEX	
1	1	1	10.	290.	1093.6	301.1	73.3	10.6	0.0	1.0	0.0768	0.0033	0.9767	0.0000	0.0043	0.0015	17.7																
1	1	2	10.	290.	1093.6	301.1	0.0	14.1	0.0	0.7	0.0129	0.0024	0.0000	0.0000	0.0057	0.0011	0.0																
1	2	1	10.	290.	366.9	0.0	15.4	2.6	0.0	0.0	0.0491	0.0000	0.3815	0.0000	0.0032	0.0000	8.4																
1	2	2	10.	290.	366.9	0.0	0.0	3.2	0.0	0.0	0.0086	0.0000	0.0000	0.0000	0.0038	0.0000	0.0																
2	1	1	10.	235.	1093.6	301.1	169.6	19.1	240.2	13.8	0.1726	0.8435	2.5406	99.0000	0.0078	0.0204	27.7																
2	1	2	10.	235.	1093.6	301.1	0.0	27.8	0.0	21.5	0.0254	0.0715	0.0000	0.0000	0.0113	0.0318	0.0																
3	1	1	10.	180.	1093.6	301.1	268.9	29.5	301.1	31.1	0.2728	1.1031	1.8285	0.0000	0.0120	0.0459	19.7																
3	1	2	10.	180.	1093.6	301.1	0.0	44.7	0.0	49.6	0.0408	0.1649	0.0000	0.0000	0.0182	0.0733	0.0																
4	1	1	10.	125.	1093.6	301.1	169.6	19.1	240.2	13.8	0.1726	0.8435	2.5406	0.0000	0.0078	0.0204	20.8																
4	1	2	10.	125.	1093.6	301.1	0.0	27.8	0.0	21.5	0.0254	0.0715	0.0000	0.0000	0.0113	0.0318	0.0																
5	1	1	10.	70.	1093.6	301.1	73.3	10.6	0.0	1.0	0.0768	0.0033	0.9767	0.0000	0.0043	0.0015	17.7																
5	1	2	10.	70.	1093.6	301.1	0.0	14.1	0.0	0.7	0.0129	0.0024	0.0000	0.0000	0.0057	0.0011	0.0																
6	1	1	33.	290.	1606.4	3226.7	88.1	13.7	0.0	10.6	0.0634	0.0033	0.7617	0.0000	0.0038	0.0015	18.2																
6	1	2	33.	290.	1606.4	3226.7	0.0	17.6	0.0	7.6	0.0109	0.0024	0.0000	0.0000	0.0049	0.0011	0.0																
7	1	1	33.	235.	1606.4	3226.7	176.8	21.6	0.0	26.6	0.1235	0.0082	1.3821	0.0000	0.0060	0.0037	20.1																
7	1	2	33.	235.	1606.4	3226.7	0.0	30.3	0.0	33.6	0.0189	0.0104	0.0000	0.0000	0.0084	0.0046	0.0																
8	1	1	33.	180.	1606.4	3226.7	297.0	32.0	0.0	71.0	0.2048	0.0220	1.3481	0.0000	0.0089	0.0098	19.5																
8	1	2	33.	180.	1606.4	3226.7	0.0	47.3	0.0	105.8	0.0295	0.0328	0.0000	0.0000	0.0131	0.0146	0.0																
9	1	1	33.	125.	1606.4	3226.7	176.8	21.6	0.0	26.6	0.1235	0.0082	1.3821	0.0000	0.0060	0.0037	20.1																
9	1	2	33.	125.	1606.4	3226.7	0.0	30.3	0.0	33.6	0.0189	0.0104	0.0000	0.0000	0.0084	0.0046	0.0																
10	1	1	33.	70.	1606.4	3226.7	88.1	13.7	0.0	10.6	0.0634	0.0033	0.7617	0.0000	0.0038	0.0015	18.2																
10	1	2	33.	70.	1606.4	3226.7	0.0	17.6	0.0	7.6	0.0109	0.0024	0.0000	0.0000	0.0049	0.0011	0.0																
11	1	1	56.	290.	1910.6	5999.5	92.0	15.1	0.0	19.7	0.0560	0.0033	0.6046	0.0000	0.0035	0.0015	18.0																
11	1	2	56.	290.	1910.6	5999.5	0.0	18.9	0.0	14.2	0.0099	0.0024	0.0000	0.0000	0.0044	0.0011	0.0																
12	1	1	56.	235.	1910.6	5999.5	136.5	19.2	0.0	20.4	0.0815	0.0034	0.7899	0.0000	0.0045	0.0015	18.9																
12	1	2	56.	235.	1910.6	5999.5	0.0	25.6	0.0	15.4	0.0134	0.0026	0.0000	0.0000	0.0060	0.0011	0.0																
13	1	1	56.	180.	1910.6	5999.5	178.5	23.4	0.0	30.6	0.1057	0.0051	0.8384	0.0000	0.0055	0.0023	19.0																
13	1	2	56.	180.	1910.6	5999.5	0.0	32.4	0.0	32.0	0.0170	0.0053	0.0000	0.0000	0.0075	0.0024	0.0																
14	1	1	56.	125.	1910.6	5999.5	136.5	19.2	0.0	20.4	0.0815	0.0034	0.7899	0.0000	0.0045	0.0015	18.9																
14	1	2	56.	125.	1910.6	5999.5	0.0	25.6	0.0	15.4	0.0134	0.0026	0.0000	0.0000	0.0060	0.0011	0.0																
15	1	1	56.	70.	1910.6	5999.5	92.0	15.1	0.0	19.7	0.0560	0.0033	0.6046	0.0000	0.0035	0.0015	18.0																
15	1	2	56.	70.	1910.6	5999.5	0.0	18.9	0.0	14.2	0.0099	0.0024	0.0000	0.0000	0.0044	0.0011	0.0																
16	1	1	80.	290.	2556.7	7346.2	118.6	19.8	0.0	24.1	0.0541	0.0033	0.5310	0.0000	0.0034	0.0015	18.5																
16	1	2	80.	290.	2556.7	7346.2	0.0	24.6	0.0	17.4	0.0096	0.0024	0.0000	0.0000	0.0043	0.0011	0.0																
17	1	1	80.	235.	2556.7	7346.2	133.1	21.2	0.0	24.1	0.0603	0.0033	0.5705	0.0000	0.0037	0.0015	18.8																
17	1	2	80.	235.	2556.7	7346.2	0.0	26.8	0.0	17.4	0.0105	0.0024	0.0000	0.0000	0.0047	0.0011	0.0																
18	1	1	80.	180.	2556.7	7346.2	141.7	22.0	0.0	24.1	0.0640	0.0033	0.5882	0.0000	0.0038	0.0015	18.9																
18	1	2	80.	180.	2556.7	7346.2	0.0	28.2	0.0	17.4	0.0110	0.0024	0.0000	0.0000	0.0049	0.0011	0.0																
19	1	1	80.	125.	2556.7	7346.2	133.1	21.2	0.0	24.1	0.0603	0.0033	0.5705	0.0000	0.0037	0.0015	18.8																
19	1	2	80.	125.	2556.7	7346.2	0.0	26.8	0.0	17.4	0.0105	0.0024	0.0000	0.0000	0.0047	0.0011	0.0																
20	1	1	80.	70.	2556.7	7346.2	118.6	19.8	0.0	24.1	0.0541	0.0033	0.5310	0.0000	0.0034	0.0015	18.5																
20	1	2	80.	70.	2556.7	7346.2	0.0	24.6	0.0	17.4	0.0096	0.0024	0.0000	0.0000	0.0043	0.0011	0.0																

NOTE -- Above values assume VISIBLE TRANSMITTANCE = 1.0
for WINDOW glass and SHADING DEVICE.
Actual transmittances are used in the hourly calculation.

One LV-L report for each combination of window and reference point in each daylight space

3-Story Office Bldg

4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-L** DAYLIGHT FACTOR SUMMARY FOR East Perim Space

SPACE--East Perim Space				WINDOW--East Window (G.E				REF PT NO.--1									
AREA(SQFT)	1275.0			SC 1.00	GTC 2	VIS-TRANS	0.47	X(FT)	122.5	Y(FT)	50.0	Z(FT)	2.5				
AV REFL	0.44			H(FT)	5.0	W(FT)	68.7	ZONE-FRACTION	1.00								
MAX-GLARE	20.0			AZIM(DEG)	90.0	TILT(DEG)	90.0	LTG-SET-POINT(FC)	50.0								
VW-AZ(DEG)	180.0			DAY-X-DIV	36	DAY-Y-DIV	8	LTG-CTRL-TYPE	CONTINUOUS								
				X(FT)	15.6	Y(FT)	0.0	Z(FT)	3.1								
				WIN-SHADE-TYPE	NO-SHADE												
SUN	WIN	SUN	SUN	EXT	EXT	DIR	REFL	DIR	REFL	DAY	DAY	WIN	WIN	BACKG	BACKG		
POS	DAY	SHD	ALT	-SKY	-SUN	-SKY	-SKY	-SUN	-SUN	ILL	ILL	LUM	LUM	LUM	LUM	GLARE	
NO.	TYP	IND	(DEG)	(FC)	(FC)	(FC)	(FC)	(FC)	(FC)	-SKY	-SUN	-SKY	-SUN	-SKY	-SUN	INDEX	
1	1	1	10.	290.	1093.6	301.1	75.1	24.7	0.0	2.2	0.0913	0.0074	0.6429	0.0000	0.0100	0.0033	17.1
1	1	2	10.	290.	1093.6	301.1	0.0	32.5	0.0	1.6	0.0297	0.0054	0.0000	0.0000	0.0132	0.0024	0.0
1	2	1	10.	290.	366.9	0.0	15.4	6.0	0.0	0.0	0.0584	0.0000	0.2879	0.0000	0.0073	0.0000	7.8
1	2	2	10.	290.	366.9	0.0	0.0	7.2	0.0	0.0	0.0197	0.0000	0.0000	0.0000	0.0087	0.0000	0.0
2	1	1	10.	235.	1093.6	301.1	73.5	24.3	0.0	2.2	0.0895	0.0074	0.6825	0.0000	0.0099	0.0033	17.3
2	1	2	10.	235.	1093.6	301.1	0.0	31.9	0.0	1.6	0.0292	0.0054	0.0000	0.0000	0.0130	0.0024	0.0
3	1	1	10.	180.	1093.6	301.1	87.7	27.1	0.0	2.2	0.1050	0.0074	1.4036	0.0000	0.0110	0.0033	19.9
3	1	2	10.	180.	1093.6	301.1	0.0	36.4	0.0	1.6	0.0333	0.0054	0.0000	0.0000	0.0148	0.0024	0.0
4	1	1	10.	125.	1093.6	301.1	227.3	56.5	290.7	55.8	0.2595	1.1508	1.5853	99.0000	0.0230	0.0824	28.5
4	1	2	10.	125.	1093.6	301.1	0.0	83.7	0.0	87.7	0.0765	0.2913	0.0000	0.0000	0.0340	0.1295	0.0
5	1	1	10.	70.	1093.6	301.1	255.6	64.3	299.8	66.7	0.2925	1.2169	1.3735	0.0000	0.0261	0.0984	18.8
5	1	2	10.	70.	1093.6	301.1	0.0	96.1	0.0	105.2	0.0879	0.3494	0.0000	0.0000	0.0390	0.1552	0.0
6	1	1	33.	290.	1606.4	3226.7	83.4	30.5	0.0	24.0	0.0709	0.0074	0.5097	0.0000	0.0084	0.0033	17.6
6	1	2	33.	290.	1606.4	3226.7	0.0	38.4	0.0	17.4	0.0239	0.0054	0.0000	0.0000	0.0106	0.0024	0.0
7	1	1	33.	235.	1606.4	3226.7	83.1	30.3	0.0	24.0	0.0706	0.0074	0.5388	0.0000	0.0084	0.0033	17.8
7	1	2	33.	235.	1606.4	3226.7	0.0	38.2	0.0	17.4	0.0238	0.0054	0.0000	0.0000	0.0106	0.0024	0.0
8	1	1	33.	180.	1606.4	3226.7	105.1	34.7	0.0	24.0	0.0870	0.0074	0.8811	0.0000	0.0096	0.0033	19.5
8	1	2	33.	180.	1606.4	3226.7	0.0	45.2	0.0	17.4	0.0281	0.0054	0.0000	0.0000	0.0125	0.0024	0.0
9	1	1	33.	125.	1606.4	3226.7	238.8	62.0	0.0	116.2	0.1872	0.0360	1.0477	0.0000	0.0172	0.0160	18.8
9	1	2	33.	125.	1606.4	3226.7	0.0	89.2	0.0	165.6	0.0555	0.0513	0.0000	0.0000	0.0247	0.0228	0.0
10	1	1	33.	70.	1606.4	3226.7	276.6	69.8	0.0	147.6	0.2156	0.0457	0.9903	0.0000	0.0193	0.0203	18.1
10	1	2	33.	70.	1606.4	3226.7	0.0	101.7	0.0	216.1	0.0633	0.0670	0.0000	0.0000	0.0281	0.0298	0.0
11	1	1	56.	290.	1910.6	5999.5	83.3	32.7	0.0	44.6	0.0607	0.0074	0.4387	0.0000	0.0076	0.0033	17.2
11	1	2	56.	290.	1910.6	5999.5	0.0	40.0	0.0	32.4	0.0209	0.0054	0.0000	0.0000	0.0093	0.0024	0.0
12	1	1	56.	235.	1910.6	5999.5	84.4	32.9	0.0	44.6	0.0614	0.0074	0.4544	0.0000	0.0076	0.0033	17.3
12	1	2	56.	235.	1910.6	5999.5	0.0	40.3	0.0	32.4	0.0211	0.0054	0.0000	0.0000	0.0094	0.0024	0.0
13	1	1	56.	180.	1910.6	5999.5	104.1	36.9	0.0	44.6	0.0738	0.0074	0.5754	0.0000	0.0086	0.0033	18.2
13	1	2	56.	180.	1910.6	5999.5	0.0	46.8	0.0	32.4	0.0245	0.0054	0.0000	0.0000	0.0109	0.0024	0.0
14	1	1	56.	125.	1910.6	5999.5	159.4	49.1	0.0	44.6	0.1091	0.0074	0.6438	0.0000	0.0114	0.0033	18.5
14	1	2	56.	125.	1910.6	5999.5	0.0	66.4	0.0	32.4	0.0347	0.0054	0.0000	0.0000	0.0154	0.0024	0.0
15	1	1	56.	70.	1910.6	5999.5	172.3	52.1	0.0	60.6	0.1174	0.0101	0.6402	0.0000	0.0121	0.0045	18.2
15	1	2	56.	70.	1910.6	5999.5	0.0	71.2	0.0	58.1	0.0373	0.0097	0.0000	0.0000	0.0166	0.0043	0.0
16	1	1	80.	290.	2556.7	7346.2	112.5	43.8	0.0	54.6	0.0611	0.0074	0.4232	0.0000	0.0076	0.0033	17.9
16	1	2	80.	290.	2556.7	7346.2	0.0	53.7	0.0	39.6	0.0210	0.0054	0.0000	0.0000	0.0093	0.0024	0.0
17	1	1	80.	235.	2556.7	7346.2	113.8	44.1	0.0	54.6	0.0617	0.0074	0.4271	0.0000	0.0077	0.0033	17.9
17	1	2	80.	235.	2556.7	7346.2	0.0	54.1	0.0	39.6	0.0212	0.0054	0.0000	0.0000	0.0094	0.0024	0.0
18	1	1	80.	180.	2556.7	7346.2	124.4	46.4	0.0	54.6	0.0668	0.0074	0.4518	0.0000	0.0081	0.0033	18.1
18	1	2	80.	180.	2556.7	7346.2	0.0	57.8	0.0	39.6	0.0226	0.0054	0.0000	0.0000	0.0100	0.0024	0.0
19	1	1	80.	125.	2556.7	7346.2	138.8	49.5	0.0	54.6	0.0737	0.0074	0.4719	0.0000	0.0086	0.0033	18.2
19	1	2	80.	125.	2556.7	7346.2	0.0	62.9	0.0	39.6	0.0246	0.0054	0.0000	0.0000	0.0109	0.0024	0.0
20	1	1	80.	70.	2556.7	7346.2	141.3	50.1	0.0	54.6	0.0749	0.0074	0.4743	0.0000	0.0087	0.0033	18.2
20	1	2	80.	70.	2556.7	7346.2	0.0	63.7	0.0	39.6	0.0249	0.0054	0.0000	0.0000	0.0111	0.0024	0.0

NOTE -- Above values assume VISIBLE TRANSMITTANCE = 1.0
for WINDOW glass and SHADING DEVICE.
Actual transmittances are used in the hourly calculation.

One LV-A report only

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-A** General Project and Building Input

WEATHER FILE- CZ06RV2 WYEC2

PERIOD OF STUDY

STARTING DATE ENDING DATE NUMBER OF DAYS

21 DEC 2001	21 DEC 2001	1
21 JUN 2001	21 JUN 2001	1
1 JAN 2001	31 DEC 2001	365

For California Climate Zone weather files, eQUEST uses design days by default (properties are based on Title24 data).

SITE CHARACTERISTIC DATA

STATION NAME	LATITUDE (DEG)	LONGITUDE (DEG)	ALTITUDE (FT)	TIME ZONE	BUILDING AZIMUTH (DEG)
CZ06RV2 WYEC2	33.9	118.2	97.	8 PST	360.0

Weather file name shown here on most DOE-2 reports.

Building North vs True North
(+/- 360 deg, positive for clockwise rotation).

One LV-B report only

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- LV-B Summary of Spaces Occurring in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF SPACES 22 EXTERIOR 20 INTERIOR 2

SPACE	FLOOR	SPACE*FLOOR MULTIPLIER	SPACE TYPE	AZIM	LIGHTS (WATT / SQFT)	PEOPLE	EQUIP (WATT / SQFT)	INFILTRATION METHOD	ACH	AREA (SQFT)	VOLUME (CUFT)
South Perim Space	Ground Floor	1.0	EXT	0.0	1.31	10.7	1.17	AIR-CHANGE	0.17	1725.0	15525.0
East Perim Space	Ground Floor	1.0	EXT	-90.0	1.31	7.9	1.17	AIR-CHANGE	0.18	1275.0	11475.0
North Perim Space	Ground Floor	1.0	EXT	180.0	1.31	10.7	1.17	AIR-CHANGE	0.17	1725.0	15525.0
West Perim Space	Ground Floor	1.0	EXT	90.0	1.31	7.9	1.17	AIR-CHANGE	0.18	1275.0	11475.0
Core Space (G.C5)	Ground Floor	1.0	INT	0.0	1.21	58.5	0.93	AIR-CHANGE	0.01	7000.0	63000.0
Plenum (G.6)	Ground Floor	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.08	13000.0	52000.0
South Perim Space	Mid Floor	1.0	EXT	0.0	1.41	10.3	1.49	AIR-CHANGE	0.17	1725.0	15525.0
East Perim Space	Mid Floor	1.0	EXT	-90.0	1.41	7.6	1.49	AIR-CHANGE	0.18	1275.0	11475.0
North Perim Space	Mid Floor	1.0	EXT	180.0	1.41	10.3	1.49	AIR-CHANGE	0.17	1725.0	15525.0
West Perim Space	Mid Floor	1.0	EXT	90.0	1.41	7.6	1.49	AIR-CHANGE	0.18	1275.0	11475.0
Core Space (M.C1)	Mid Floor	1.0	INT	0.0	1.35	70.8	1.14	AIR-CHANGE	0.01	7000.0	63000.0
Plenum (M.12)	Mid Floor	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.08	13000.0	52000.0
South Perim Space	Top Floor	1.0	EXT	0.0	1.41	10.3	1.49	AIR-CHANGE	0.17	1725.0	15525.0
East Perim Space	Top Floor	1.0	EXT	-90.0	1.41	7.6	1.49	AIR-CHANGE	0.18	1275.0	11475.0
North Perim Space	Top Floor	1.0	EXT	180.0	1.41	10.3	1.49	AIR-CHANGE	0.17	1725.0	15525.0
West Perim Space	Top Floor	1.0	EXT	90.0	1.41	7.6	1.49	AIR-CHANGE	0.18	1275.0	11475.0
Core Space (T.C1)	Top Floor	1.0	EXT	0.0	1.35	70.8	1.14	AIR-CHANGE	0.01	7000.0	63000.0
South Perim Plenum	Top Floor	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.17	1725.0	6900.0
East Perim Plenum	Top Floor	1.0	EXT	-90.0	0.00	0.0	0.00	AIR-CHANGE	0.18	1275.0	5100.0
North Perim Plenum	Top Floor	1.0	EXT	180.0	0.00	0.0	0.00	AIR-CHANGE	0.17	1725.0	6900.0
West Perim Plenum	Top Floor	1.0	EXT	90.0	0.00	0.0	0.00	AIR-CHANGE	0.18	1275.0	5100.0
Core Plenum (T.C1)	Top Floor	1.0	EXT	0.0	0.00	0.0	0.00	AIR-CHANGE	0.02	7000.0	28000.0
BUILDING TOTALS						309.1				78000.0	507000.0

Reports only the first 16 characters of the Space name

Includes task lighting

Does not include space process electric

One LV-C report per space in the project (3 pages fpr each LV-B report, only one LV-C report included here for example)

3-Story Office Bldg DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- LV-C Details of Space South Perim Space (G.S1) WEATHER FILE- CZ06RV2 WYEC2

DATA FOR SPACE South Perim Space (G.S1) IN FLOOR Ground Floor

LOCATION OF ORIGIN IN
BUILDING COORDINATES

XB (FT)	YB (FT)	ZB (FT)	SPACE AZIMUTH (DEG)	SPACE*FLOOR MULTIPLIER	HEIGHT (FT)	AREA (SQFT)	VOLUME (CUFT)
0.00	0.00	0.00	0.00	1.0	9.00	1725.00	15525.00

TOTAL NUMBER OF SURFACES	NUMBER OF EXTERIOR SURFACES	NUMBER OF INTERIOR SURFACES	NUMBER OF UNDERGROUND SURFACES	DAYLIGHTING	SUNSPACE
6	1	4	1	YES	NO

NUMBER OF SUBSURFACES

TOTAL	EXTERIOR WINDOWS	DOORS	INTERIOR WINDOWS
3	3	0	0

FLOOR WEIGHT (LB/SQFT)	CALCULATION TEMPERATURE (F)
0.0	70.0

INFILTRATION

SCHEDULE	INFILTRATION CALCULATION METHOD	FLOW RATE (CFM/SQFT)	AIR CHANGES PER HOUR	HEIGHT TO NEUTRAL ZONE (FT)
Infil Sched	AIR-CHANGE	0.03	0.00	0.0

PEOPLE

SCHEDULE	NUMBER	AREA PER PERSON (SQFT)	PEOPLE ACTIVITY (BTU/HR)	PEOPLE SENSIBLE (BTU/HR)	PEOPLE LATENT (BTU/HR)
ask Sched	10.7	161.3	450.0	249.4	212.1

LV-C report page 2 of 3 (only one LV-C report included here for example)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- LV-C Details of Space

South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

LIGHTING

SCHEDULE	LIGHTING TYPE	LOAD (WATTS/ SQFT)	LOAD (KW)	FRACTION OF LOAD TO SPACE
s Sched	SUS-FLUOR	1.24	2.14	1.00

TASK LIGHTING

SCHEDULE	LOAD (WATTS/ SQFT)	LOAD (KW)
ask Sched	0.07	0.

ELECTRICAL EQUIPMENT

SCHEDULE	ELEC LOAD (WATTS/ SQFT)	ELEC LOAD (KW)	FRACTION OF LOAD TO SPACE	
			SENSIBLE	LATENT
Sched	1.17	2.01	1.00	0.00

INTERIOR SURFACES (U-VALUE INCLUDES BOTH AIR FILMS)

SURFACE	AREA (SQFT)	CONSTRUCTION	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACE	SURFACE-TYPE	
					QUICK	AIR
NE Wall (G.S1.I1	190.92	Int Wall Constr	2.000	East Perim Space	QUICK	AIR
North Wall (G.S1	900.00	Int Wall Constr	2.000	Core Space (G.C5	QUICK	AIR
NW Wall (G.S1.I3	190.92	Int Wall Constr	2.000	West Perim Space	QUICK	AIR
Ceiling (G.S1.I4	1725.00	Ceiling Construc	0.361	Plenum (G.6)	QUICK	STANDARD

EXTERIOR SURFACES (U-VALUE EXCLUDES OUTSIDE AIR FILM)

SURFACE	MULTIPLIER	AREA (SQFT)	WIDTH (FT)	HEIGHT (FT)	CONSTRUCTION	U-VALUE (BTU/HR-SQFT-F)	SURFACE TYPE

SURFACE	AZIMUTH (DEG)	TILT (DEG)	LOCATION OF ORIGIN IN BUILDING COORDINATES			LOCATION OF ORIGIN IN SPACE COORDINATES		
			XB (FT)	YB (FT)	ZB (FT)	X (FT)	Y (FT)	Z (FT)
South Wall (G.S1	-180.0	90.0	0.00	0.00	0.00	0.00	0.00	0.00

LV-C report page 3 of 3 (only one LV-C report included here for example)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- LV-C Details of Space

South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

UNDERGROUND SURFACES (U-VALUE INCLUDES INSIDE AIR FILM)

SURFACE	MULTIPLIER	AREA (SQFT)	CONSTRUCTION	U-VALUE (BTU/HR-SQFT-F)
Floor (G.S1.U1)	1.0	1725.00	UFCons (G.S1.U1)	0.06

EXTERIOR WINDOWS (U-VALUE INCLUDES OUTSIDE AIR FILM)

WINDOW	MULTIPLIER	GLASS AREA (SQFT)	GLASS SHADING COEFF	NUMBER OF PANES	GLASS TYPE CODE	SET- BACK (FT)	GLASS WIDTH (FT)	GLASS HEIGHT (FT)	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS
South Window (G.	1.0	199.49	0.57	2	2	0.00	39.87	5.00	0.536	0.473
South Window (G.	1.0	199.49	0.57	2	2	0.00	39.87	5.00	0.536	0.473
South Door (G.S1	1.0	35.75	0.95	1	1	0.00	5.50	6.50	0.983	0.881

WINDOW	LOCATED IN SURFACE	LOCATION OF ORIGIN IN BUILDING COORDINATES			LOCATION OF ORIGIN IN SURFACE COORDINATES	
		XB (FT)	YB (FT)	ZB (FT)	X (FT)	Y (FT)
South Window (G.	South Wall (G.S1	20.28	0.00	3.11	20.28	3.11
South Window (G.	South Wall (G.S1	69.85	0.00	3.11	69.85	3.11
South Door (G.S1	South Wall (G.S1	62.25	0.00	0.25	62.25	0.25

one LV-D report per project — always at least 2 pages long, first page(s) list each exterior surface, last page is summary

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-D** Details of Exterior Surfaces in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF EXTERIOR SURFACES 30 RECTANGULAR 0 OTHER 30
(U-VALUE INCLUDES OUTSIDE AIR FILM; WINDOW INCLUDES FRAME, IF DEFINED)

SURFACE	SPACE	- - - W I N D O W S - - -		- - - W A L L - - -		- W A L L + W I N D O W S -		AZIMUTH
		U-VALUE	AREA	U-VALUE	AREA	U-VALUE	AREA	
		(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	(BTU/HR-SQFT-F)	(SQFT)	
North Wall (G.N3	North Perim Spac	0.530	460.51	0.077	709.49	0.256	1170.00	NORTH
North Wall (G.6.	Plenum (G.6)	0.000	0.00	0.077	520.00	0.077	520.00	NORTH
North Wall (M.N9	North Perim Spac	0.502	468.00	0.077	702.00	0.247	1170.00	NORTH
North Wall (M.12	Plenum (M.12)	0.000	0.00	0.077	520.00	0.077	520.00	NORTH
North Wall (T.N1	North Perim Spac	0.502	468.00	0.077	702.00	0.247	1170.00	NORTH
North Wall (T.N2	North Perim Plen	0.000	0.00	0.077	520.00	0.077	520.00	NORTH
East Wall (M.12.	Plenum (M.12)	0.000	0.00	0.077	400.00	0.077	400.00	EAST
East Wall (G.E2.	East Perim Space	0.502	360.00	0.077	540.00	0.247	900.00	EAST
East Wall (T.E14	East Perim Space	0.502	360.00	0.077	540.00	0.247	900.00	EAST
East Wall (M.E8.	East Perim Space	0.502	360.00	0.077	540.00	0.247	900.00	EAST
East Wall (T.E19	East Perim Plenu	0.000	0.00	0.077	400.00	0.077	400.00	EAST
East Wall (G.6.E	Plenum (G.6)	0.000	0.00	0.077	400.00	0.077	400.00	EAST
South Wall (T.S1	South Perim Spac	0.502	468.00	0.077	702.00	0.247	1170.00	SOUTH
South Wall (G.6.	Plenum (G.6)	0.000	0.00	0.077	520.00	0.077	520.00	SOUTH
South Wall (M.12	Plenum (M.12)	0.000	0.00	0.077	520.00	0.077	520.00	SOUTH
South Wall (T.S1	South Perim Plen	0.000	0.00	0.077	520.00	0.077	520.00	SOUTH
South Wall (M.S7	South Perim Spac	0.502	468.00	0.077	702.00	0.247	1170.00	SOUTH
South Wall (G.S1	South Perim Spac	0.530	460.51	0.077	709.49	0.256	1170.00	SOUTH
West Wall (M.W10	West Perim Space	0.502	360.00	0.077	540.00	0.247	900.00	WEST
West Wall (T.W16	West Perim Space	0.502	360.00	0.077	540.00	0.247	900.00	WEST
West Wall (M.12.	Plenum (M.12)	0.000	0.00	0.077	400.00	0.077	400.00	WEST
West Wall (G.6.E	Plenum (G.6)	0.000	0.00	0.077	400.00	0.077	400.00	WEST
West Wall (G.W4.	West Perim Space	0.502	360.00	0.077	540.00	0.247	900.00	WEST
West Wall (T.W21	West Perim Plenu	0.000	0.00	0.077	400.00	0.077	400.00	WEST

LV-D (continued) — one LV-D report per project — page 2 of 3 in this example

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-D** Details of Exterior Surfaces in the Project

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

Roof (T.E19.E25)	East Perim Plenu	0.000	0.00	0.042	1275.00	0.042	1275.00	ROOF
Roof (T.S18.E23)	South Perim Plen	0.000	0.00	0.042	1725.00	0.042	1725.00	ROOF
Roof (T.N20.E27)	North Perim Plen	0.000	0.00	0.042	1725.00	0.042	1725.00	ROOF
Skylt Roof (T.C1	Core Space (T.C1	0.842	256.00	0.001	6744.00	0.032	7000.00	ROOF
Roof (T.W21.E29)	West Perim Plenu	0.000	0.00	0.042	1275.00	0.042	1275.00	ROOF
Roof (T.C22.E30)	Core Plenum (T.C	0.000	0.00	0.042	7000.00	0.042	7000.00	ROOF
Floor (G.S1.U1)	South Perim Spac	0.000	0.00	0.058	1725.00	0.058	1725.00	UNDERGRND
Floor (G.E2.U2)	East Perim Space	0.000	0.00	0.061	1275.00	0.061	1275.00	UNDERGRND
Floor (G.N3.U3)	North Perim Spac	0.000	0.00	0.058	1725.00	0.058	1725.00	UNDERGRND
Floor (G.W4.U4)	West Perim Space	0.000	0.00	0.061	1275.00	0.061	1275.00	UNDERGRND
Floor (G.C5.U5)	Core Space (G.C5	0.000	0.00	0.010	7000.00	0.010	7000.00	UNDERGRND

LV-D (continued) — one LV-D report per project (page 3 of 3 in this example) — this last page is a whole-building summary

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-D** Details of Exterior Surfaces in the Project

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

	AVERAGE U-VALUE/WINDOWS (BTU/HR-SQFT-F)	AVERAGE U-VALUE/WALLS (BTU/HR-SQFT-F)	AVERAGE U-VALUE WALLS+WINDOWS (BTU/HR-SQFT-F)	WINDOW AREA (SQFT)	WALL AREA (SQFT)	WINDOW+WALL AREA (SQFT)
NORTH	0.511	0.077	0.197	1396.51	3673.49	5070.00
EAST	0.502	0.077	0.195	1080.00	2820.00	3900.00
SOUTH	0.511	0.077	0.197	1396.51	3673.49	5070.00
WEST	0.502	0.077	0.195	1080.00	2820.00	3900.00
ROOF	0.842	0.028	0.038	256.00	19744.00	20000.00
ALL WALLS	0.507	0.077	0.196	4953.02	12986.98	17940.00
WALLS+ROOFS	0.524	0.048	0.113	5209.02	32730.98	37940.00
UNDERGRND	0.000	0.033	0.033	0.00	13000.00	13000.00
BUILDING	0.524	0.043	0.092	5209.02	45730.98	50940.00

Frame effects
can make these
differ

Overall
wall (only)
u-value

Overall
wall+win
u-value

Will report up to
8 orientations
(relative to true
north, after any
bldg rotation)

U-Values reported here include exterior film
resistance effect (assumes 7.5 mph wind)

Includes window
frame area (if any)

Areas are reported
after the effect of
multipliers, if any.

**** Important Report ****

One LV-E report only

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-E** Details of Underground Surfaces in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF UNDERGROUND SURFACES 5

SURFACE NAME	MULTIPLIER	AREA (SQFT)	CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)
Floor (G.S1.U1)	1.0	1725.00	UFCons (G.S1.U1)	0.058
Floor (G.E2.U2)	1.0	1275.00	UFCons (G.E2.U2)	0.061
Floor (G.N3.U3)	1.0	1725.00	UFCons (G.N3.U3)	0.058
Floor (G.W4.U4)	1.0	1275.00	UFCons (G.W4.U4)	0.061
Floor (G.C5.U5)	1.0	7000.00	UFCons (G.C5.U5)	0.010

One LV-F report only (may require more than one page to list all interior surfaces)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-F** Details of Interior Surfaces in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF INTERIOR SURFACES 57
(U-VALUE INCLUDES BOTH AIR FILMS)

SURFACE NAME	AREA (SQFT)	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
NE Wall (G.S1.I1	190.92	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	East Perim Space
North Wall (G.S1	900.00	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	Core Space (G.C5
NW Wall (G.S1.I3	190.92	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	West Perim Space
Ceiling (G.S1.I4	1725.00	Ceiling Construc	QUICK STANDARD	0.361	South Perim Spac	Plenum (G.6)
NW Wall (G.E2.I5	190.92	Int Wall Constr	QUICK AIR	2.000	East Perim Space	North Perim Spac
West Wall (G.E2.	630.00	Int Wall Constr	QUICK AIR	2.000	East Perim Space	Core Space (G.C5
Ceiling (G.E2.I7	1275.00	Ceiling Construc	QUICK STANDARD	0.361	East Perim Space	Plenum (G.6)
SW Wall (G.N3.I8	190.92	Int Wall Constr	QUICK AIR	2.000	North Perim Spac	West Perim Space
South Wall (G.N3	900.00	Int Wall Constr	QUICK AIR	2.000	North Perim Spac	Core Space (G.C5
Ceiling (G.N3.I1	1725.00	Ceiling Construc	QUICK STANDARD	0.361	North Perim Spac	Plenum (G.6)
East Wall (G.W4.	630.00	Int Wall Constr	QUICK AIR	2.000	West Perim Space	Core Space (G.C5
Ceiling (G.W4.I1	1275.00	Ceiling Construc	QUICK STANDARD	0.361	West Perim Space	Plenum (G.6)
Ceiling (G.C5.I1	7000.00	Ceiling Construc	QUICK STANDARD	0.361	Core Space (G.C5	Plenum (G.6)
Floor (M.S7.I14)	1725.00	Int Flr Construc	DELAYED STANDARD	0.567	South Perim Spac	Plenum (G.6)
NE Wall (M.S7.I1	190.92	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	East Perim Space
North Wall (M.S7	900.00	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	Core Space (M.C1
NW Wall (M.S7.I1	190.92	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	West Perim Space
Ceiling (M.S7.I1	1725.00	Ceiling Construc	QUICK STANDARD	0.361	South Perim Spac	Plenum (M.12)
Floor (M.E8.I19)	1275.00	Int Flr Construc	DELAYED STANDARD	0.567	East Perim Space	Plenum (G.6)
NW Wall (M.E8.I2	190.92	Int Wall Constr	QUICK AIR	2.000	East Perim Space	North Perim Spac
West Wall (M.E8.	630.00	Int Wall Constr	QUICK AIR	2.000	East Perim Space	Core Space (M.C1
Ceiling (M.E8.I2	1275.00	Ceiling Construc	QUICK STANDARD	0.361	East Perim Space	Plenum (M.12)
Floor (M.N9.I23)	1725.00	Int Flr Construc	DELAYED STANDARD	0.567	North Perim Spac	Plenum (G.6)
SW Wall (M.N9.I2	190.92	Int Wall Constr	QUICK AIR	2.000	North Perim Spac	West Perim Space
South Wall (M.N9	900.00	Int Wall Constr	QUICK AIR	2.000	North Perim Spac	Core Space (M.C1
Ceiling (M.N9.I2	1725.00	Ceiling Construc	QUICK STANDARD	0.361	North Perim Spac	Plenum (M.12)
Floor (M.W10.I27	1275.00	Int Flr Construc	DELAYED STANDARD	0.567	West Perim Space	Plenum (G.6)
East Wall (M.W10	630.00	Int Wall Constr	QUICK AIR	2.000	West Perim Space	Core Space (M.C1
Ceiling (M.W10.I	1275.00	Ceiling Construc	QUICK STANDARD	0.361	West Perim Space	Plenum (M.12)
Floor (M.C11.I30	7000.00	Int Flr Construc	DELAYED STANDARD	0.567	Core Space (M.C1	Plenum (G.6)
Ceiling (M.C11.I	7000.00	Ceiling Construc	QUICK STANDARD	0.361	Core Space (M.C1	Plenum (M.12)
Floor (T.S13.I32	1725.00	Int Flr Construc	DELAYED STANDARD	0.567	South Perim Spac	Plenum (M.12)
NE Wall (T.S13.I	190.92	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	East Perim Space
North Wall (T.S1	900.00	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	Core Space (T.C1
NW Wall (T.S13.I	190.92	Int Wall Constr	QUICK AIR	2.000	South Perim Spac	West Perim Space
Ceiling (T.S13.I	1725.00	Ceiling Construc	QUICK STANDARD	0.361	South Perim Spac	South Perim Plen
Floor (T.E14.I37	1275.00	Int Flr Construc	DELAYED STANDARD	0.567	East Perim Space	Plenum (M.12)
NW Wall (T.E14.I	190.92	Int Wall Constr	QUICK AIR	2.000	East Perim Space	North Perim Spac
West Wall (T.E14	630.00	Int Wall Constr	QUICK AIR	2.000	East Perim Space	Core Space (T.C1
Ceiling (T.E14.I	1275.00	Ceiling Construc	QUICK STANDARD	0.361	East Perim Space	East Perim Plenu
Floor (T.N15.I41	1725.00	Int Flr Construc	DELAYED STANDARD	0.567	North Perim Spac	Plenum (M.12)
SW Wall (T.N15.I	190.92	Int Wall Constr	QUICK AIR	2.000	North Perim Spac	West Perim Space
South Wall (T.N1	900.00	Int Wall Constr	QUICK AIR	2.000	North Perim Spac	Core Space (T.C1
Ceiling (T.N15.I	1725.00	Ceiling Construc	QUICK STANDARD	0.361	North Perim Spac	North Perim Plen
Floor (T.W16.I45	1275.00	Int Flr Construc	DELAYED STANDARD	0.567	West Perim Space	Plenum (M.12)
East Wall (T.W16	630.00	Int Wall Constr	QUICK AIR	2.000	West Perim Space	Core Space (T.C1
Ceiling (T.W16.I	1275.00	Ceiling Construc	QUICK STANDARD	0.361	West Perim Space	West Perim Plenu
Floor (T.C17.I48	7000.00	Int Flr Construc	DELAYED STANDARD	0.567	Core Space (T.C1	Plenum (M.12)
Ceiling (T.C17.I	7000.00	Ceiling Construc	QUICK STANDARD	0.361	Core Space (T.C1	Core Plenum (T.C

One LV-F report — continued (page 2 of 2 — larger projects, i.e., more interior surfaces will require more pages)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-F** Details of Interior Surfaces in the Project

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

SURFACE NAME	AREA (SQFT)	CONSTRUCTION NAME	SURFACE TYPE	U-VALUE (BTU/HR-SQFT-F)	ADJACENT SPACES	
					SPACE-1	SPACE-2
NE Wall (T.S18.I	84.85	Int Wall Constr	QUICK AIR	2.000	South Perim Plen	East Perim Plenu
North Wall (T.S1	400.00	Int Wall Constr	QUICK AIR	2.000	South Perim Plen	Core Plenum (T.C
NW Wall (T.S18.I	84.85	Int Wall Constr	QUICK AIR	2.000	South Perim Plen	West Perim Plenu
NW Wall (T.E19.I	84.85	Int Wall Constr	QUICK AIR	2.000	East Perim Plenu	North Perim Plen
West Wall (T.E19	280.00	Int Wall Constr	QUICK AIR	2.000	East Perim Plenu	Core Plenum (T.C
SW Wall (T.N20.I	84.85	Int Wall Constr	QUICK AIR	2.000	North Perim Plen	West Perim Plenu
South Wall (T.N2	400.00	Int Wall Constr	QUICK AIR	2.000	North Perim Plen	Core Plenum (T.C
East Wall (T.W21	280.00	Int Wall Constr	QUICK AIR	2.000	West Perim Plenu	Core Plenum (T.C

One LV-G report only (will likely require more than one page to list all schedules, only one page shown here for example)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-G** Details of Schedules Occurring in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF SCHEDULES 36 (NON DIMENSIONLESS SCHEDULES ARE GIVEN IN ENGLISH UNITS)

SCHEDULE Typ Core Occ/Tas

THROUGH 31 12

FOR DAYS SUN HOL

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS MON TUE WED THU FRI HDD CDD

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS SAT

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SCHEDULE Typ Core Lights

THROUGH 31 12

FOR DAYS SUN HOL

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FOR DAYS MON TUE WED THU FRI HDD CDD

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.47	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.47	0.03	0.03	0.03	0.03	0.03	0.03

One LV-H report only (may require more than one page to list all windows in the project)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-H** Details of Windows Occurring in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF WINDOWS 32 RECTANGULAR 0 OTHER 32

RECTANGULAR WINDOWS (U-VALUES INCLUDE OUTSIDE AIR FILM)

WINDOW NAME	MULTIPLIER	GLASS AREA (SQFT)	GLASS HEIGHT (FT)	GLASS WIDTH (FT)	LOCATION OF ORIGIN IN SURFACE COORDINATES		FRAME AREA (SQFT)	FRAME U-VALUE (BTU/HR-SQFT-F)
					X (FT)	Y (FT)		
South Window (G.	1.0	199.49	5.00	39.87	20.28	3.11	9.77	0.384
South Window (G.	1.0	199.49	5.00	39.87	69.85	3.11	9.77	0.384
South Door (G.S1	1.0	35.75	6.50	5.50	62.25	0.25	6.25	0.384
East Window (G.E	1.0	343.97	5.00	68.75	15.63	3.11	16.03	0.384
North Window (G.	1.0	199.49	5.00	39.87	20.28	3.11	9.77	0.384
North Window (G.	1.0	199.49	5.00	39.87	69.85	3.11	9.77	0.384
North Door (G.N3	1.0	35.75	6.50	5.50	62.25	0.25	6.25	0.384
West Window (G.W	1.0	343.97	5.00	68.75	15.63	3.11	16.03	0.384
South Window (M.	1.0	447.49	5.00	89.44	20.28	3.11	20.51	0.384
East Window (M.E	1.0	343.97	5.00	68.75	15.63	3.11	16.03	0.384
North Window (M.	1.0	447.49	5.00	89.44	20.28	3.11	20.51	0.384
West Window (M.W	1.0	343.97	5.00	68.75	15.63	3.11	16.03	0.384
South Window (T.	1.0	447.49	5.00	89.44	20.28	3.11	20.51	0.384
East Window (T.E	1.0	343.97	5.00	68.75	15.63	3.11	16.03	0.384
North Window (T.	1.0	447.49	5.00	89.44	20.28	3.11	20.51	0.384
West Window (T.W	1.0	343.97	5.00	68.75	15.63	3.11	16.03	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	58.40	43.40	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	79.19	43.40	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	37.61	43.40	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	58.40	64.19	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	58.40	22.61	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	37.61	64.19	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	79.19	64.19	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	37.61	22.61	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	79.19	22.61	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	16.82	43.40	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	58.40	1.82	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	16.82	22.61	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	16.82	64.19	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	37.61	1.82	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	79.19	1.82	0.00	0.384
Skylight (T.C17.	1.0	16.00	4.00	4.00	16.82	1.82	0.00	0.384

WINDOW NAME	SETBACK (FT)	X-DIVISIONS	GLASS SHADING COEFF	NUMBER OF PANES	GLASS TYPE CODE	INFILTRATION FLOW COEFF	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS
South Window (G.	0.00	10	0.57	2	2	0.0	0.536	0.473
South Window (G.	0.00	10	0.57	2	2	0.0	0.536	0.473
South Door (G.S1	0.00	10	0.95	1	1	0.0	0.983	0.881
East Window (G.E	0.00	10	0.57	2	2	0.0	0.536	0.473
North Window (G.	0.00	10	0.57	2	2	0.0	0.536	0.473
North Window (G.	0.00	10	0.57	2	2	0.0	0.536	0.473
North Door (G.N3	0.00	10	0.95	1	1	0.0	0.983	0.881
West Window (G.W	0.00	10	0.57	2	2	0.0	0.536	0.473
South Window (M.	0.00	10	0.57	2	2	0.0	0.536	0.473
East Window (M.E	0.00	10	0.57	2	2	0.0	0.536	0.473

One LV-H report — continued (page 2 of 2 — larger projects, i.e., more windows will require more pages)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-H** Details of Windows Occurring in the Project

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

WINDOW NAME	SETBACK (FT)	X-DIVISIONS	GLASS SHADING COEFF	NUMBER OF PANES	GLASS TYPE CODE	INFILTRATION FLOW COEFF	CENTER-OF- GLASS U-VALUE (BTU/HR-SQFT-F)	GLASS VISIBLE TRANS
North Window (M.	0.00	10	0.57	2	2	0.0	0.536	0.473
West Window (M.W	0.00	10	0.57	2	2	0.0	0.536	0.473
South Window (T.	0.00	10	0.57	2	2	0.0	0.536	0.473
East Window (T.E	0.00	10	0.57	2	2	0.0	0.536	0.473
North Window (T.	0.00	10	0.57	2	2	0.0	0.536	0.473
West Window (T.W	0.00	10	0.57	2	2	0.0	0.536	0.473
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495
Skylight (T.C17.	0.00	10	0.54	-99	-1	0.0	0.921	0.495

One LV-I report only (may require more than one page to list all constructions in the project)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-I** Details of Constructions Occurring in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF CONSTRUCTIONS 11 DELAYED 8 QUICK 3

CONSTRUCTION NAME	U-VALUE (BTU/HR-SQFT-F)	SURFACE ABSORPTANCE	SURFACE ROUGHNESS INDEX	SURFACE TYPE	NUMBER OF RESPONSE FACTORS
Ext Wall Construc	0.080	0.60	3	DELAYED	9
Roof Constructio	0.043	0.60	3	DELAYED	7
Ceiling Construc	0.361	0.70	3	QUICK	0
Int Wall Construc	2.000	0.70	3	QUICK	0
Int Flr Construc	0.567	0.70	3	DELAYED	4
UFCons (G.S1.U1)	0.058	0.70	3	DELAYED	49
UFCons (G.E2.U2)	0.061	0.70	3	DELAYED	48
UFCons (G.N3.U3)	0.058	0.70	3	DELAYED	49
UFCons (G.W4.U4)	0.061	0.70	3	DELAYED	48
UFCons (G.C5.U5)	0.010	0.70	3	DELAYED	52
Skylt Roof Const	0.001	0.00	1	QUICK	0

One LV-I report only (may require more than one page to list all Building-Shades in large projects)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LV-J** Details of Building Shades in the Project

WEATHER FILE- CZ06RV2 WYEC2

NUMBER OF BUILDING SHADES 0 RECTANGULAR 0 OTHER 0

Up to two LS-A reports per project — one reports the Design Day run (if any), the other reports the weather file run

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-A** Space Peak Loads Summary

This tag indicates this report documents only Design Day results (not weather file results).

DESIGN DAY

WEATHER FILE- CZ06RV2 WYEC2

The weather file is reported, even though this is a Design Day report (may cause confusion)

SPACE NAME	MULTIPLIER SPACE FLOOR	COOLING LOAD (KBTU/HR)	TIME OF PEAK	DRY- BULB	WET- BULB	HEATING LOAD (KBTU/HR)	TIME OF PEAK	DRY- BULB	WET- BULB
South Perim Space (G.S1)	1. 1.	19.514	JUN 21 3 PM	91.F	67.F	-10.104	DEC 21 7 AM	37.F	31.F
East Perim Space (G.E2)	1. 1.	27.845	JUN 21 9 AM	81.F	64.F	-7.639	DEC 21 7 AM	37.F	31.F
North Perim Space (G.N3)	1. 1.	19.176	JUN 21 5 PM	91.F	67.F	-10.511	DEC 21 7 AM	37.F	31.F
West Perim Space (G.W4)	1. 1.	26.713	JUN 21 6 PM	90.F	67.F	-7.894	DEC 21 7 AM	37.F	31.F
Core Space (G.C5)	1. 1.	52.562	JUN 21 5 PM	91.F	67.F	0.000		0.F	0.F
Plenum (G.6)	1. 1.	5.920	JUN 21 7 PM	89.F	66.F	-7.259	DEC 21 7 AM	37.F	31.F
South Perim Space (M.S7)	1. 1.	23.488	JUN 21 5 PM	91.F	67.F	-9.293	DEC 21 7 AM	37.F	31.F
East Perim Space (M.E8)	1. 1.	31.165	JUN 21 9 AM	81.F	64.F	-7.193	DEC 21 7 AM	37.F	31.F
North Perim Space (M.N9)	1. 1.	23.273	JUN 21 5 PM	91.F	67.F	-9.630	DEC 21 7 AM	37.F	31.F
West Perim Space (M.W10)	1. 1.	30.948	JUN 21 7 PM	89.F	66.F	-7.449	DEC 21 7 AM	37.F	31.F
Core Space (M.C11)	1. 1.	62.429	JUN 21 5 PM	91.F	67.F	0.000		0.F	0.F
Plenum (M.12)	1. 1.	5.920	JUN 21 7 PM	89.F	66.F	-7.259	DEC 21 7 AM	37.F	31.F
South Perim Space (T.S13)	1. 1.	23.488	JUN 21 5 PM	91.F	67.F	-9.293	DEC 21 7 AM	37.F	31.F
East Perim Space (T.E14)	1. 1.	31.165	JUN 21 9 AM	81.F	64.F	-7.193	DEC 21 7 AM	37.F	31.F
North Perim Space (T.N15)	1. 1.	23.273	JUN 21 5 PM	91.F	67.F	-9.630	DEC 21 7 AM	37.F	31.F
West Perim Space (T.W16)	1. 1.	30.948	JUN 21 7 PM	89.F	66.F	-7.449	DEC 21 7 AM	37.F	31.F
Core Space (T.C17)	1. 1.	71.379	JUN 21 5 PM	91.F	67.F	-1.143	DEC 21 7 AM	37.F	31.F
South Perim Plenum (T.S18)	1. 1.	6.718	JUN 21 3 PM	91.F	67.F	-4.555	DEC 21 6 AM	37.F	31.F
East Perim Plenum (T.E19)	1. 1.	4.993	JUN 21 2 PM	90.F	66.F	-3.427	DEC 21 6 AM	37.F	31.F
North Perim Plenum (T.N20)	1. 1.	6.279	JUN 21 3 PM	91.F	67.F	-4.552	DEC 21 6 AM	37.F	31.F
West Perim Plenum (T.W21)	1. 1.	5.257	JUN 21 5 PM	91.F	67.F	-3.424	DEC 21 6 AM	37.F	31.F
Core Plenum (T.C22)	1. 1.	17.881	JUN 21 4 PM	91.F	67.F	-10.749	DEC 21 7 AM	37.F	31.F
SUM		550.335				-145.645			
BUILDING PEAK		455.220	JUN 21 5 PM	91.F	67.F	-104.421	DEC 21 7 AM	37.F	31.F

Sensible only

Reported BEFORE the application of Space or Floor Multipliers

Reported AFTER the application of Space or Floor Multipliers

Sum of Space Loads (non-coincident peak load)

Coincident whole-building peak Space Load ("block" load)

Important Notes:

Reports LS-B through LS-L for the Design Day simulation results have been excluded from this listing to save space. The LS-B through LS-L reports that follow document weather file simulation results.

A "load" reported in the LOADS ("LS-") reports is defined as the amount of heat that must be added or removed from the space air per hour to maintain a constant air temperature equal to the TEMPERATURE keyword value in SPACE. These loads are modified in the SYSTEMS program ("SS-" reports) to account for time-varying air temperatures. This EXCLUDES outside air ventilation load, duct loss/gain, fan motor heat, and light heat from the top of trouffers, all of which are accounted for in the SYSTEMS part of the calculation (see the "SS-" reports).

**** Important Report ****

Up to two LS-A reports per project — one reports the Design Day run (if any), the other reports the weather file run

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-A** Space Peak Loads Summary

No "Design Day" tag indicates
this report documents weather
file results.

WEATHER FILE- CZ06RV2 WYEC2

SPACE NAME	MULTIPLIER SPACE	FLOOR	COOLING LOAD (KBTU/HR)	TIME OF PEAK	DRY- BULB	WET- BULB	HEATING LOAD (KBTU/HR)	TIME OF PEAK	DRY- BULB	WET- BULB
South Perim Space (G.S1)	1.	1.	44.220	DEC 19 1 PM	79.F	53.F	-8.118	JAN 1 7 AM	39.F	31.F
East Perim Space (G.E2)	1.	1.	27.192	APR 5 9 AM	65.F	49.F	-7.370	JAN 1 7 AM	39.F	31.F
North Perim Space (G.N3)	1.	1.	17.045	AUG 31 3 PM	87.F	63.F	-10.318	JAN 1 7 AM	39.F	31.F
West Perim Space (G.W4)	1.	1.	25.759	APR 4 5 PM	81.F	52.F	-7.303	JAN 1 7 AM	39.F	31.F
Core Space (G.C5)	1.	1.	52.674	AUG 31 5 PM	83.F	63.F	-0.985	JAN 1 7 AM	39.F	31.F
Plenum (G.6)	1.	1.	3.819	AUG 31 5 PM	83.F	63.F	-6.732	DEC 29 7 AM	39.F	31.F
South Perim Space (M.S7)	1.	1.	51.943	DEC 19 2 PM	79.F	53.F	-9.663	JAN 1 7 AM	39.F	31.F
East Perim Space (M.E8)	1.	1.	31.809	APR 5 10 AM	74.F	53.F	-7.617	JAN 1 7 AM	39.F	31.F
North Perim Space (M.N9)	1.	1.	21.042	AUG 31 3 PM	87.F	63.F	-9.913	JAN 1 7 AM	39.F	31.F
West Perim Space (M.W10)	1.	1.	30.697	MAR 15 5 PM	65.F	58.F	-7.515	JAN 1 7 AM	39.F	31.F
Core Space (M.C11)	1.	1.	62.357	AUG 31 5 PM	83.F	63.F	-0.230	JAN 1 7 AM	39.F	31.F
Plenum (M.12)	1.	1.	3.819	AUG 31 5 PM	83.F	63.F	-6.732	DEC 29 7 AM	39.F	31.F
South Perim Space (T.S13)	1.	1.	51.943	DEC 19 2 PM	79.F	53.F	-9.663	JAN 1 7 AM	39.F	31.F
East Perim Space (T.E14)	1.	1.	31.809	APR 5 10 AM	74.F	53.F	-7.617	JAN 1 7 AM	39.F	31.F
North Perim Space (T.N15)	1.	1.	21.042	AUG 31 3 PM	87.F	63.F	-9.913	JAN 1 7 AM	39.F	31.F
West Perim Space (T.W16)	1.	1.	30.697	MAR 15 5 PM	65.F	58.F	-7.515	JAN 1 7 AM	39.F	31.F
Core Space (T.C17)	1.	1.	71.398	JUL 10 5 PM	85.F	67.F	-6.882	JAN 1 7 AM	39.F	31.F
South Perim Plenum (T.S18)	1.	1.	6.487	MAR 6 2 PM	75.F	53.F	-5.478	DEC 29 6 AM	39.F	31.F
East Perim Plenum (T.E19)	1.	1.	4.618	JUL 29 12 NOON	83.F	71.F	-4.112	DEC 29 6 AM	39.F	31.F
North Perim Plenum (T.N20)	1.	1.	5.224	SEP 8 3 PM	84.F	72.F	-5.481	DEC 29 6 AM	39.F	31.F
West Perim Plenum (T.W21)	1.	1.	4.085	SEP 8 3 PM	84.F	72.F	-4.110	DEC 29 6 AM	39.F	31.F
Core Plenum (T.C22)	1.	1.	13.991	JUN 20 3 PM	82.F	72.F	-13.250	DEC 29 6 AM	39.F	31.F
SUM			613.670				-156.514			
BUILDING PEAK			447.772	DEC 19 3 PM	77.F	53.F	-110.620	JAN 1 7 AM	39.F	31.F

Important Note:

Compare the peak space cooling loads reported on this report (results from the weather file) with the previous LS-A report (for Design Day results). Note that the south spaces peak at times other than during the summer. In this example, this is due to lower solar angles (increased solar heat gain) in non-summer months. If Design Days are specified and DOE-2 is "asked" to size HVAC equipment, it will rely on the Design Day weather data to do so, hence, in this case, the air flow for the south spaces will be undersized.

**** Important Report ****

One LS-B report per space — only six are shown here (one each for the ground floor zones (others have been omitted for brevity))

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-B** Space Peak Load Components South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

SPACE South Perim Space (G.S1)

SPACE TEMPERATURE USED FOR THE LOADS CALCULATION IS 70 F / 21 C

Important Note:

Loads reported here, i.e., at the space level, are reported BEFORE the application of Space and Floor Multipliers, if any.

MULTIPLIER	1.0	FLOOR MULTIPLIER	1.0
FLOOR AREA	1725 SQFT	160 M2	
VOLUME	15525 CUFT	440 M3	

TIME	COOLING LOAD	
	DEC 19	1PM
DRY-BULB TEMP	79 F	26 C
WET-BULB TEMP	53 F	12 C
TOT HORIZONTAL SOLAR RAD	162 BTU/H.SQFT	510 W/M2
WINDSPEED AT SPACE	0.0 KTS	0.0 M/S
CLOUD AMOUNT 0(CLEAR)-10	0	

HEATING LOAD	
JAN 1	7AM
39 F	4 C
31 F	-1 C
0 BTU/H.SQFT	0 W/M2
2.6 KTS	1.3 M/S
1	

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)
WALL CONDUCTION	2.677	0.785	0.000	0.000	-1.555	-0.455
ROOF CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000
WINDOW GLASS+FRM COND	13.948	4.087	0.000	0.000	-6.240	-1.828
WINDOW GLASS SOLAR	20.571	6.027	0.000	0.000	2.176	0.638
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	-0.877	-0.257	0.000	0.000	-1.036	-0.303
OCCUPANTS TO SPACE	1.880	0.551	2.042	0.598	0.000	0.000
LIGHT TO SPACE	0.862	0.253	0.000	0.000	0.000	0.000
EQUIPMENT TO SPACE	4.946	1.449	0.000	0.000	0.000	0.000
PROCESS TO SPACE	0.000	0.000	0.000	0.000	0.000	0.000
INFILTRATION	0.212	0.062	0.000	0.000	-1.464	-0.429
TOTAL	44.220	12.956	2.042	0.598	-8.117	-2.378
TOTAL / AREA	0.026	0.081	0.001	0.004	-0.005	-0.015
TOTAL LOAD	46.262 KBTU/H	13.555 KW	13.555 KW		-8.117 KBTU/H	-2.378 KW
TOTAL LOAD / AREA	26.82 BTU/H.SQFT	84.581 W/M2	84.581 W/M2		4.706 BTU/H.SQFT	14.841 W/M2

*
* NOTE 1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR
* ---- LOADS
* 2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION
* IN CONSIDERATION
* 3)THE ABOVE LOADS ARE CALCULATED ASSUMING A
* CONSTANT INDOOR SPACE TEMPERATURE
*

Outside ventilation air is accounted for in the SYSTEMS part of the program, i.e., in "SS-" reports)

One LS-B report per space — only five are shown here (page 2 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-B** Space Peak Load Components East Perim Space (G.E2)

WEATHER FILE- CZ06RV2 WYEC2

SPACE East Perim Space (G.E2)

SPACE TEMPERATURE USED FOR THE LOADS CALCULATION IS 70 F / 21 C

Important Note:

Loads reported here, i.e., at the space level, are reported **BEFORE** the application of Space and Floor Multipliers, if any.

MULTIPLIER	1.0	FLOOR MULTIPLIER	1.0
FLOOR AREA	1275 SQFT	118 M2	
VOLUME	11475 CUFT	325 M3	

TIME	COOLING LOAD				HEATING LOAD			
	APR 5 9AM				JAN 1 7AM			
DRY-BULB TEMP	65 F		18 C		39 F		4 C	
WET-BULB TEMP	49 F		9 C		31 F		-1 C	
TOT HORIZONTAL SOLAR RAD	108 BTU/H.SQFT		340 W/M2		0 BTU/H.SQFT		0 W/M2	
WINDSPEED AT SPACE	2.0 KTS		1.0 M/S		2.6 KTS		1.3 M/S	
CLOUD AMOUNT 0(CLEAR)-10	0				1			

	SENSIBLE		LATENT		SENSIBLE		
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)	
WALL CONDUCTION	0.364	0.107	0.000	0.000	-1.229	-0.360	
ROOF CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000	
WINDOW GLASS+FRM COND	8.547	2.504	0.000	0.000	-4.819	-1.412	
WINDOW GLASS SOLAR	14.097	4.130	0.000	0.000	0.599	0.176	
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	-0.841	-0.246	0.000	0.000	-0.796	-0.233	
OCCUPANTS TO SPACE	1.271	0.372	1.509	0.442	0.000	0.000	
LIGHT TO SPACE	0.583	0.171	0.000	0.000	0.000	0.000	
EQUIPMENT TO SPACE	3.397	0.995	0.000	0.000	0.000	0.000	
PROCESS TO SPACE	0.000	0.000	0.000	0.000	0.000	0.000	
INFILTRATION	-0.226	-0.066	0.000	0.000	-1.126	-0.330	
TOTAL	27.192	7.967	1.509	0.442	-7.370	-2.159	
TOTAL / AREA	0.021	0.067	0.001	0.004	-0.006	-0.018	
TOTAL LOAD	28.702 KBTU/H		8.410 KW		-7.370 KBTU/H		-2.159 KW
TOTAL LOAD / AREA	22.51 BTU/H.SQFT		70.996 W/M2		5.781 BTU/H.SQFT		18.231 W/M2

* NOTE 1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR *

* ---- LOADS *

* 2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION *

* IN CONSIDERATION *

* 3)THE ABOVE LOADS ARE CALCULATED ASSUMING A *

* CONSTANT INDOOR SPACE TEMPERATURE *

One LS-B report per space — only five are shown here (page 3 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-B** Space Peak Load Components North Perim Space (G.N3)

WEATHER FILE- CZ06RV2 WYEC2

SPACE North Perim Space (G.N3)

SPACE TEMPERATURE USED FOR THE LOADS CALCULATION IS 70 F / 21 C

Important Note:

Loads reported here, i.e., at the space level, are reported BEFORE the application of Space and Floor Multipliers, if any.

MULTIPLIER	1.0	FLOOR MULTIPLIER	1.0
FLOOR AREA	1725 SQFT	160 M2	
VOLUME	15525 CUFT	440 M3	

TIME	COOLING LOAD	
	=====	
	AUG 31	3PM
DRY-BULB TEMP	87 F	31 C
WET-BULB TEMP	63 F	17 C
TOT HORIZONTAL SOLAR RAD	257 BTU/H.SQFT	810 W/M2
WINDSPEED AT SPACE	8.5 KTS	4.4 M/S
CLOUD AMOUNT 0(CLEAR)-10	1	

HEATING LOAD	
=====	
	JAN 1 7AM
	39 F 4 C
	31 F -1 C
	0 BTU/H.SQFT 0 W/M2
	2.6 KTS 1.3 M/S
	1

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)
	-----	-----	-----	-----	-----	-----
WALL CONDUCTION	0.888	0.260	0.000	0.000	-1.646	-0.482
ROOF CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000
WINDOW GLASS+FRM COND	4.674	1.370	0.000	0.000	-6.517	-1.909
WINDOW GLASS SOLAR	3.782	1.108	0.000	0.000	0.344	0.101
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	-0.480	-0.141	0.000	0.000	-1.036	-0.303
OCCUPANTS TO SPACE	1.915	0.561	2.042	0.598	0.000	0.000
LIGHT TO SPACE	0.841	0.246	0.000	0.000	0.000	0.000
EQUIPMENT TO SPACE	5.028	1.473	0.000	0.000	0.000	0.000
PROCESS TO SPACE	0.000	0.000	0.000	0.000	0.000	0.000
INFILTRATION	0.396	0.116	0.000	0.000	-1.464	-0.429
	-----	-----	-----	-----	-----	-----
TOTAL	17.045	4.994	2.042	0.598	-10.318	-3.023
TOTAL / AREA	0.010	0.031	0.001	0.004	-0.006	-0.019
TOTAL LOAD	19.087 KBTU/H		5.593 KW		-10.318 KBTU/H	-3.023 KW
TOTAL LOAD / AREA	11.07 BTU/H.SQFT		34.898 W/M2		5.981 BTU/H.SQFT	18.864 W/M2

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*
*  NOTE  1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR
*  ----  LOADS
*         2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION
*         IN CONSIDERATION
*         3)THE ABOVE LOADS ARE CALCULATED ASSUMING A
*         CONSTANT INDOOR SPACE TEMPERATURE
*
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One LS-B report per space — only five are shown here (page 4 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-B** Space Peak Load Components West Perim Space (G.W4)

WEATHER FILE- CZ06RV2 WYEC2

SPACE West Perim Space (G.W4)

SPACE TEMPERATURE USED FOR THE LOADS CALCULATION IS 70 F / 21 C

Important Note:

Loads reported here, i.e., at the space level,
are reported BEFORE the application of Space
and Floor Multipliers, if any.

MULTIPLIER	1.0	FLOOR MULTIPLIER	1.0
FLOOR AREA	1275 SQFT	118 M2	
VOLUME	11475 CUFT	325 M3	

TIME	COOLING LOAD	
	=====	
	APR 4 5PM	
DRY-BULB TEMP	81 F	27 C
WET-BULB TEMP	52 F	11 C
TOT HORIZONTAL SOLAR RAD	168 BTU/H.SQFT	529 W/M2
WINDSPEED AT SPACE	13.1 KTS	6.7 M/S
CLOUD AMOUNT 0(CLEAR)-10	1	

HEATING LOAD	
=====	
JAN 1 7AM	
39 F	4 C
31 F	-1 C
0 BTU/H.SQFT	0 W/M2
2.6 KTS	1.3 M/S
1	

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)
	-----	-----	-----	-----	-----	-----
WALL CONDUCTION	1.192	0.349	0.000	0.000	-1.224	-0.359
ROOF CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000
WINDOW GLASS+FRM COND	7.115	2.085	0.000	0.000	-4.782	-1.401
WINDOW GLASS SOLAR	11.966	3.506	0.000	0.000	0.624	0.183
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	-0.841	-0.246	0.000	0.000	-0.796	-0.233
OCCUPANTS TO SPACE	1.433	0.420	1.509	0.442	0.000	0.000
LIGHT TO SPACE	0.647	0.190	0.000	0.000	0.000	0.000
EQUIPMENT TO SPACE	3.751	1.099	0.000	0.000	0.000	0.000
PROCESS TO SPACE	0.000	0.000	0.000	0.000	0.000	0.000
INFILTRATION	0.496	0.145	0.000	0.000	-1.126	-0.330
	-----	-----	-----	-----	-----	-----
TOTAL	25.759	7.547	1.509	0.442	-7.303	-2.140
TOTAL / AREA	0.020	0.064	0.001	0.004	-0.006	-0.018
TOTAL LOAD	27.269 KBTU/H		7.990 KW		-7.303 KBTU/H	-2.140 KW
TOTAL LOAD / AREA	21.39 BTU/H.SQFT		67.451 W/M2		5.728 BTU/H.SQFT	18.066 W/M2

*
* NOTE 1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR *
* ---- LOADS *
* 2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION *
* IN CONSIDERATION *
* 3)THE ABOVE LOADS ARE CALCULATED ASSUMING A *
* CONSTANT INDOOR SPACE TEMPERATURE *
*

One LS-B report per space — only five are shown here (page 5 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-B** Space Peak Load Components Core Space (G.C5)

WEATHER FILE- CZ06RV2 WYEC2

SPACE Core Space (G.C5)

SPACE TEMPERATURE USED FOR THE LOADS CALCULATION IS 70 F / 21 C

Important Note:

Loads reported here, i.e., at the space level, are reported BEFORE the application of Space and Floor Multipliers, if any.

MULTIPLIER	1.0	FLOOR MULTIPLIER	1.0
FLOOR AREA	7000 SQFT	650 M2	
VOLUME	63000 CUFT	1784 M3	

	COOLING LOAD	
TIME	=====	
	AUG 31 5PM	
DRY-BULB TEMP	83 F	28 C
WET-BULB TEMP	63 F	17 C
TOT HORIZONTAL SOLAR RAD	162 BTU/H.SQFT	510 W/M2
WINDSPEED AT SPACE	7.2 KTS	3.7 M/S
CLOUD AMOUNT 0(CLEAR)-10	2	

	HEATING LOAD	
	=====	
	JAN 1 7AM	
DRY-BULB TEMP	39 F	4 C
WET-BULB TEMP	31 F	-1 C
TOT HORIZONTAL SOLAR RAD	0 BTU/H.SQFT	0 W/M2
WINDSPEED AT SPACE	2.6 KTS	1.3 M/S
CLOUD AMOUNT 0(CLEAR)-10	1	

	SENSIBLE		LATENT			SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)		(KBTU/H)	(KW)
	-----	-----	-----	-----		-----	-----
WALL CONDUCTION	0.000	0.000	0.000	0.000		0.000	0.000
ROOF CONDUCTION	0.000	0.000	0.000	0.000		0.000	0.000
WINDOW GLASS+FRM COND	0.000	0.000	0.000	0.000		0.000	0.000
WINDOW GLASS SOLAR	0.000	0.000	0.000	0.000		0.000	0.000
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	-0.349	-0.102	0.000	0.000		-0.754	-0.221
OCCUPANTS TO SPACE	11.854	3.473	10.949	3.208		0.000	0.000
LIGHT TO SPACE	22.657	6.638	0.000	0.000		0.000	0.000
EQUIPMENT TO SPACE	18.394	5.390	0.000	0.000		0.000	0.000
PROCESS TO SPACE	0.000	0.000	0.000	0.000		0.000	0.000
INFILTRATION	0.119	0.035	0.000	0.000		-0.230	-0.068
	-----	-----	-----	-----		-----	-----
TOTAL	52.674	15.433	10.949	3.208		-0.985	-0.289
TOTAL / AREA	0.008	0.024	0.002	0.005		0.000	0.000
TOTAL LOAD	63.623 KBTU/H		18.641 KW			-0.985 KBTU/H	-0.289 KW
TOTAL LOAD / AREA	9.09 BTU/H.SQFT		28.665 W/M2			0.141 BTU/H.SQFT	0.444 W/M2

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*
*  NOTE  1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR
*  ----  LOADS
*         2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION
*         IN CONSIDERATION
*         3)THE ABOVE LOADS ARE CALCULATED ASSUMING A
*         CONSTANT INDOOR SPACE TEMPERATURE
*
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One LS-B report per space — only five are shown here (page 6 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-B** Space Peak Load Components Plenum (G.6)

WEATHER FILE- CZ06RV2 WYEC2

SPACE Plenum (G.6)

SPACE TEMPERATURE USED FOR THE LOADS CALCULATION IS 70 F / 21 C

Important Note:

Loads reported here, i.e., at the space level, are reported **BEFORE** the application of Space and Floor Multipliers, if any.

MULTIPLIER	1.0	FLOOR MULTIPLIER	1.0
FLOOR AREA	13000 SQFT	M2	
VOLUME	52000 CUFT	M3	

	COOLING LOAD	
TIME	=====	
	AUG 31	5PM
DRY-BULB TEMP	83 F	28 C
WET-BULB TEMP	63 F	17 C
TOT HORIZONTAL SOLAR RAD	162 BTU/H.SQFT	510 W/M2
WINDSPEED AT SPACE	7.8 KTS	4.0 M/S
CLOUD AMOUNT 0(CLEAR)-10	2	

	HEATING LOAD	
	=====	
	DEC 29	7AM
DRY-BULB TEMP	39 F	4 C
WET-BULB TEMP	31 F	-1 C
TOT HORIZONTAL SOLAR RAD	0 BTU/H.SQFT	0 W/M2
WINDSPEED AT SPACE	3.5 KTS	1.8 M/S
CLOUD AMOUNT 0(CLEAR)-10	1	

	SENSIBLE (KBTU/H) (KW)		LATENT (KBTU/H) (KW)			SENSIBLE (KBTU/H) (KW)	
	-----	-----	-----	-----		-----	-----
WALL CONDUCTION	3.344	0.980	0.000	0.000		-4.431	-1.298
ROOF CONDUCTION	0.000	0.000	0.000	0.000		0.000	0.000
WINDOW GLASS+FRM COND	0.000	0.000	0.000	0.000		0.000	0.000
WINDOW GLASS SOLAR	0.000	0.000	0.000	0.000		0.000	0.000
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	0.000	0.000	0.000	0.000		0.000	0.000
OCCUPANTS TO SPACE	0.000	0.000	0.000	0.000		0.000	0.000
LIGHT TO SPACE	0.000	0.000	0.000	0.000		0.000	0.000
EQUIPMENT TO SPACE	0.000	0.000	0.000	0.000		0.000	0.000
PROCESS TO SPACE	0.000	0.000	0.000	0.000		0.000	0.000
INFILTRATION	0.475	0.139	0.000	0.000		-2.302	-0.674
	-----	-----	-----	-----		-----	-----
TOTAL	3.819	1.119	0.000	0.000		-6.732	-1.973
TOTAL / AREA	0.000	0.001	0.000	0.000		-0.001	-0.002
TOTAL LOAD	3.819 KBTU/H		1.119 KW			-6.732 KBTU/H	-1.973 KW
TOTAL LOAD / AREA	0.29 BTU/H.SQFT		0.926 W/M2			0.518 BTU/H.SQFT	1.633 W/M2

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*
*  NOTE  1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR
*  ----  LOADS
*         2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION
*         IN CONSIDERATION
*         3)THE ABOVE LOADS ARE CALCULATED ASSUMING A
*         CONSTANT INDOOR SPACE TEMPERATURE
*
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One LS-C report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-C** Building Peak Load Components

WEATHER FILE- CZ06RV2 WYEC2

*** BUILDING ***

This is the only
place total
conditioned area
is reported.

FLOOR AREA	39000	SQFT	3623	M2
VOLUME	507000	CUFT	14358	M3

Important Note:

Loads reported here, i.e., at the Bldg. level, are reported AFTER the application of Space and Floor Multipliers, if any.

COOLING LOAD
=====

TIME	DEC 19	3PM
------	--------	-----

DRY-BULB TEMP	77 F	25 C
WET-BULB TEMP	53 F	12 C
TOT HORIZONTAL SOLAR RAD	101 BTU/H.SQFT	318 W/M2
WINDSPEED AT SPACE	2.1 KTS	1.1 M/S
CLOUD AMOUNT 0 (CLEAR)-10	0	

HEATING LOAD
=====

TIME	JAN 1	7AM
------	-------	-----

39 F	4 C
31 F	-1 C
0 BTU/H.SQFT	0 W/M2
2.8 KTS	1.5 M/S
1	

This outdoor air condition
is used as the ventilation
air temperature for coil
sizing.

	SENSIBLE (KBTU/H) (KW)		LATENT (KBTU/H) (KW)		SENSIBLE (KBTU/H) (KW)			
WALL CONDUCTION	16.158	4.734	0.000	0.000	-17.857	-5.232		
ROOF CONDUCTION	-0.078	-0.023	0.000	0.000	-0.273	-0.080		
WINDOW GLASS+FRM COND	63.958	18.740	0.000	0.000	-77.499	-22.707		
WINDOW GLASS SOLAR	101.405	29.712	0.000	0.000	5.656	1.657		
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	-3.740	-1.096	0.000	0.000	-4.419	-1.295		
OCCUPANTS TO SPACE	60.187	17.635	56.600	16.584	0.000	0.000		
LIGHT TO SPACE	79.619	23.328	0.000	0.000	0.000	0.000		
EQUIPMENT TO SPACE	128.437	37.632	0.000	0.000	0.000	0.000		
PROCESS TO SPACE	0.000	0.000	0.000	0.000	0.000	0.000		
INFILTRATION	1.826	0.535	0.000	0.000	-16.228	-4.755		
TOTAL	447.772	131.197	56.600	16.584	-110.620	-32.412		
TOTAL / AREA	0.011	0.036	0.001	0.005	-0.003	-0.009		
TOTAL LOAD	504.372	KBTU/H	147.781	KW	-110.620	KBTU/H	-32.412	KW
TOTAL LOAD / AREA	12.93	BTU/H.SQFT	40.787	W/M2	2.836	BTU/H.SQFT	8.946	W/M2

*
* NOTE 1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR
* ---- LOADS
* 2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION
* IN CONSIDERATION
* 3)THE ABOVE LOADS ARE CALCULATED ASSUMING A
* CONSTANT INDOOR SPACE TEMPERATURE
*

Outside ventilation air is accounted
for in the SYSTEMS part of the
program, i.e., in "SS-" reports)

**** Important Report ****

One LS-D report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-D** Building Monthly Loads Summary

WEATHER FILE- CZ06RV2 WYEC2

Sensible only														
C O O L I N G						H E A T I N G						E L E C		
MONTH	COOLING ENERGY (MBTU)	TIME OF DY	MAX HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM COOLING LOAD (KBTU/HR)	HEATING ENERGY (MBTU)	TIME OF DY	MAX HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM HEATING LOAD (KBTU/HR)	ELEC- TRICAL ENERGY (KWH)	MAXIMUM ELEC LOAD (KW)
	"MBTU" = Btu x 1,000,000													
JAN	90.14034	10	15	70.F	52.F	412.483	-16.043	1	7	39.F	31.F	-110.620	19061.	85.960
FEB	80.68713	13	16	70.F	55.F	425.604	-13.641	11	4	42.F	42.F	-84.761	16189.	79.843
MAR	91.65997	6	16	72.F	52.F	408.699	-14.975	11	6	47.F	46.F	-77.978	18505.	70.593
APR	87.09530	4	16	81.F	52.F	420.446	-11.356	1	6	49.F	42.F	-63.547	17110.	69.208
MAY	94.55062	29	16	71.F	63.F	380.400	-8.053	20	4	48.F	44.F	-69.090	17696.	66.893
JUN	98.43995	14	16	80.F	70.F	411.169	-4.127	3	24	55.F	53.F	-42.942	17347.	66.539
JUL	102.93888	10	16	85.F	67.F	428.373	-2.786	1	24	56.F	54.F	-36.997	16949.	66.694
AUG	109.76257	31	16	83.F	63.F	422.272	-1.479	26	5	57.F	55.F	-38.954	18517.	67.593
SEP	93.07864	7	16	79.F	71.F	414.604	-2.375	30	5	56.F	56.F	-38.000	16134.	69.430
OCT	95.27404	3	15	78.F	70.F	407.345	-5.605	28	24	54.F	46.F	-54.647	18248.	76.255
NOV	85.40744	29	15	80.F	59.F	428.962	-11.688	12	6	44.F	40.F	-88.206	17313.	87.964
DEC	84.24862	19	15	77.F	53.F	447.772	-18.967	30	5	40.F	32.F	-94.844	18037.	88.828
TOTAL	1113.284						-111.095						211107.	
MAX						447.772						-110.620		88.828
For components, see LS-F														
For components, see LS-C														

Important Note:

Loads reported here are based on maintaining an assumed constant indoor temperature, i.e., this implies 24x7 loads (fan hours only coil loads, see "SS-D").

Includes only items known about by the LOADS program, i.e., lights & plugs... Fans, DX compressors, reheat, etc., are included on "SS-" reports.

**** Important Report ****

One LS-E report per space — only six are shown here (one each for the ground floor zones (others have been omitted for brevity))

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-E** Space Monthly Load Components South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

(UNITS=MBTU)		WALLS	ROOFS	INT SUR	UND SUR	INFIL	WIN CON	WIN SOL	OCCUP	LIGHTS	EQUIP	SOURCE	TOTAL
JAN	HEATNG	-0.289	0.000	0.000	-0.377	-0.312	-1.299	0.871	0.041	0.101	0.332	0.000	-0.931
	SEN CL	0.197	0.000	0.000	-0.394	-0.168	0.864	4.192	0.401	0.308	1.183	0.000	6.583
	LAT CL					0.019			0.418		0.000	0.000	0.437
FEB	HEATNG	-0.262	0.000	0.000	-0.409	-0.296	-1.207	0.737	0.043	0.096	0.337	0.000	-0.961
	SEN CL	0.201	0.000	0.000	-0.350	-0.116	0.804	3.101	0.343	0.219	1.001	0.000	5.203
	LAT CL					0.031			0.363		0.000	0.000	0.394
MAR	HEATNG	-0.319	0.000	0.000	-0.478	-0.351	-1.495	0.699	0.054	0.106	0.421	0.000	-1.362
	SEN CL	0.160	0.000	0.000	-0.369	-0.110	0.453	2.522	0.396	0.211	1.145	0.000	4.407
	LAT CL					0.026			0.421		0.000	0.000	0.447
APR	HEATNG	-0.279	0.000	0.000	-0.443	-0.295	-1.289	0.450	0.048	0.102	0.383	0.000	-1.324
	SEN CL	0.093	0.000	0.000	-0.344	-0.069	0.069	1.462	0.377	0.184	1.080	0.000	2.851
	LAT CL					0.013			0.400		0.000	0.000	0.412
MAY	HEATNG	-0.238	0.000	0.000	-0.357	-0.240	-1.054	0.395	0.046	0.095	0.370	0.000	-0.984
	SEN CL	0.046	0.000	0.000	-0.322	-0.067	0.122	1.462	0.398	0.198	1.154	0.000	2.991
	LAT CL					0.055			0.418		0.000	0.000	0.473
JUN	HEATNG	-0.157	0.000	0.000	-0.237	-0.160	-0.682	0.299	0.037	0.075	0.309	0.000	-0.515
	SEN CL	0.076	0.000	0.000	-0.291	-0.039	0.308	1.430	0.393	0.208	1.194	0.000	3.279
	LAT CL					0.195			0.403		0.000	0.000	0.598
JUL	HEATNG	-0.119	0.000	0.000	-0.169	-0.116	-0.512	0.252	0.029	0.060	0.247	0.000	-0.328
	SEN CL	0.121	0.000	0.000	-0.262	-0.010	0.478	1.503	0.395	0.214	1.214	0.000	3.653
	LAT CL					0.219			0.400		0.000	0.000	0.619
AUG	HEATNG	-0.069	0.000	0.000	-0.084	-0.062	-0.274	0.150	0.017	0.037	0.149	0.000	-0.136
	SEN CL	0.167	0.000	0.000	-0.274	-0.016	0.514	1.686	0.447	0.275	1.439	0.000	4.239
	LAT CL					0.304			0.436		0.000	0.000	0.740
SEP	HEATNG	-0.074	0.000	0.000	-0.093	-0.078	-0.327	0.186	0.017	0.040	0.151	0.000	-0.179
	SEN CL	0.242	0.000	0.000	-0.247	-0.018	0.515	1.768	0.375	0.247	1.233	0.000	4.115
	LAT CL					0.282			0.366		0.000	0.000	0.648
OCT	HEATNG	-0.134	0.000	0.000	-0.140	-0.141	-0.579	0.343	0.025	0.057	0.217	0.000	-0.352
	SEN CL	0.252	0.000	0.000	-0.270	-0.069	0.650	2.548	0.417	0.291	1.300	0.000	5.119
	LAT CL					0.166			0.418		0.000	0.000	0.584
NOV	HEATNG	-0.220	0.000	0.000	-0.223	-0.234	-0.990	0.568	0.032	0.082	0.270	0.000	-0.714
	SEN CL	0.230	0.000	0.000	-0.283	-0.106	0.781	3.296	0.373	0.313	1.131	0.000	5.734
	LAT CL					0.039			0.381		0.000	0.000	0.420
DEC	HEATNG	-0.339	0.000	0.000	-0.342	-0.366	-1.485	0.857	0.043	0.109	0.350	0.000	-1.172
	SEN CL	0.230	0.000	0.000	-0.309	-0.152	0.988	3.817	0.367	0.316	1.090	0.000	6.345
	LAT CL					0.004			0.385		0.000	0.000	0.388
TOT	HEATNG	-2.499	0.000	0.000	-3.351	-2.650	-11.192	5.805	0.432	0.961	3.536	0.000	-8.957
	SEN CL	2.014	0.000	0.000	-3.715	-0.942	6.547	28.787	4.681	2.984	14.163	0.000	54.520
	LAT CL					1.351			4.808		0.000	0.000	6.160

One LS-E report per space — only six are shown here (page 2 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-E** Space Monthly Load Components East Perim Space (G.E2)

WEATHER FILE- CZ06RV2 WYEC2

(UNITS=MBTU)		WALLS	ROOFS	INT SUR	UND SUR	INFIL	WIN CON	WIN SOL	OCCUP	LIGHTS	EQUIP	SOURCE	TOTAL
JAN	HEATNG	-0.275	0.000	0.000	-0.354	-0.275	-1.192	0.284	0.039	0.118	0.307	0.000	-1.347
	SEN CL	-0.009	0.000	0.000	-0.239	-0.094	0.051	1.012	0.287	0.251	0.813	0.000	2.071
	LAT CL					0.011			0.309		0.000	0.000	0.320
FEB	HEATNG	-0.229	0.000	0.000	-0.337	-0.238	-0.996	0.293	0.034	0.083	0.267	0.000	-1.123
	SEN CL	0.040	0.000	0.000	-0.247	-0.079	0.245	1.159	0.251	0.179	0.722	0.000	2.270
	LAT CL					0.021			0.268		0.000	0.000	0.289
MAR	HEATNG	-0.251	0.000	0.000	-0.362	-0.261	-1.092	0.374	0.039	0.085	0.305	0.000	-1.164
	SEN CL	0.048	0.000	0.000	-0.289	-0.093	0.255	1.438	0.293	0.190	0.852	0.000	2.694
	LAT CL					0.020			0.311		0.000	0.000	0.331
APR	HEATNG	-0.192	0.000	0.000	-0.311	-0.207	-0.844	0.371	0.033	0.069	0.260	0.000	-0.820
	SEN CL	0.092	0.000	0.000	-0.294	-0.074	0.433	1.612	0.281	0.146	0.820	0.000	3.016
	LAT CL					0.010			0.295		0.000	0.000	0.305
MAY	HEATNG	-0.160	0.000	0.000	-0.252	-0.170	-0.696	0.303	0.031	0.062	0.251	0.000	-0.630
	SEN CL	0.099	0.000	0.000	-0.271	-0.067	0.412	1.466	0.297	0.153	0.874	0.000	2.962
	LAT CL					0.046			0.309		0.000	0.000	0.354
JUN	HEATNG	-0.099	0.000	0.000	-0.156	-0.108	-0.428	0.233	0.023	0.047	0.194	0.000	-0.295
	SEN CL	0.139	0.000	0.000	-0.251	-0.045	0.552	1.502	0.295	0.161	0.917	0.000	3.269
	LAT CL					0.165			0.298		0.000	0.000	0.463
JUL	HEATNG	-0.064	0.000	0.000	-0.093	-0.068	-0.276	0.176	0.013	0.029	0.121	0.000	-0.162
	SEN CL	0.202	0.000	0.000	-0.239	-0.028	0.751	1.747	0.299	0.172	0.958	0.000	3.863
	LAT CL					0.192			0.295		0.000	0.000	0.488
AUG	HEATNG	-0.039	0.000	0.000	-0.046	-0.037	-0.149	0.097	0.009	0.020	0.080	0.000	-0.065
	SEN CL	0.211	0.000	0.000	-0.229	-0.023	0.824	1.797	0.333	0.210	1.093	0.000	4.217
	LAT CL					0.254			0.323		0.000	0.000	0.577
SEP	HEATNG	-0.061	0.000	0.000	-0.074	-0.062	-0.244	0.136	0.013	0.031	0.118	0.000	-0.142
	SEN CL	0.151	0.000	0.000	-0.187	-0.012	0.607	1.261	0.277	0.183	0.904	0.000	3.183
	LAT CL					0.214			0.271		0.000	0.000	0.484
OCT	HEATNG	-0.128	0.000	0.000	-0.138	-0.128	-0.525	0.194	0.026	0.065	0.216	0.000	-0.419
	SEN CL	0.095	0.000	0.000	-0.177	-0.034	0.436	1.095	0.300	0.214	0.905	0.000	2.834
	LAT CL					0.107			0.309		0.000	0.000	0.416
NOV	HEATNG	-0.204	0.000	0.000	-0.213	-0.204	-0.882	0.239	0.033	0.086	0.258	0.000	-0.888
	SEN CL	0.032	0.000	0.000	-0.175	-0.058	0.187	0.918	0.267	0.248	0.777	0.000	2.195
	LAT CL					0.019			0.282		0.000	0.000	0.301
DEC	HEATNG	-0.320	0.000	0.000	-0.308	-0.315	-1.330	0.258	0.039	0.120	0.304	0.000	-1.553
	SEN CL	-0.012	0.000	0.000	-0.193	-0.084	0.026	0.836	0.264	0.244	0.759	0.000	1.840
	LAT CL					0.002			0.284		0.000	0.000	0.286
TOT	HEATNG	-2.022	0.000	0.000	-2.645	-2.073	-8.654	2.958	0.334	0.814	2.680	0.000	-8.608
	SEN CL	1.087	0.000	0.000	-2.790	-0.690	4.777	15.841	3.443	2.353	10.393	0.000	34.414
	LAT CL					1.059			3.554		0.000	0.000	4.613

One LS-E report per space — only six are shown here (page 3 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-E** Space Monthly Load Components North Perim Space (G.N3)

WEATHER FILE- CZ06RV2 WYEC2

(UNITS=MBTU)		WALLS	ROOFS	INT SUR	UND SUR	INFIL	WIN CON	WIN SOL	OCCUP	LIGHTS	EQUIP	SOURCE	TOTAL
JAN	HEATNG	-0.432	0.000	0.000	-0.520	-0.405	-1.836	0.249	0.059	0.222	0.457	0.000	-2.205
	SEN CL	-0.108	0.000	0.000	-0.251	-0.075	-0.333	0.468	0.382	0.350	1.058	0.000	1.491
	LAT CL					0.013			0.418		0.000	0.000	0.431
FEB	HEATNG	-0.356	0.000	0.000	-0.486	-0.342	-1.511	0.240	0.050	0.145	0.395	0.000	-1.864
	SEN CL	-0.076	0.000	0.000	-0.273	-0.070	-0.209	0.587	0.336	0.240	0.943	0.000	1.477
	LAT CL					0.025			0.363		0.000	0.000	0.388
MAR	HEATNG	-0.396	0.000	0.000	-0.532	-0.384	-1.700	0.340	0.060	0.134	0.463	0.000	-2.014
	SEN CL	-0.070	0.000	0.000	-0.314	-0.077	-0.183	0.817	0.390	0.218	1.103	0.000	1.884
	LAT CL					0.024			0.421		0.000	0.000	0.445
APR	HEATNG	-0.298	0.000	0.000	-0.451	-0.298	-1.294	0.347	0.049	0.106	0.389	0.000	-1.450
	SEN CL	-0.034	0.000	0.000	-0.336	-0.067	-0.019	1.014	0.376	0.184	1.074	0.000	2.192
	LAT CL					0.012			0.400		0.000	0.000	0.412
MAY	HEATNG	-0.227	0.000	0.000	-0.344	-0.233	-1.001	0.352	0.044	0.091	0.355	0.000	-0.963
	SEN CL	0.013	0.000	0.000	-0.336	-0.074	0.135	1.328	0.400	0.202	1.169	0.000	2.837
	LAT CL					0.058			0.418		0.000	0.000	0.475
JUN	HEATNG	-0.138	0.000	0.000	-0.217	-0.148	-0.617	0.274	0.034	0.068	0.282	0.000	-0.460
	SEN CL	0.083	0.000	0.000	-0.312	-0.051	0.383	1.493	0.397	0.214	1.221	0.000	3.427
	LAT CL					0.206			0.403		0.000	0.000	0.609
JUL	HEATNG	-0.108	0.000	0.000	-0.159	-0.110	-0.479	0.236	0.027	0.057	0.234	0.000	-0.303
	SEN CL	0.112	0.000	0.000	-0.271	-0.015	0.533	1.481	0.396	0.217	1.227	0.000	3.680
	LAT CL					0.226			0.400		0.000	0.000	0.625
AUG	HEATNG	-0.078	0.000	0.000	-0.094	-0.069	-0.302	0.136	0.020	0.043	0.173	0.000	-0.171
	SEN CL	0.094	0.000	0.000	-0.264	-0.010	0.490	1.345	0.444	0.269	1.415	0.000	3.783
	LAT CL					0.292			0.436		0.000	0.000	0.728
SEP	HEATNG	-0.099	0.000	0.000	-0.120	-0.093	-0.399	0.156	0.023	0.053	0.201	0.000	-0.278
	SEN CL	0.068	0.000	0.000	-0.220	-0.003	0.397	1.062	0.369	0.236	1.183	0.000	3.093
	LAT CL					0.250			0.366		0.000	0.000	0.616
OCT	HEATNG	-0.201	0.000	0.000	-0.204	-0.186	-0.820	0.198	0.042	0.109	0.339	0.000	-0.724
	SEN CL	0.018	0.000	0.000	-0.205	-0.025	0.188	0.837	0.400	0.276	1.178	0.000	2.667
	LAT CL					0.125			0.418		0.000	0.000	0.543
NOV	HEATNG	-0.323	0.000	0.000	-0.316	-0.299	-1.374	0.221	0.051	0.145	0.398	0.000	-1.498
	SEN CL	-0.049	0.000	0.000	-0.190	-0.042	-0.085	0.554	0.355	0.329	1.003	0.000	1.876
	LAT CL					0.019			0.381		0.000	0.000	0.401
DEC	HEATNG	-0.488	0.000	0.000	-0.445	-0.449	-1.993	0.238	0.058	0.216	0.452	0.000	-2.410
	SEN CL	-0.099	0.000	0.000	-0.207	-0.069	-0.291	0.444	0.352	0.351	0.988	0.000	1.469
	LAT CL					0.002			0.384		0.000	0.000	0.386
TOT	HEATNG	-3.143	0.000	0.000	-3.888	-3.014	-13.326	2.989	0.517	1.389	4.137	0.000	-14.340
	SEN CL	-0.049	0.000	0.000	-3.178	-0.578	1.007	11.431	4.596	3.085	13.563	0.000	29.877
	LAT CL					1.251			4.808		0.000	0.000	6.059

One LS-E report per space — only six are shown here (page 4 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-E** Space Monthly Load Components West Perim Space (G.W4)

WEATHER FILE- CZ06RV2 WYEC2

(UNITS=MBTU)		WALLS	ROOFS	INT SUR	UND SUR	INFIL	WIN CON	WIN SOL	OCCUP	LIGHTS	EQUIP	SOURCE	TOTAL
JAN	HEATNG	-0.281	0.000	0.000	-0.366	-0.291	-1.235	0.353	0.039	0.124	0.311	0.000	-1.347
	SEN CL	-0.028	0.000	0.000	-0.226	-0.078	0.029	0.991	0.287	0.230	0.808	0.000	2.013
	LAT CL					0.012			0.309		0.000	0.000	0.321
FEB	HEATNG	-0.230	0.000	0.000	-0.344	-0.248	-1.017	0.339	0.034	0.093	0.270	0.000	-1.104
	SEN CL	0.006	0.000	0.000	-0.240	-0.069	0.131	1.079	0.251	0.168	0.718	0.000	2.045
	LAT CL					0.022			0.268		0.000	0.000	0.290
MAR	HEATNG	-0.247	0.000	0.000	-0.366	-0.271	-1.107	0.490	0.038	0.084	0.304	0.000	-1.076
	SEN CL	0.041	0.000	0.000	-0.285	-0.084	0.257	1.688	0.295	0.159	0.853	0.000	2.923
	LAT CL					0.021			0.311		0.000	0.000	0.332
APR	HEATNG	-0.187	0.000	0.000	-0.298	-0.205	-0.822	0.445	0.028	0.072	0.242	0.000	-0.724
	SEN CL	0.062	0.000	0.000	-0.307	-0.076	0.323	1.840	0.285	0.153	0.839	0.000	3.120
	LAT CL					0.011			0.295		0.000	0.000	0.306
MAY	HEATNG	-0.141	0.000	0.000	-0.222	-0.157	-0.622	0.396	0.025	0.056	0.214	0.000	-0.452
	SEN CL	0.118	0.000	0.000	-0.301	-0.079	0.467	2.099	0.303	0.161	0.912	0.000	3.680
	LAT CL					0.053			0.309		0.000	0.000	0.362
JUN	HEATNG	-0.078	0.000	0.000	-0.116	-0.085	-0.330	0.251	0.016	0.034	0.139	0.000	-0.168
	SEN CL	0.155	0.000	0.000	-0.291	-0.068	0.595	2.223	0.302	0.174	0.971	0.000	4.063
	LAT CL					0.185			0.298		0.000	0.000	0.483
JUL	HEATNG	-0.040	0.000	0.000	-0.056	-0.045	-0.173	0.154	0.007	0.015	0.064	0.000	-0.074
	SEN CL	0.174	0.000	0.000	-0.275	-0.052	0.676	2.339	0.306	0.187	1.015	0.000	4.371
	LAT CL					0.213			0.295		0.000	0.000	0.509
AUG	HEATNG	-0.020	0.000	0.000	-0.023	-0.021	-0.080	0.066	0.004	0.008	0.033	0.000	-0.033
	SEN CL	0.188	0.000	0.000	-0.252	-0.039	0.717	2.206	0.339	0.225	1.140	0.000	4.524
	LAT CL					0.278			0.323		0.000	0.000	0.600
SEP	HEATNG	-0.041	0.000	0.000	-0.046	-0.043	-0.165	0.119	0.008	0.017	0.069	0.000	-0.082
	SEN CL	0.152	0.000	0.000	-0.215	-0.031	0.608	1.881	0.282	0.198	0.953	0.000	3.828
	LAT CL					0.242			0.271		0.000	0.000	0.513
OCT	HEATNG	-0.117	0.000	0.000	-0.118	-0.119	-0.475	0.227	0.021	0.056	0.179	0.000	-0.346
	SEN CL	0.089	0.000	0.000	-0.197	-0.043	0.398	1.422	0.306	0.213	0.942	0.000	3.130
	LAT CL					0.123			0.309		0.000	0.000	0.432
NOV	HEATNG	-0.217	0.000	0.000	-0.221	-0.219	-0.926	0.291	0.033	0.090	0.265	0.000	-0.904
	SEN CL	0.027	0.000	0.000	-0.167	-0.043	0.195	0.973	0.267	0.212	0.770	0.000	2.233
	LAT CL					0.020			0.282		0.000	0.000	0.302
DEC	HEATNG	-0.319	0.000	0.000	-0.314	-0.325	-1.349	0.304	0.038	0.124	0.308	0.000	-1.533
	SEN CL	-0.017	0.000	0.000	-0.187	-0.074	0.069	0.859	0.264	0.228	0.756	0.000	1.899
	LAT CL					0.002			0.284		0.000	0.000	0.286
TOT	HEATNG	-1.919	0.000	0.000	-2.492	-2.028	-8.301	3.436	0.290	0.773	2.398	0.000	-7.843
	SEN CL	0.966	0.000	0.000	-2.942	-0.735	4.466	19.602	3.487	2.309	10.675	0.000	37.829
	LAT CL					1.183			3.554		0.000	0.000	4.737

One LS-E report per space — only six are shown here (page 5 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-E** Space Monthly Load Components Core Space (G.C5)

WEATHER FILE- CZ06RV2 WYEC2

(UNITS=MBTU)		WALLS	ROOFS	INT SUR	UND SUR	INFIL	WIN CON	WIN SOL	OCCUP	LIGHTS	EQUIP	SOURCE	TOTAL
JAN	HEATNG	0.000	0.000	0.000	-0.055	-0.008	0.000	0.000	0.001	0.010	0.008	0.000	-0.044
	SEN CL	0.000	0.000	0.000	-0.506	-0.068	0.000	0.000	2.671	6.325	5.536	0.000	13.958
	LAT CL					0.005			2.241		0.000	0.000	2.246
FEB	HEATNG	0.000	0.000	0.000	-0.062	-0.006	0.000	0.000	0.001	0.011	0.009	0.000	-0.046
	SEN CL	0.000	0.000	0.000	-0.491	-0.059	0.000	0.000	2.326	5.561	4.871	0.000	12.207
	LAT CL					0.007			1.945		0.000	0.000	1.952
MAR	HEATNG	0.000	0.000	0.000	-0.042	-0.004	0.000	0.000	0.001	0.011	0.009	0.000	-0.026
	SEN CL	0.000	0.000	0.000	-0.574	-0.068	0.000	0.000	2.709	6.507	5.699	0.000	14.273
	LAT CL					0.005			2.259		0.000	0.000	2.264
APR	HEATNG	0.000	0.000	0.000	-0.051	-0.004	0.000	0.000	0.001	0.012	0.010	0.000	-0.031
	SEN CL	0.000	0.000	0.000	-0.522	-0.053	0.000	0.000	2.556	6.078	5.320	0.000	13.378
	LAT CL					0.003			2.142		0.000	0.000	2.146
MAY	HEATNG	0.000	0.000	0.000	-0.047	-0.003	0.000	0.000	0.001	0.008	0.007	0.000	-0.034
	SEN CL	0.000	0.000	0.000	-0.448	-0.045	0.000	0.000	2.680	6.356	5.555	0.000	14.098
	LAT CL					0.014			2.241		0.000	0.000	2.255
JUN	HEATNG	0.000	0.000	0.000	-0.021	-0.002	0.000	0.000	0.001	0.006	0.005	0.000	-0.012
	SEN CL	0.000	0.000	0.000	-0.364	-0.029	0.000	0.000	2.591	6.245	5.474	0.000	13.917
	LAT CL					0.044			2.161		0.000	0.000	2.205
JUL	HEATNG	0.000	0.000	0.000	-0.019	-0.002	0.000	0.000	0.001	0.006	0.005	0.000	-0.009
	SEN CL	0.000	0.000	0.000	-0.295	-0.018	0.000	0.000	2.556	6.081	5.324	0.000	13.649
	LAT CL					0.046			2.142		0.000	0.000	2.189
AUG	HEATNG	0.000	0.000	0.000	-0.010	-0.001	0.000	0.000	0.000	0.003	0.003	0.000	-0.004
	SEN CL	0.000	0.000	0.000	-0.250	-0.012	0.000	0.000	2.799	6.627	5.788	0.000	14.952
	LAT CL					0.058			2.339		0.000	0.000	2.398
SEP	HEATNG	0.000	0.000	0.000	-0.021	-0.002	0.000	0.000	0.001	0.005	0.004	0.000	-0.013
	SEN CL	0.000	0.000	0.000	-0.227	-0.013	0.000	0.000	2.356	5.731	5.031	0.000	12.878
	LAT CL					0.053			1.963		0.000	0.000	2.016
OCT	HEATNG	0.000	0.000	0.000	-0.023	-0.003	0.000	0.000	0.001	0.005	0.004	0.000	-0.016
	SEN CL	0.000	0.000	0.000	-0.276	-0.030	0.000	0.000	2.672	6.330	5.540	0.000	14.236
	LAT CL					0.030			2.241		0.000	0.000	2.271
NOV	HEATNG	0.000	0.000	0.000	-0.035	-0.006	0.000	0.000	0.001	0.008	0.006	0.000	-0.026
	SEN CL	0.000	0.000	0.000	-0.334	-0.048	0.000	0.000	2.444	5.829	5.101	0.000	12.993
	LAT CL					0.008			2.044		0.000	0.000	2.052
DEC	HEATNG	0.000	0.000	0.000	-0.040	-0.007	0.000	0.000	0.002	0.012	0.009	0.000	-0.024
	SEN CL	0.000	0.000	0.000	-0.435	-0.075	0.000	0.000	2.466	5.963	5.237	0.000	13.155
	LAT CL					0.001			2.062		0.000	0.000	2.063
TOT	HEATNG	0.000	0.000	0.000	-0.425	-0.047	0.000	0.000	0.012	0.096	0.079	0.000	-0.286
	SEN CL	0.000	0.000	0.000	-4.722	-0.518	0.000	0.000	30.825	73.632	64.477	0.000	163.693
	LAT CL					0.275			25.780		0.000	0.000	26.055

One LS-E report per space — only six are shown here (page 6 of 6)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-E** Space Monthly Load Components Plenum (G.6)

WEATHER FILE- CZ06RV2 WYEC2

(UNITS=MBTU)		WALLS	ROOFS	INT SUR	UND SUR	INFIL	WIN CON	WIN SOL	OCCUP	LIGHTS	EQUIP	SOURCE	TOTAL
JAN	HEATNG	-1.069	0.000	0.000	0.000	-0.651	0.000	0.000	0.000	0.000	0.000	0.000	-1.720
	SEN CL	0.111	0.000	0.000	0.000	-0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.086
	LAT CL					0.006			0.000		0.000	0.000	0.006
FEB	HEATNG	-0.847	0.000	0.000	0.000	-0.554	0.000	0.000	0.000	0.000	0.000	0.000	-1.401
	SEN CL	0.143	0.000	0.000	0.000	-0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.111
	LAT CL					0.022			0.000		0.000	0.000	0.022
MAR	HEATNG	-0.940	0.000	0.000	0.000	-0.625	0.000	0.000	0.000	0.000	0.000	0.000	-1.566
	SEN CL	0.133	0.000	0.000	0.000	-0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.104
	LAT CL					0.019			0.000		0.000	0.000	0.019
APR	HEATNG	-0.738	0.000	0.000	0.000	-0.507	0.000	0.000	0.000	0.000	0.000	0.000	-1.245
	SEN CL	0.165	0.000	0.000	0.000	-0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.152
	LAT CL					0.007			0.000		0.000	0.000	0.007
MAY	HEATNG	-0.571	0.000	0.000	0.000	-0.411	0.000	0.000	0.000	0.000	0.000	0.000	-0.982
	SEN CL	0.218	0.000	0.000	0.000	-0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.189
	LAT CL					0.051			0.000		0.000	0.000	0.051
JUN	HEATNG	-0.353	0.000	0.000	0.000	-0.275	0.000	0.000	0.000	0.000	0.000	0.000	-0.628
	SEN CL	0.364	0.000	0.000	0.000	-0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.347
	LAT CL					0.203			0.000		0.000	0.000	0.203
JUL	HEATNG	-0.260	0.000	0.000	0.000	-0.207	0.000	0.000	0.000	0.000	0.000	0.000	-0.466
	SEN CL	0.507	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.523
	LAT CL					0.232			0.000		0.000	0.000	0.232
AUG	HEATNG	-0.208	0.000	0.000	0.000	-0.147	0.000	0.000	0.000	0.000	0.000	0.000	-0.355
	SEN CL	0.609	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.634
	LAT CL					0.240			0.000		0.000	0.000	0.240
SEP	HEATNG	-0.235	0.000	0.000	0.000	-0.174	0.000	0.000	0.000	0.000	0.000	0.000	-0.409
	SEN CL	0.534	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.562
	LAT CL					0.241			0.000		0.000	0.000	0.241
OCT	HEATNG	-0.465	0.000	0.000	0.000	-0.306	0.000	0.000	0.000	0.000	0.000	0.000	-0.771
	SEN CL	0.374	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.378
	LAT CL					0.119			0.000		0.000	0.000	0.119
NOV	HEATNG	-0.782	0.000	0.000	0.000	-0.482	0.000	0.000	0.000	0.000	0.000	0.000	-1.263
	SEN CL	0.218	0.000	0.000	0.000	-0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.208
	LAT CL					0.014			0.000		0.000	0.000	0.014
DEC	HEATNG	-1.192	0.000	0.000	0.000	-0.719	0.000	0.000	0.000	0.000	0.000	0.000	-1.911
	SEN CL	0.124	0.000	0.000	0.000	-0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.102
	LAT CL					0.001			0.000		0.000	0.000	0.001
TOT	HEATNG	-7.660	0.000	0.000	0.000	-5.057	0.000	0.000	0.000	0.000	0.000	0.000	-12.717
	SEN CL	3.501	0.000	0.000	0.000	-0.104	0.000	0.000	0.000	0.000	0.000	0.000	3.397
	LAT CL					1.155			0.000		0.000	0.000	1.155

One LS-F report only (this is a building level report)

Directly transmitted portion only

3-Story Office Bldg

Conduction + "inward flowing fraction"

DOE-B2.2NT38

4/07/2001

10:36:50

BDL RUN 2

REPORT- **LS-F** Building Monthly Load Components in MBTU

WEATHER FILE- CZ06RV2 WYEC2

(UNITS=MBTU)		WALLS	ROOFS	INT SUR	UND SUR	INFIL	WIN CON	WIN SOL	OCCUP	LIGHTS	EQUIP	SOURCE	TOTAL
		See note below											
JAN	HEATING	-3.816	-0.013	0.000	-1.672	-3.673	-16.769	3.210	0.317	1.072	5.300	0.000	-16.043
	SEN CL	0.114	-0.084	0.000	-1.616	-1.651	-0.775	24.418	13.414	22.245	34.076	0.000	90.140
	LAT CL					0.206			11.584		0.000	0.000	11.791
FEB	HEATING	-3.267	-0.007	0.000	-1.638	-3.203	-14.236	2.947	0.282	0.738	4.743	0.000	-13.641
	SEN CL	0.530	-0.075	0.000	-1.601	-1.365	0.697	22.847	11.675	18.075	29.904	0.000	80.687
	LAT CL					0.355			10.056		0.000	0.000	10.411
MAR	HEATING	-3.687	-0.004	0.000	-1.781	-3.602	-16.029	3.583	0.332	0.664	5.550	0.000	-14.975
	SEN CL	0.562	-0.089	0.000	-1.831	-1.507	-0.478	26.435	13.587	20.011	34.970	0.000	91.660
	LAT CL					0.302			11.679		0.000	0.000	11.981
APR	HEATING	-2.916	-0.002	0.000	-1.555	-2.855	-12.669	3.074	0.261	0.593	4.712	0.000	-11.356
	SEN CL	0.674	-0.075	0.000	-1.803	-1.187	0.037	25.427	12.883	17.996	33.143	0.000	87.095
	LAT CL					0.155			11.075		0.000	0.000	11.230
MAY	HEATING	-2.316	-0.001	0.000	-1.222	-2.222	-9.878	2.684	0.222	0.455	4.226	0.000	-8.053
	SEN CL	0.843	-0.066	0.000	-1.678	-1.183	1.303	28.050	13.548	18.476	35.257	0.000	94.551
	LAT CL					0.715			11.584		0.000	0.000	12.299
JUN	HEATING	-1.446	0.000	0.000	-0.747	-1.391	-6.109	1.852	0.156	0.305	3.253	0.000	-4.127
	SEN CL	1.394	-0.046	0.000	-1.509	-0.813	4.216	28.260	13.153	18.137	35.648	0.000	98.440
	LAT CL					2.482			11.169		0.000	0.000	13.652
JUL	HEATING	-1.088	0.000	0.000	-0.496	-0.991	-4.549	1.481	0.106	0.226	2.525	0.000	-2.786
	SEN CL	1.935	-0.040	0.000	-1.342	-0.402	6.529	30.083	13.035	17.821	35.320	0.000	102.939
	LAT CL					2.710			11.075		0.000	0.000	13.785
AUG	HEATING	-0.734	0.000	0.000	-0.256	-0.597	-2.790	0.801	0.073	0.154	1.871	0.000	-1.479
	SEN CL	2.110	-0.034	0.000	-1.268	-0.270	7.081	28.727	14.306	19.876	39.234	0.000	109.763
	LAT CL					3.476			12.094		0.000	0.000	15.569
SEP	HEATING	-0.918	0.000	0.000	-0.354	-0.830	-3.704	1.035	0.085	0.207	2.105	0.000	-2.375
	SEN CL	1.941	-0.034	0.000	-1.094	-0.233	5.609	23.735	12.021	17.501	33.633	0.000	93.079
	LAT CL					3.119			10.150		0.000	0.000	13.269
OCT	HEATING	-1.798	-0.004	0.000	-0.624	-1.641	-7.361	1.705	0.172	0.449	3.497	0.000	-5.605
	SEN CL	1.419	-0.051	0.000	-1.125	-0.690	3.599	22.469	13.560	20.207	35.887	0.000	95.274
	LAT CL					1.717			11.584		0.000	0.000	13.301
NOV	HEATING	-2.927	-0.012	0.000	-1.008	-2.765	-12.820	2.468	0.240	0.718	4.419	0.000	-11.688
	SEN CL	0.745	-0.067	0.000	-1.149	-1.009	1.331	21.240	12.323	20.151	31.843	0.000	85.407
	LAT CL					0.358			10.565		0.000	0.000	10.923
DEC	HEATING	-4.461	-0.020	0.000	-1.450	-4.213	-18.990	3.230	0.332	1.132	5.473	0.000	-18.967
	SEN CL	0.313	-0.094	0.000	-1.330	-1.532	-0.140	21.754	12.347	21.143	31.790	0.000	84.249
	LAT CL					0.038			10.659		0.000	0.000	10.697
TOT	HEATING	-29.704	-0.064	0.000	-12.870	-28.273	-127.396	28.126	2.655	6.888	48.102	0.000	-112.535
	SEN CL	12.737	-0.759	0.000	-17.443	-11.769	29.516	304.707	156.980	233.372	413.511	0.000	1120.852
	LAT CL					15.636			134.219		0.000	0.000	149.855

Internal Surfaces: These loads will be zero in this report if you choose the same LOADS calculation temperature for all spaces (as was the case in this example).

**** Important Report ****

One LS-G report per glazed space — only five are shown here (one each for the ground floor glazed perimeter zones plus the top floor skylit core zone (others have been omitted for brevity))

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-G** Space Daylighting Summary

South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

SPACE South Perim Space (G.S1)

MONTH	PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (ALL HOURS)			PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (REPORT SCHEDULE HOURS)			REPORT SCHEDULE HOURS WITH SUN UP							
	TOTAL ZONE	REF PT 1	REF PT 2	TOTAL ZONE	REF PT 1	REF PT 2	AVERAGE DAYLIGHT ILLUMINANCE (FOOTCANDLES)		PERCENT HOURS DAYLIGHT ILLUMINANCE ABOVE SETPOINT		AVERAGE GLARE INDEX		PERCENT HOURS GLARE TOO HIGH	
							REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2
JAN	77.4	77.4	0.0	77.4	77.4	0.0	236.5	0.0	79.3	0.0	17.3	0.0	29.0	0.0
FEB	80.8	80.8	0.0	80.8	80.8	0.0	175.2	0.0	79.2	0.0	17.0	0.0	24.1	0.0
MAR	84.1	84.1	0.0	84.1	84.1	0.0	142.3	0.0	78.3	0.0	18.0	0.0	33.9	0.0
APR	84.8	84.8	0.0	84.8	84.8	0.0	100.7	0.0	80.5	0.0	16.8	0.0	35.5	0.0
MAY	85.2	85.2	0.0	85.2	85.2	0.0	90.6	0.0	76.9	0.0	17.4	0.0	43.4	0.0
JUN	85.4	85.4	0.0	85.4	85.4	0.0	80.8	0.0	72.5	0.0	16.7	0.0	35.6	0.0
JUL	85.6	85.6	0.0	85.6	85.6	0.0	80.2	0.0	76.2	0.0	16.9	0.0	31.3	0.0
AUG	84.7	84.7	0.0	84.7	84.7	0.0	97.1	0.0	80.9	0.0	17.4	0.0	40.1	0.0
SEP	83.5	83.5	0.0	83.5	83.5	0.0	119.0	0.0	75.3	0.0	17.8	0.0	47.9	0.0
OCT	81.5	81.5	0.0	81.5	81.5	0.0	156.8	0.0	77.6	0.0	17.6	0.0	37.6	0.0
NOV	76.1	76.1	0.0	76.1	76.1	0.0	205.8	0.0	78.8	0.0	18.2	0.0	30.6	0.0
DEC	74.8	74.8	0.0	74.8	74.8	0.0	244.4	0.0	77.4	0.0	17.8	0.0	34.3	0.0
ANNUAL	82.1	82.1	0.0	82.1	82.1	0.0	137.1	0.0	77.6	0.0	17.4	0.0	35.7	0.0

Based on ALL hours, including nighttime operations (if any) when the lighting energy reduction due to daylighting is zero

Based on hours defined using the daylight reporting schedule (used to constrain reporting hours).

Important Note:
task lighting is never controlled by daylighting in DOE-2.

Based on all SUN UP hours defined using the daylight reporting schedule (if defined).

**** Important Report (Daylighting) ****

One LS-G report per space — only five are shown here (page 2 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-G** Space Daylighting Summary

East Perim Space (G.E2)

WEATHER FILE- CZ06RV2 WYEC2

SPACE East Perim Space (G.E2)

-----REPORT SCHEDULE HOURS WITH SUN UP-----

MONTH	PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (ALL HOURS)			PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (REPORT SCHEDULE HOURS)			AVERAGE DAYLIGHT ILLUMINANCE (FOOTCANDLES)		PERCENT HOURS DAYLIGHTa ILLUMINANCE ABOVE SETPOINT		AVERAGE GLARE INDEX		PERCENT HOURS GLARE TOO HIGH	
	TOTAL ZONE	REF PT 1	REF PT 2	TOTAL ZONE	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JAN	71.5	71.5	0.0	71.5	71.5	0.0	114.5	0.0	55.4	0.0	15.3	0.0	29.0	0.0
FEB	77.9	77.9	0.0	77.9	77.9	0.0	117.7	0.0	63.7	0.0	14.2	0.0	20.5	0.0
MAR	80.6	80.6	0.0	80.6	80.6	0.0	108.8	0.0	65.6	0.0	14.0	0.0	12.2	0.0
APR	84.4	84.4	0.0	84.4	84.4	0.0	104.5	0.0	68.3	0.0	13.2	0.0	8.1	0.0
MAY	85.3	85.3	0.0	85.3	85.3	0.0	98.1	0.0	69.4	0.0	13.0	0.0	5.3	0.0
JUN	85.5	85.5	0.0	85.5	85.5	0.0	95.2	0.0	66.7	0.0	12.4	0.0	4.7	0.0
JUL	85.7	85.7	0.0	85.7	85.7	0.0	101.0	0.0	71.1	0.0	12.8	0.0	7.9	0.0
AUG	84.7	84.7	0.0	84.7	84.7	0.0	107.4	0.0	71.7	0.0	13.3	0.0	8.5	0.0
SEP	83.3	83.3	0.0	83.3	83.3	0.0	92.0	0.0	68.8	0.0	13.0	0.0	7.7	0.0
OCT	79.4	79.4	0.0	79.4	79.4	0.0	98.1	0.0	66.8	0.0	13.9	0.0	12.4	0.0
NOV	72.1	72.1	0.0	72.1	72.1	0.0	111.2	0.0	62.1	0.0	15.4	0.0	22.7	0.0
DEC	70.1	70.1	0.0	70.1	70.1	0.0	104.9	0.0	54.5	0.0	15.4	0.0	31.0	0.0
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ANNUAL	80.1	80.1	0.0	80.1	80.1	0.0	103.8	0.0	65.9	0.0	13.7	0.0	13.1	0.0

One LS-G report per space — only five are shown here (page 3 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-G** Space Daylighting Summary

North Perim Space (G.N3)

WEATHER FILE- CZ06RV2 WYEC2

SPACE North Perim Space (G.N3)

-----REPORT SCHEDULE HOURS WITH SUN UP-----

MONTH	PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (ALL HOURS)			PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (REPORT SCHEDULE HOURS)			AVERAGE DAYLIGHT ILLUMINANCE (FOOTCANDLES)		PERCENT HOURS DAYLIGHT ILLUMINANCE ABOVE SETPOINT		AVERAGE GLARE INDEX		PERCENT HOURS GLARE TOO HIGH	
	TOTAL ZONE	REF PT 1	REF PT 2	TOTAL ZONE	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2
JAN	66.7	66.7	0.0	66.7	66.7	0.0	37.3	0.0	25.4	0.0	13.7	0.0	0.6	0.0
FEB	75.7	75.7	0.0	75.7	75.7	0.0	46.5	0.0	46.1	0.0	14.2	0.0	5.1	0.0
MAR	81.9	81.9	0.0	81.9	81.9	0.0	55.9	0.0	57.1	0.0	15.8	0.0	12.2	0.0
APR	84.5	84.5	0.0	84.5	84.5	0.0	64.2	0.0	72.4	0.0	16.0	0.0	18.8	0.0
MAY	85.2	85.2	0.0	85.2	85.2	0.0	76.5	0.0	76.4	0.0	16.9	0.0	31.9	0.0
JUN	85.5	85.5	0.0	85.5	85.5	0.0	75.7	0.0	72.5	0.0	16.5	0.0	30.0	0.0
JUL	85.6	85.6	0.0	85.6	85.6	0.0	70.7	0.0	75.8	0.0	16.9	0.0	24.8	0.0
AUG	84.7	84.7	0.0	84.7	84.7	0.0	66.9	0.0	79.0	0.0	16.9	0.0	24.0	0.0
SEP	83.3	83.3	0.0	83.3	83.3	0.0	60.8	0.0	71.8	0.0	16.1	0.0	19.5	0.0
OCT	79.0	79.0	0.0	79.0	79.0	0.0	55.5	0.0	63.2	0.0	15.4	0.0	11.8	0.0
NOV	70.5	70.5	0.0	70.5	70.5	0.0	45.0	0.0	40.3	0.0	14.8	0.0	0.9	0.0
DEC	65.0	65.0	0.0	65.0	65.0	0.0	38.0	0.0	26.5	0.0	13.6	0.0	1.5	0.0
ANNUAL	79.1	79.1	0.0	79.1	79.1	0.0	59.4	0.0	61.1	0.0	15.7	0.0	16.5	0.0

One LS-G report per space — only five are shown here (page 4 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-G** Space Daylighting Summary

West Perim Space (G.W4)

WEATHER FILE- CZ06RV2 WYEC2

SPACE West Perim Space (G.W4)

-----REPORT SCHEDULE HOURS WITH SUN UP-----

MONTH	PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (ALL HOURS)			PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (REPORT SCHEDULE HOURS)			AVERAGE DAYLIGHT ILLUMINANCE (FOOTCANDLES)		PERCENT HOURS DAYLIGHT ILLUMINANCE ABOVE SETPOINT		AVERAGE GLARE INDEX		PERCENT HOURS GLARE TOO HIGH	
	TOTAL ZONE	REF PT 1	REF PT 2	TOTAL ZONE	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2
JAN	72.9	72.9	0.0	72.9	72.9	0.0	118.8	0.0	55.1	0.0	11.8	0.0	0.9	0.0
FEB	78.0	78.0	0.0	78.0	78.0	0.0	113.7	0.0	61.6	0.0	12.6	0.0	6.8	0.0
MAR	83.4	83.4	0.0	83.4	83.4	0.0	134.3	0.0	70.2	0.0	14.4	0.0	18.1	0.0
APR	83.5	83.5	0.0	83.5	83.5	0.0	119.4	0.0	71.7	0.0	13.6	0.0	11.9	0.0
MAY	85.1	85.1	0.0	85.1	85.1	0.0	134.0	0.0	75.3	0.0	14.8	0.0	14.1	0.0
JUN	85.5	85.5	0.0	85.5	85.5	0.0	130.4	0.0	76.2	0.0	14.6	0.0	15.7	0.0
JUL	85.6	85.6	0.0	85.6	85.6	0.0	127.7	0.0	77.5	0.0	14.4	0.0	15.8	0.0
AUG	84.5	84.5	0.0	84.5	84.5	0.0	127.4	0.0	75.6	0.0	14.1	0.0	13.4	0.0
SEP	83.1	83.1	0.0	83.1	83.1	0.0	130.1	0.0	76.1	0.0	14.5	0.0	16.7	0.0
OCT	80.4	80.4	0.0	80.4	80.4	0.0	129.7	0.0	72.6	0.0	13.7	0.0	13.4	0.0
NOV	75.1	75.1	0.0	75.1	75.1	0.0	119.9	0.0	64.8	0.0	12.9	0.0	1.8	0.0
DEC	71.3	71.3	0.0	71.3	71.3	0.0	116.8	0.0	53.3	0.0	11.8	0.0	0.0	0.0
ANNUAL	80.8	80.8	0.0	80.8	80.8	0.0	125.8	0.0	70.1	0.0	13.7	0.0	11.4	0.0

One LS-G report per space — only five are shown here (page 5 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-G** Space Daylighting Summary

Core Space (T.C17)

WEATHER FILE- CZ06RV2 WYEC2

SPACE Core Space (T.C17)

-----REPORT SCHEDULE HOURS WITH SUN UP-----

MONTH	PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (ALL HOURS)			PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHTING (REPORT SCHEDULE HOURS)			AVERAGE DAYLIGHT ILLUMINANCE (FOOTCANDLES)		PERCENT HOURS DAYLIGHT ILLUMINANCE ABOVE SETPOINT		AVERAGE GLARE INDEX		PERCENT HOURS GLARE TOO HIGH	
	TOTAL ZONE	REF PT 1	REF PT 2	TOTAL ZONE	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2	REF PT 1	REF PT 2
JAN	37.8	37.8	0.0	37.8	37.8	0.0	18.5	0.0	0.0	0.0	8.9	0.0	0.0	0.0
FEB	51.9	51.9	0.0	51.9	51.9	0.0	23.7	0.0	6.5	0.0	9.7	0.0	0.0	0.0
MAR	61.6	61.6	0.0	61.6	61.6	0.0	28.4	0.0	13.0	0.0	10.8	0.0	0.0	0.0
APR	70.7	70.7	0.0	70.7	70.7	0.0	31.7	0.0	18.6	0.0	11.1	0.0	0.2	0.0
MAY	77.0	77.0	0.0	77.0	77.0	0.0	36.4	0.0	28.9	0.0	12.2	0.0	0.4	0.0
JUN	78.4	78.4	0.0	78.4	78.4	0.0	35.7	0.0	29.2	0.0	11.9	0.0	0.6	0.0
JUL	77.0	77.0	0.0	77.0	77.0	0.0	33.3	0.0	15.0	0.0	11.5	0.0	0.2	0.0
AUG	73.4	73.4	0.0	73.4	73.4	0.0	32.3	0.0	12.4	0.0	11.3	0.0	0.0	0.0
SEP	68.9	68.9	0.0	68.9	68.9	0.0	29.9	0.0	11.0	0.0	11.5	0.0	0.0	0.0
OCT	59.6	59.6	0.0	59.6	59.6	0.0	27.6	0.0	11.8	0.0	11.2	0.0	0.0	0.0
NOV	44.7	44.7	0.0	44.7	44.7	0.0	22.2	0.0	3.6	0.0	10.2	0.0	0.0	0.0
DEC	37.7	37.7	0.0	37.7	37.7	0.0	18.3	0.0	0.0	0.0	9.1	0.0	0.0	0.0
ANNUAL	61.8	61.8	0.0	61.8	61.8	0.0	28.9	0.0	13.5	0.0	10.9	0.0	0.1	0.0

One LS-H report per glazed space — only five are shown here (one each for the ground floor glazed perimeter zones plus the top floor skylit core zone (others have been omitted for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-H** Energy Reduction By Daylight South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

SPACE South Perim Space (G.S1)

MONTH	HOUR OF DAY																								ALL HOURS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
JAN	0	0	0	0	0	0	0	65	85	88	90	90	90	90	89	86	72	0	0	0	0	0	0	0	77
FEB	0	0	0	0	0	0	0	82	90	90	90	90	90	90	90	90	86	8	0	0	0	0	0	0	81
MAR	0	0	0	0	0	0	33	88	90	90	90	90	90	90	90	90	90	64	0	0	0	0	0	0	84
APR	0	0	0	0	0	5	71	90	90	90	90	90	90	90	90	90	90	77	0	0	0	0	0	0	85
MAY	0	0	0	0	0	19	77	90	90	90	90	90	90	90	90	90	90	87	8	0	0	0	0	0	85
JUN	0	0	0	0	0	29	81	90	90	90	90	90	90	90	90	90	90	86	27	0	0	0	0	0	85
JUL	0	0	0	0	0	18	85	90	90	90	90	90	90	90	90	90	90	88	25	0	0	0	0	0	86
AUG	0	0	0	0	0	8	70	90	90	90	90	90	90	90	90	90	90	85	2	0	0	0	0	0	85
SEP	0	0	0	0	0	1	50	89	90	90	90	90	90	90	90	90	90	88	51	0	0	0	0	0	84
OCT	0	0	0	0	0	0	35	82	90	90	90	90	90	90	90	90	90	82	0	0	0	0	0	0	81
NOV	0	0	0	0	0	0	10	81	86	89	90	90	90	90	90	88	42	0	0	0	0	0	0	0	76
DEC	0	0	0	0	0	0	0	76	87	89	90	90	90	89	88	87	30	0	0	0	0	0	0	0	75
ANNUAL	0	0	0	0	0	7	64	86	89	90	90	90	90	90	90	89	75	21	5	0	0	0	0	0	82

PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHT

NOTE- THE ENTRIES IN THIS REPORT ARE NOT
SUBJECT TO THE DAYLIGHTING REPORT SCHEDULE

For each daylit space this report gives the monthly lighting energy reduction due to daylighting for each hour of the day, and for all hours of the day combined (including nighttime operations hours, if any).

HOUR OF DAY is given in standard time, even if DAYLIGHT-SAVINGS = YES.

For this example case, 90% lighting reduction indicates daylight saturation since the daylight controller used in this example has a 10% minimum power input at minimum light output.

**** Important Report (Daylighting) ****

One LS-H report per space — only five are shown here (page 2 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-H** Energy Reduction By Daylight East Perim Space (G.E2)

WEATHER FILE- CZ06RV2 WYEC2

SPACE East Perim Space (G.E2)

MONTH	HOUR OF DAY																								ALL HOURS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
JAN	0	0	0	0	0	0	0	66	85	88	90	90	90	89	87	68	25	0	0	0	0	0	0	0	71
FEB	0	0	0	0	0	0	0	82	90	90	90	90	90	90	89	84	61	3	0	0	0	0	0	0	78
MAR	0	0	0	0	0	0	42	89	90	90	90	90	90	90	90	84	74	25	0	0	0	0	0	0	81
APR	0	0	0	0	0	14	71	90	90	90	90	90	90	90	90	89	85	49	0	0	0	0	0	0	84
MAY	0	0	0	0	0	35	80	90	90	90	90	90	90	90	90	90	90	77	8	0	0	0	0	0	85
JUN	0	0	0	0	0	48	84	90	90	90	90	90	90	90	90	90	90	70	26	0	0	0	0	0	86
JUL	0	0	0	0	0	43	87	90	90	90	90	90	90	90	90	90	89	84	25	0	0	0	0	0	86
AUG	0	0	0	0	0	22	70	90	90	90	90	90	90	90	90	90	90	69	2	0	0	0	0	0	85
SEP	0	0	0	0	0	1	50	89	90	90	90	90	90	90	90	90	86	28	0	0	0	0	0	0	83
OCT	0	0	0	0	0	0	40	81	90	90	90	90	90	90	90	86	46	0	0	0	0	0	0	0	79
NOV	0	0	0	0	0	0	16	81	86	89	90	90	90	90	88	73	14	0	0	0	0	0	0	0	72
DEC	0	0	0	0	0	0	0	77	87	89	90	90	90	86	79	68	9	0	0	0	0	0	0	0	70
ANNUAL	0	0	0	0	0	14	66	86	89	90	90	90	90	90	89	83	56	11	5	0	0	0	0	0	80

PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHT

NOTE- THE ENTRIES IN THIS REPORT ARE NOT
SUBJECT TO THE DAYLIGHTING REPORT SCHEDULE

One LS-H report per space — only five are shown here (page 3 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-H** Energy Reduction By Daylight North Perim Space (G.N3)

WEATHER FILE- CZ06RV2 WYEC2

SPACE North Perim Space (G.N3)

MONTH	HOUR OF DAY																								ALL HOURS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
JAN	0	0	0	0	0	0	0	21	63	84	87	90	90	89	86	68	27	0	0	0	0	0	0	0	67
FEB	0	0	0	0	0	0	0	48	79	89	90	90	90	90	89	85	65	4	0	0	0	0	0	0	76
MAR	0	0	0	0	0	0	21	84	88	89	90	90	90	90	90	88	88	32	0	0	0	0	0	0	82
APR	0	0	0	0	0	5	66	90	90	90	90	90	90	90	90	90	90	67	0	0	0	0	0	0	84
MAY	0	0	0	0	0	25	76	90	90	90	90	90	90	90	90	90	90	86	13	0	0	0	0	0	85
JUN	0	0	0	0	0	39	81	90	90	90	90	90	90	90	90	90	90	86	41	0	0	0	0	0	85
JUL	0	0	0	0	0	27	84	90	90	90	90	90	90	90	90	90	89	88	38	0	0	0	0	0	86
AUG	0	0	0	0	0	10	70	90	90	90	90	90	90	90	90	90	90	83	2	0	0	0	0	0	85
SEP	0	0	0	0	0	1	47	89	90	90	90	90	90	90	90	90	88	39	0	0	0	0	0	0	83
OCT	0	0	0	0	0	0	22	79	90	90	90	90	90	90	90	88	53	0	0	0	0	0	0	0	79
NOV	0	0	0	0	0	0	4	56	79	89	90	90	90	90	87	75	15	0	0	0	0	0	0	0	71
DEC	0	0	0	0	0	0	0	25	69	85	87	89	89	85	78	68	10	0	0	0	0	0	0	0	65
ANNUAL	0	0	0	0	0	9	61	78	84	89	90	90	90	89	88	84	60	14	8	0	0	0	0	0	79

PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHT

NOTE- THE ENTRIES IN THIS REPORT ARE NOT
SUBJECT TO THE DAYLIGHTING REPORT SCHEDULE

One LS-H report per space — only five are shown here (page 4 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-H** Energy Reduction By Daylight West Perim Space (G.W4)

WEATHER FILE- CZ06RV2 WYEC2

SPACE West Perim Space (G.W4)

MONTH	HOUR OF DAY																								ALL HOURS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
JAN	0	0	0	0	0	0	0	20	63	85	88	90	90	90	88	86	73	0	0	0	0	0	0	0	73
FEB	0	0	0	0	0	0	0	42	76	89	90	90	90	90	90	90	86	13	0	0	0	0	0	0	78
MAR	0	0	0	0	0	0	17	73	85	89	90	90	90	90	90	90	90	76	0	0	0	0	0	0	83
APR	0	0	0	0	0	4	56	85	89	90	90	90	90	90	90	90	90	80	0	0	0	0	0	0	83
MAY	0	0	0	0	0	18	74	90	90	90	90	90	90	90	90	90	90	89	30	0	0	0	0	0	85
JUN	0	0	0	0	0	29	80	90	90	90	90	90	90	90	90	90	90	89	76	0	0	0	0	0	86
JUL	0	0	0	0	0	18	81	90	90	90	90	90	90	90	90	90	89	88	72	0	0	0	0	0	86
AUG	0	0	0	0	0	7	64	90	90	90	90	90	90	90	90	90	90	87	5	0	0	0	0	0	84
SEP	0	0	0	0	0	1	40	89	90	90	90	90	90	90	90	90	88	67	0	0	0	0	0	0	83
OCT	0	0	0	0	0	0	19	75	90	90	90	90	90	90	90	90	84	1	0	0	0	0	0	0	80
NOV	0	0	0	0	0	0	4	54	80	89	90	90	90	90	90	88	52	0	0	0	0	0	0	0	75
DEC	0	0	0	0	0	0	0	24	69	86	88	90	90	89	88	87	41	0	0	0	0	0	0	0	71
ANNUAL	0	0	0	0	0	6	57	76	84	89	90	90	90	90	90	89	78	24	15	0	0	0	0	0	81

PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHT

NOTE- THE ENTRIES IN THIS REPORT ARE NOT
SUBJECT TO THE DAYLIGHTING REPORT SCHEDULE

One LS-H report per space — only five are shown here (page 5 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-H** Energy Reduction By Daylight Core Space (T.C17)

WEATHER FILE- CZ06RV2 WYEC2

SPACE Core Space (T.C17)

MONTH	HOUR OF DAY																								ALL HOURS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
JAN	0	0	0	0	0	0	0	8	27	43	54	61	62	55	44	29	10	0	0	0	0	0	0	0	38
FEB	0	0	0	0	0	0	0	18	38	58	71	76	75	72	64	45	26	1	0	0	0	0	0	0	52
MAR	0	0	0	0	0	0	8	34	59	74	81	83	83	77	69	55	34	10	0	0	0	0	0	0	62
APR	0	0	0	0	0	2	25	50	74	82	87	89	88	84	77	68	45	20	0	0	0	0	0	0	71
MAY	0	0	0	0	0	8	38	70	86	89	90	90	90	87	81	72	55	33	3	0	0	0	0	0	77
JUN	0	0	0	0	0	13	42	72	87	90	90	90	90	89	83	75	58	32	10	0	0	0	0	0	78
JUL	0	0	0	0	0	7	41	67	81	88	90	90	90	89	84	75	59	40	10	0	0	0	0	0	77
AUG	0	0	0	0	0	3	29	55	81	85	89	90	90	85	79	71	52	29	1	0	0	0	0	0	73
SEP	0	0	0	0	0	0	18	50	78	84	88	88	88	81	71	58	38	10	0	0	0	0	0	0	69
OCT	0	0	0	0	0	0	8	36	64	79	83	83	81	74	63	43	18	0	0	0	0	0	0	0	60
NOV	0	0	0	0	0	0	1	21	39	57	67	69	69	64	48	30	5	0	0	0	0	0	0	0	45
DEC	0	0	0	0	0	0	0	10	30	46	58	64	62	53	37	26	3	0	0	0	0	0	0	0	38
ANNUAL	0	0	0	0	0	3	28	48	63	73	79	81	81	76	66	54	29	5	2	0	0	0	0	0	62

PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHT

NOTE- THE ENTRIES IN THIS REPORT ARE NOT
SUBJECT TO THE DAYLIGHTING REPORT SCHEDULE

One LS-I report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-I** Energy Reduction By Daylight Building

WEATHER FILE- CZ06RV2 WYEC2

*** BUILDING ***

MONTH	HOUR OF DAY																								ALL HOURS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
JAN	0	0	0	0	0	0	0	23	42	51	54	56	56	54	52	44	27	0	0	0	0	0	0	0	44
FEB	0	0	0	0	0	0	0	37	49	55	57	58	58	58	56	52	43	4	0	0	0	0	0	0	49
MAR	0	0	0	0	0	0	12	48	55	58	59	59	59	58	57	54	49	28	0	0	0	0	0	0	53
APR	0	0	0	0	0	3	38	53	58	59	60	60	60	60	58	57	52	28	0	0	0	0	0	0	55
MAY	0	0	0	0	0	10	45	57	60	61	61	61	61	60	59	58	54	37	6	0	0	0	0	0	57
JUN	0	0	0	0	0	15	48	58	60	61	61	61	61	61	60	58	55	36	17	0	0	0	0	0	57
JUL	0	0	0	0	0	11	50	57	59	60	61	61	61	60	60	58	55	39	16	0	0	0	0	0	57
AUG	0	0	0	0	0	4	39	55	59	60	61	61	61	60	59	57	54	35	1	0	0	0	0	0	56
SEP	0	0	0	0	0	0	27	54	59	60	60	60	60	59	57	55	50	18	0	0	0	0	0	0	55
OCT	0	0	0	0	0	0	16	46	56	59	59	60	59	58	56	52	38	0	0	0	0	0	0	0	52
NOV	0	0	0	0	0	0	3	38	49	54	57	57	57	56	53	47	17	0	0	0	0	0	0	0	46
DEC	0	0	0	0	0	0	0	27	45	52	55	56	56	53	49	44	12	0	0	0	0	0	0	0	43
ANNUAL	0	0	0	0	0	4	37	49	54	57	59	59	59	58	56	53	39	8	3	0	0	0	0	0	52

PERCENT LIGHTING ENERGY REDUCTION BY DAYLIGHT

NOTE- THE ENTRIES IN THIS REPORT ARE NOT
SUBJECT TO THE DAYLIGHTING REPORT SCHEDULE

One LS-J report per glazed space — only five are shown here (one each for the ground floor glazed perimeter zones plus the top floor skylit core zone (others have been omitted for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-J** Daylight Illuminance Frequency South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

SPACE South Perim Space (G.S1)

PERCENT OF HOURS IN ILLUMINANCE RANGE												PERCENT OF HOURS ILLUMINANCE LEVEL EXCEEDED							
MONTH	REF PT	ILLUMINANCE RANGE (FOOTCANDLES)										ILLUMINANCE LEVEL (FOOTCANDLES)							
		0	--	10	--	20	--	30	--	40	--	50	--	60	--	70	--	80	-ABOVE
JAN	-1-	10		2		1		2		5		3		6		4		67	
	-2-	0		0		0		0		0		0		0		0		0	
FEB	-1-	14		3		1		1		2		1		2		2		74	
	-2-	0		0		0		0		0		0		0		0		0	
MAR	-1-	7		5		2		3		5		2		2		2		73	
	-2-	0		0		0		0		0		0		0		0		0	
APR	-1-	14		1		3		1		0		3		2		5		71	
	-2-	0		0		0		0		0		0		0		0		0	
MAY	-1-	14		3		1		4		1		1		4		10		62	
	-2-	0		0		0		0		0		0		0		0		0	
JUN	-1-	14		7		2		4		0		3		6		9		55	
	-2-	0		0		0		0		0		0		0		0		0	
JUL	-1-	13		7		0		2		1		0		3		8		65	
	-2-	0		0		0		0		0		0		0		0		0	
AUG	-1-	13		1		3		0		1		1		1		2		77	
	-2-	0		0		0		0		0		0		0		0		0	
SEP	-1-	12		5		2		2		3		1		2		2		69	
	-2-	0		0		0		0		0		0		0		0		0	
OCT	-1-	14		1		2		3		2		1		3		1		72	
	-2-	0		0		0		0		0		0		0		0		0	
NOV	-1-	7		4		8		2		1		3		1		3		72	
	-2-	0		0		0		0		0		0		0		0		0	
DEC	-1-	9		4		5		3		2		2		3		5		67	
	-2-	0		0		0		0		0		0		0		0		0	
ANNUAL	-1-	12		4		2		2		2		2		3		5		68	
	-2-	0		0		0		0		0		0		0		0		0	

NOTE- THE HOURS CONSIDERED IN THIS REPORT ARE THOSE
WITH SUN UP AND DAYLIGHTING REPORT SCHEDULE ON

**** Important Report (Daylighting) ****

One LS-J report per space — only five are shown here (page 2 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-J** Daylight Illuminance Frequency East Perim Space (G.E2)

WEATHER FILE- CZ06RV2 WYEC2

SPACE East Perim Space (G.E2)

PERCENT OF HOURS IN ILLUMINANCE RANGE

PERCENT OF HOURS ILLUMINANCE LEVEL EXCEEDED

MONTH	REF PT	ILLUMINANCE RANGE (FOOTCANDLES)											ILLUMINANCE LEVEL (FOOTCANDLES)															
		0	--	10	--	20	--	30	--	40	--	50	--	60	--	70	--	80	-ABOVE	0	10	20	30	40	50	60	70	80
JAN	-1- -2-	13 0		6 0		2 0		9 0		15 0		9 0		6 0		7 0		34 0		100 0	87 0	81 0	79 0	70 0	55 0	46 0	40 0	34 0
FEB	-1- -2-	17 0		2 0		3 0		5 0		9 0		8 0		8 0		3 0		45 0		100 0	83 0	81 0	78 0	73 0	64 0	56 0	48 0	45 0
MAR	-1- -2-	8 0		8 0		2 0		7 0		9 0		8 0		8 0		6 0		44 0		100 0	92 0	83 0	81 0	74 0	66 0	58 0	50 0	44 0
APR	-1- -2-	12 0		2 0		7 0		4 0		6 0		9 0		7 0		5 0		48 0		100 0	88 0	85 0	78 0	75 0	68 0	60 0	53 0	48 0
MAY	-1- -2-	14 0		2 0		1 0		6 0		8 0		7 0		6 0		6 0		51 0		100 0	86 0	85 0	84 0	78 0	69 0	62 0	56 0	51 0
JUN	-1- -2-	14 0		6 0		0 0		8 0		5 0		7 0		6 0		5 0		49 0		100 0	86 0	80 0	80 0	72 0	67 0	60 0	54 0	49 0
JUL	-1- -2-	12 0		6 0		1 0		3 0		7 0		9 0		8 0		7 0		48 0		100 0	88 0	82 0	81 0	78 0	71 0	63 0	55 0	48 0
AUG	-1- -2-	11 0		2 0		4 0		6 0		6 0		9 0		8 0		6 0		49 0		100 0	89 0	88 0	84 0	78 0	72 0	63 0	55 0	49 0
SEP	-1- -2-	13 0		6 0		3 0		1 0		8 0		14 0		6 0		7 0		41 0		100 0	87 0	80 0	78 0	77 0	69 0	55 0	49 0	41 0
OCT	-1- -2-	13 0		4 0		3 0		4 0		8 0		9 0		11 0		6 0		41 0		100 0	87 0	82 0	79 0	74 0	67 0	58 0	47 0	41 0
NOV	-1- -2-	13 0		4 0		3 0		9 0		9 0		11 0		8 0		5 0		38 0		100 0	87 0	83 0	80 0	71 0	62 0	52 0	43 0	38 0
DEC	-1- -2-	17 0		1 0		2 0		12 0		13 0		6 0		8 0		6 0		34 0		100 0	83 0	82 0	80 0	67 0	55 0	48 0	40 0	34 0
ANNUAL	-1- -2-	13 0		4 0		3 0		6 0		8 0		9 0		7 0		6 0		44 0		100 0	87 0	83 0	80 0	74 0	66 0	57 0	50 0	44 0

NOTE- THE HOURS CONSIDERED IN THIS REPORT ARE THOSE
WITH SUN UP AND DAYLIGHTING REPORT SCHEDULE ON

One LS-J report per space — only five are shown here (page 3 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-J** Daylight Illuminance Frequency North Perim Space (G.N3)

WEATHER FILE- CZ06RV2 WYEC2

SPACE North Perim Space (G.N3)

PERCENT OF HOURS IN ILLUMINANCE RANGE													PERCENT OF HOURS ILLUMINANCE LEVEL EXCEEDED								
MONTH	REF PT	ILLUMINANCE RANGE (FOOTCANDLES)											ILLUMINANCE LEVEL (FOOTCANDLES)								
		0	--	10	--	20	--	30	--	40	--	50	0	10	20	30	40	50	60	70	80
JAN	-1-	15		11		4		17		28		18	100	85	74	70	53	25	8	5	4
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
FEB	-1-	16		4		7		9		18		20	100	84	80	73	64	46	26	17	13
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
MAR	-1-	9		9		2		4		19		19	100	91	82	80	76	57	38	24	20
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
APR	-1-	14		2		5		4		13		18	100	86	85	80	76	72	59	41	29
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
MAY	-1-	13		3		1		5		1		2	100	87	84	83	78	76	74	64	43
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
JUN	-1-	13		3		4		5		2		1	100	87	83	80	74	73	72	58	44
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
JUL	-1-	12		3		5		3		1		1	100	88	85	79	77	76	75	68	43
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
AUG	-1-	12		3		3		1		2		5	100	88	85	82	81	79	74	57	27
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
SEP	-1-	12		6		2		3		4		7	100	88	82	79	76	72	65	41	23
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
OCT	-1-	15		5		3		5		8		19	100	85	80	77	72	63	44	29	23
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
NOV	-1-	15		4		6		12		23		19	100	85	81	75	63	40	22	15	10
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
DEC	-1-	17		8		5		23		21		12	100	83	75	70	47	27	14	9	5
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0
ANNUAL	-1-	13		5		4		7		10		10	100	87	82	78	71	61	51	38	25
	-2-	0		0		0		0		0		0	0	0	0	0	0	0	0	0	0

NOTE- THE HOURS CONSIDERED IN THIS REPORT ARE THOSE
WITH SUN UP AND DAYLIGHTING REPORT SCHEDULE ON

One LS-J report per space — only five are shown here (page 4 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-J** Daylight Illuminance Frequency West Perim Space (G.W4)

WEATHER FILE- CZ06RV2 WYEC2

SPACE West Perim Space (G.W4)

PERCENT OF HOURS IN ILLUMINANCE RANGE												PERCENT OF HOURS ILLUMINANCE LEVEL EXCEEDED								
MONTH	REF PT	ILLUMINANCE RANGE (FOOTCANDLES)										ILLUMINANCE LEVEL (FOOTCANDLES)								
		0	--	10	--	20	--	30	--	40	--	50	--	60	--	70	--	80	--	ABOVE
JAN	-1-	14		5		3		7		16		8		7		7		32		
	-2-	0		0		0		0		0		0		0		0		0		
FEB	-1-	12		8		4		7		8		8		8		7		38		
	-2-	0		0		0		0		0		0		0		0		0		
MAR	-1-	10		2		3		5		9		5		7		7		51		
	-2-	0		0		0		0		0		0		0		0		0		
APR	-1-	14		1		5		3		5		8		5		4		55		
	-2-	0		0		0		0		0		0		0		0		0		
MAY	-1-	11		3		2		5		3		3		5		4		63		
	-2-	0		0		0		0		0		0		0		0		0		
JUN	-1-	14		2		2		4		3		6		5		4		62		
	-2-	0		0		0		0		0		0		0		0		0		
JUL	-1-	12		3		0		3		3		8		7		7		56		
	-2-	0		0		0		0		0		0		0		0		0		
AUG	-1-	13		1		3		2		5		7		5		6		57		
	-2-	0		0		0		0		0		0		0		0		0		
SEP	-1-	11		5		3		2		3		5		5		9		56		
	-2-	0		0		0		0		0		0		0		0		0		
OCT	-1-	15		3		1		4		4		7		6		4		56		
	-2-	0		0		0		0		0		0		0		0		0		
NOV	-1-	10		2		7		9		7		12		8		7		38		
	-2-	0		0		0		0		0		0		0		0		0		
DEC	-1-	11		7		7		9		13		6		7		3		37		
	-2-	0		0		0		0		0		0		0		0		0		
ANNUAL	-1-	12		3		3		5		6		7		6		6		51		
	-2-	0		0		0		0		0		0		0		0		0		

NOTE- THE HOURS CONSIDERED IN THIS REPORT ARE THOSE
WITH SUN UP AND DAYLIGHTING REPORT SCHEDULE ON

One LS-J report per space — only five are shown here (page 5 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-J** Daylight Illuminance Frequency Core Space (T.C17)

WEATHER FILE- CZ06RV2 WYEC2

SPACE Core Space (T.C17)

PERCENT OF HOURS IN ILLUMINANCE RANGE												PERCENT OF HOURS ILLUMINANCE LEVEL EXCEEDED								
MONTH	REF PT	ILLUMINANCE RANGE (FOOTCANDLES)										ILLUMINANCE LEVEL (FOOTCANDLES)								
		0	--	10	--	20	--	30	--	40	--	50	--	60	--	70	--	80	-ABOVE	
JAN	-1-	27		23		37		10		4		0		0		0		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
FEB	-1-	24		18		18		24		9		6		1		0		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
MAR	-1-	21		15		15		26		10		7		5		1		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
APR	-1-	20		12		11		18		20		8		8		2		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
MAY	-1-	18		11		9		16		17		12		8		6		2		100
	-2-	0		0		0		0		0		0		0		0		0		0
JUN	-1-	23		8		10		14		16		10		10		8		1		100
	-2-	0		0		0		0		0		0		0		0		0		0
JUL	-1-	21		6		12		19		27		6		5		4		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
AUG	-1-	15		14		11		20		28		6		4		2		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
SEP	-1-	23		7		15		22		22		7		3		1		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
OCT	-1-	24		12		13		26		13		9		3		0		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
NOV	-1-	22		22		28		17		7		4		0		0		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
DEC	-1-	26		29		30		9		5		0		0		0		0		100
	-2-	0		0		0		0		0		0		0		0		0		0
ANNUAL	-1-	22		14		17		19		16		7		4		2		0		100
	-2-	0		0		0		0		0		0		0		0		0		0

NOTE- THE HOURS CONSIDERED IN THIS REPORT ARE THOSE
WITH SUN UP AND DAYLIGHTING REPORT SCHEDULE ON

One LS-K report per space & one whole-building — only two are shown here (one example space plus the building, others have been omitted for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-K** Space Input Fuels Summary

South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

SPACE South Perim Space (G.S1)

	- - - - L I G H T I N G - - - -		E Q U I P M E N T		- - - - - P R O C E S S - - - - -	
MONTH	TASK LIGHTING (KWH)	TOTAL LIGHTING (KWH)	GENERAL EQUIPMENT (KWH)	PROCESS ELECTRIC (KWH)	PROCESS GAS (MBTU)	PROCESS HOT WATER (MBTU)
JAN	21.14	132.95	494.14	0.00	0.0000	0.0000
FEB	18.35	101.40	433.31	0.00	0.0000	0.0000
MAR	21.31	101.79	506.15	0.00	0.0000	0.0000
APR	20.21	92.39	473.86	0.00	0.0000	0.0000
MAY	21.14	94.47	494.14	0.00	0.0000	0.0000
JUN	20.38	91.26	485.88	0.00	0.0000	0.0000
JUL	20.21	88.63	473.86	0.00	0.0000	0.0000
AUG	22.07	100.62	514.41	0.00	0.0000	0.0000
SEP	18.52	91.88	445.32	0.00	0.0000	0.0000
OCT	21.14	112.68	494.14	0.00	0.0000	0.0000
NOV	19.28	127.64	453.59	0.00	0.0000	0.0000
DEC	19.45	136.87	465.60	0.00	0.0000	0.0000
	-----	-----	-----	-----	-----	-----
ANNUAL	243.20	1272.52	5734.22	0.00	0.0000	0.0000

One LS-K report per space & one whole-building — only two are shown here (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-K** Building Input Fuels Summary

WEATHER FILE- CZ06RV2 WYEC2

BUILDING

	- - - - L I G H T I N G - - - -		E Q U I P M E N T	- - - - - P R O C E S S - - - - -		
MONTH	TASK LIGHTING (KWH)	TOTAL LIGHTING (KWH)	GENERAL EQUIPMENT (KWH)	PROCESS ELECTRIC (KWH)	PROCESS GAS (MBTU)	PROCESS HOT WATER (MBTU)
JAN	1149.42	6983.26	12077.56	0.00	0.0000	0.0000
FEB	997.78	5593.17	10595.82	0.00	0.0000	0.0000
MAR	1158.78	6123.60	12380.71	0.00	0.0000	0.0000
APR	1098.87	5525.90	11583.66	0.00	0.0000	0.0000
MAY	1149.42	5618.44	12077.56	0.00	0.0000	0.0000
JUN	1108.23	5460.12	11886.80	0.00	0.0000	0.0000
JUL	1098.87	5365.45	11583.65	0.00	0.0000	0.0000
AUG	1199.96	5945.46	12571.47	0.00	0.0000	0.0000
SEP	1007.14	5235.13	10898.98	0.00	0.0000	0.0000
OCT	1149.42	6170.06	12077.57	0.00	0.0000	0.0000
NOV	1048.33	6222.85	11089.73	0.00	0.0000	0.0000
DEC	1057.69	6643.78	11392.89	0.00	0.0000	0.0000
	-----	-----	-----	-----	-----	-----
ANNUAL	13222.35	70878.40	140156.28	0.00	0.0000	0.0000

One LS-L report per glazed space — only five are shown here (one each for the ground floor glazed perimeter zones plus the top floor skylit core zone (others have been omitted for brevity))

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-L** Management and Solar Summary South Perim Space (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

DATA FOR SPACE South Perim Space (G.S1)

MONTH	NUMBER OF HOURS MANAGEMENT WOULD BE EMPLOYED	AVERAGE DAILY SOLAR RADIATION INTO SPACE (BTU/DAY)	MAXIMUM HOURLY SOLAR RADIATION INTO SPACE (BTU/HR)
JAN	0.	191827.188	34269.672
FEB	0.	162006.984	30081.234
MAR	0.	121466.828	21808.434
APR	0.	74322.094	11992.355
MAY	0.	70842.148	11158.893
JUN	0.	68242.445	10038.264
JUL	0.	66951.555	9924.578
AUG	0.	70287.398	11265.102
SEP	0.	77344.703	12352.869
OCT	0.	112011.953	20251.238
NOV	0.	154505.641	28799.945
DEC	0.	178426.281	33551.418

ANNUAL	0.	112150.094	34269.672

Column 1 is the number of hours that window shade management would be employed in the space for each month.

Management is employed under any of the following conditions:

- The shading schedule for an exterior window specifies management.
- If the transmitted direct solar gain through an exterior window exceeds a pre-specified value, MAX-SOLAR-SCH, then shades will be in effect with a probability of SUN-CTRL-PROB.
- If daylighting is requested (DAYLIGHTING=YES) and the daylight glare exceeds a pre-specified value MAX-GLARE, then the shades will be in effect.

Column 2 is the average solar radiation into the space through all glazing areas (Btu per day).

Column 3 is the maximum solar radiation into the space through all glazing areas for all hours in the month (Btu per hour).

Important Note:

Note that the entries in this report are solar heat gains, not solar loads; i.e., weighting factors to convert heat gains into delayed loads have not been applied.

One LS-L report per space — only five are shown here (page 2 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-L** Management and Solar Summary East Perim Space (G.E2)

WEATHER FILE- CZ06RV2 WYEC2

DATA FOR SPACE East Perim Space (G.E2)

MONTH	NUMBER OF HOURS MANAGEMENT WOULD BE EMPLOYED	AVERAGE DAILY SOLAR RADIATION INTO SPACE (BTU/DAY)	MAXIMUM HOURLY SOLAR RADIATION INTO SPACE (BTU/HR)
JAN	0.	49364.359	19418.023
FEB	0.	61899.156	21574.289
MAR	0.	69797.172	26478.418
APR	0.	78551.242	26213.355
MAY	0.	68332.320	23423.201
JUN	0.	68212.039	21861.305
JUL	0.	73871.156	20706.711
AUG	0.	72656.492	21772.592
SEP	0.	54749.164	21720.738
OCT	0.	49189.316	18439.598
NOV	0.	45619.676	15566.069
DEC	0.	41749.738	15470.636

ANNUAL	0.	61153.141	26478.418

One LS-L report per space — only five are shown here (page 3 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-L** Management and Solar Summary North Perim Space (G.N3)

WEATHER FILE- CZ06RV2 WYEC2

DATA FOR SPACE North Perim Space (G.N3)

MONTH	NUMBER OF HOURS MANAGEMENT WOULD BE EMPLOYED	AVERAGE DAILY SOLAR RADIATION INTO SPACE (BTU/DAY)	MAXIMUM HOURLY SOLAR RADIATION INTO SPACE (BTU/HR)
JAN	0.	27270.828	4794.873
FEB	0.	35337.883	6116.467
MAR	0.	44553.234	6941.558
APR	0.	53994.086	7420.953
MAY	0.	64496.246	7863.993
JUN	0.	69821.906	8145.917
JUL	0.	65241.918	7783.005
AUG	0.	56243.996	7432.146
SEP	0.	47768.637	7060.106
OCT	0.	39237.230	6445.047
NOV	0.	30317.670	5558.333
DEC	0.	26040.002	4811.150

ANNUAL	0.	46745.566	8145.917

One LS-L report per space — only five are shown here (page 4 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-L** Management and Solar Summary West Perim Space (G.W4)

WEATHER FILE- CZ06RV2 WYEC2

DATA FOR SPACE West Perim Space (G.W4)

MONTH	NUMBER OF HOURS MANAGEMENT WOULD BE EMPLOYED	AVERAGE DAILY SOLAR RADIATION INTO SPACE (BTU/DAY)	MAXIMUM HOURLY SOLAR RADIATION INTO SPACE (BTU/HR)
JAN	0.	51197.207	19226.805
FEB	0.	60415.246	22138.861
MAR	0.	84436.063	26171.527
APR	0.	90258.844	26580.305
MAY	0.	96811.977	25046.668
JUN	0.	97682.891	23487.025
JUL	0.	95068.258	22946.318
AUG	0.	87109.094	23828.025
SEP	0.	78431.836	22780.684
OCT	0.	63081.375	20586.527
NOV	0.	49646.301	18019.021
DEC	0.	44595.676	15526.598

ANNUAL	0.	74968.594	26580.305

One LS-L report per space — only five are shown here (page 5 of 5)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **LS-L** Management and Solar Summary Core Space (T.C17)

WEATHER FILE- CZ06RV2 WYEC2

DATA FOR SPACE Core Space (T.C17)

MONTH	NUMBER OF HOURS MANAGEMENT WOULD BE EMPLOYED	AVERAGE DAILY SOLAR RADIATION INTO SPACE (BTU/DAY)	MAXIMUM HOURLY SOLAR RADIATION INTO SPACE (BTU/HR)
JAN	0.	99468.164	21911.686
FEB	0.	134776.766	27946.164
MAR	0.	183912.125	32458.596
APR	0.	216042.609	35825.160
MAY	0.	243158.828	37453.309
JUN	0.	242045.781	37479.281
JUL	0.	263041.750	37093.527
AUG	0.	242694.156	36150.129
SEP	0.	200010.172	33679.777
OCT	0.	144938.453	28569.092
NOV	0.	107217.727	23836.154
DEC	0.	89093.953	18806.303

ANNUAL	0.	180791.172	37479.281

MESSAGE LIST FROM SYSTEMS PROGRAM

WARNING***
Pump: CW Loop Pump has a user-specified head
of 50. feet, but the loop head is 62. feet.

Always search the SIM file for WARNING messages. In the event of a crash (run-time error), always check the SIM file for ERROR messages... it's usually the last thing written to the SIM file.

One SV-A report per SYSTEM (seven for this example building, system 1 of 7) — Ground Floor VAV system

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SV-A** System Design Parameters for System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	For DX equipment only
VAVS	1.000	13000.0	96.	0.214	271.497	0.702	0.000	0.000	0.000	0.000	

Based on Altitude (in eQUEST detailed Interface, see Project & Site: Site Data)

Total for ALL zone types served by this system with non-zero occupancy

Ignores occupancy schedule values

Total (sensible+latent) capacity, adjusted to ARI conditions

Central heating coil only, does not include zone-level heating coils (reheat)

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	7562.	1.00	4.931	2.02	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30
RETURN	7562.	1.00	1.644	0.67	1.2	0.63	0.70	RETURN	BY USER	1.10	0.30

Total supply flow is always the sum of zone design supply flows (no diversity for VAV systems)

Fan kW = (CFM * fan static / fan eff) / 8520

Total Eff = Mechanical Eff * fan motor eff (not shown)

eQUEST uses fan power curves based on CEC data (not DOE-2 defaults)

↑ Items reported above are system-level

↓ Items reported below are zone-level

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
South Perim Zone (G.S1)	863.	0.	0.000	0.250	179.	0.00	0.00	18.63	-27.95	-12.11	1.
East Perim Zone (G.E2)	1195.	0.	0.000	0.250	132.	0.00	0.00	25.81	-38.72	-16.78	1.
North Perim Zone (G.N3)	863.	0.	0.000	0.250	179.	0.00	0.00	18.63	-27.95	-12.11	1.
West Perim Zone (G.W4)	1142.	0.	0.000	0.250	132.	0.00	0.00	24.68	-37.02	-16.04	1.
Core Zone (G.C5)	3500.	0.	0.000	0.400	994.	0.00	0.00	75.60	-113.40	-49.14	1.
Plenum Zone (G.6)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

eQUEST Wizard does not provide any exhaust

No zonal fans in this example

1.08 * CFM * (Min-Supply-T - Design-Cool-T)

Space MULT * Floor MULT

**** Important Report ****

One SV-A report per SYSTEM (system 2 of 7) — Second (Middle) Floor VAV system

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SV-A** System Design Parameters for System 1 (VAVS) (M)

WEATHER FILE- CZ06RV2 WYEC2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
VAVS	1.000	13000.0	107.	0.211	291.173	0.702	0.000	0.000	0.000	0.000		
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)	
SUPPLY	8109.	1.00	5.288	2.02	3.5	0.63	0.72	DRAW-THRU	BY USER	1.10	0.30	
RETURN	8109.	1.00	1.763	0.67	1.2	0.63	0.70	RETURN	BY USER	1.10	0.30	
ZONE NAME		SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
South Perim Zone (M.S7)		965.	0.	0.000	0.250	182.	0.00	0.00	20.84	-31.26	-13.55	1.
East Perim Zone (M.E8)		1349.	0.	0.000	0.250	135.	0.00	0.00	29.13	-43.70	-18.93	1.
North Perim Zone (M.N9)		955.	0.	0.000	0.250	182.	0.00	0.00	20.63	-30.94	-13.41	1.
West Perim Zone (M.W10)		1341.	0.	0.000	0.250	135.	0.00	0.00	28.96	-43.44	-18.82	1.
Core Zone (M.C11)		3500.	0.	0.000	0.400	1079.	0.00	0.00	75.60	-113.40	-49.14	1.
Plenum Zone (M.12)		0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

One SV-A report per SYSTEM (system 3 of 7) — Third (Top) Floor, South Zone Package Single Zone (PSZ) system

3-Story Office Bldg DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SV-A** System Design Parameters for System 2 (PSZ) (T.S13) WEATHER FILE- CZ06RV2 WYEC2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
PSZ	1.000	1725.0	10.	0.189	33.557	0.660	-40.504	0.416	0.345	-44.802		
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)	
SUPPLY	965.	1.00	0.267	0.86	1.3	0.53	0.62	DRAW-THRU	CONSTANT	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
South Perim Zone (T.S13)	965.		0.	0.000	1.000	182.	0.00	0.00	20.84	0.00	17.72	1.
South Perim Plenum Zone (1	0.		0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

One SV-A report per SYSTEM (system 4 of 7) — Third (Top) Floor, East Zone Package Single Zone (PSZ) system

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SV-A** System Design Parameters for System 2 (PSZ) (T.E14) WEATHER FILE- CZ06RV2 WYEC2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)			
PSZ	1.000	1275.0	8.	0.100	41.034	0.703	-49.529	0.416	0.345	-55.311			
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)		
SUPPLY	1349.	1.00	0.373	0.86	1.3	0.53	0.62	DRAW-THRU	CONSTANT	1.10	0.30		
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	EXTRACTION RATE (KBTU/HR)		HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT	
East Perim Zone (T.E14)	1349.		0.	0.000	1.000	135.	0.00	0.00		29.13	0.00	24.76	1.
East Perim Plenum Zone (T9)	0.		0.	0.000	0.000	0.	0.00	0.00		0.00	0.00	0.00	1.

One SV-A report per SYSTEM (system 5 of 7) — Third (Top) Floor, North Zone Package Single Zone (PSZ) system

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SV-A** System Design Parameters for System 2 (PSZ) (T.N15) WEATHER FILE- CZ06RV2 WYEC2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
PSZ	1.000	1725.0	10.	0.191	32.977	0.662	-39.805	0.416	0.345	-44.448		
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)	
SUPPLY	955.	1.00	0.264	0.86	1.3	0.53	0.62	DRAW-THRU	CONSTANT	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
North Perim Zone (T.N15)	955.		0.	0.000	1.000	182.	0.00	0.00	20.63	0.00	17.53	1.
North Perim Plenum Zone (2	0.		0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

One SV-A report per SYSTEM (system 6 of 7) — Third (Top) Floor, West Zone Package Single Zone (PSZ) system

3-Story Office Bldg DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SV-A** System Design Parameters for System 2 (PSZ) (T.W16) WEATHER FILE- CZ06RV2 WYEC2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)		
PSZ	1.000	1275.0	8.	0.101	40.041	0.709	-48.331	0.416	0.345	-55.035		
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)	
SUPPLY	1341.	1.00	0.371	0.86	1.3	0.53	0.62	DRAW-THRU	CONSTANT	1.10	0.30	
ZONE NAME	SUPPLY FLOW (CFM)		EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
West Perim Zone (T.W16)	1341.		0.	0.000	1.000	135.	0.00	0.00	28.96	0.00	24.62	1.
West Perim Plenum Zone (T1	0.		0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

One SV-A report per SYSTEM (system 7 of 7) — Third (Top) Floor, Core Zone Package Single Zone (PSZ) system

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SV-A** System Design Parameters for System 2 (PSZ) (T.C17) WEATHER FILE- CZ06RV2 WYEC2

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)	
PSZ	1.000	7000.0	71.	0.308	126.770	0.651	-153.016	0.416	0.345	-172.877	
FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	3500.	1.00	0.969	0.86	1.3	0.53	0.62	DRAW-THRU	CONSTANT	1.10	0.30
ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
Core Zone (T.C17)	3500.	0.	0.000	1.000	1079.	0.00	0.00	75.60	0.00	64.26	1.
Core Plenum Zone (T.C22)	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

One SS-D report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-D** Building HVAC Load Summary

WEATHER FILE- CZ06RV2 WYEC2

Sensible+Latent

C O O L I N G						H E A T I N G						E L E C	
MONTH	COOLING ENERGY (MBTU)	TIME OF MAX DY HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM COOLING LOAD (KBTU/HR)	HEATING ENERGY (MBTU)	TIME OF MAX DY HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM HEATING LOAD (KBTU/HR)	ELEC- TRICAL ENERGY (KWH)	MAXIMUM ELEC LOAD (KW)	
"MBTU" = Btu x 1,000,000													
JAN	21.72392	11 13	78.F	54.F	354.041	-1.736	2 9	51.F	46.F	-497.692	22116.	98.679	
FEB	24.85833	13 16	70.F	55.F	361.034	-0.233	5 9	54.F	51.F	-20.692	18924.	93.166	
MAR	28.42772	16 13	75.F	61.F	390.949	-0.234	24 10	57.F	54.F	-9.862	21737.	91.375	
APR	31.33976	4 17	81.F	52.F	430.741	-0.146	30 11	61.F	53.F	-7.640	20420.	95.302	
MAY	58.57369	31 14	72.F	66.F	517.425	-0.121	26 10	62.F	57.F	-9.391	22201.	94.822	
JUN	90.54893	20 14	84.F	74.F	684.319	-0.065	2 10	59.F	55.F	-6.253	23003.	102.334	
JUL	103.67539	11 10	82.F	70.F	612.783	-0.039	3 8	58.F	56.F	-2.196	23236.	103.320	
AUG	116.64235	7 10	80.F	67.F	599.605	-0.037	22 8	59.F	57.F	-2.042	25519.	101.127	
SEP	94.19563	7 17	79.F	71.F	683.036	-0.043	27 8	55.F	53.F	-2.620	21828.	104.272	
OCT	76.96026	1 14	85.F	73.F	657.055	-0.105	29 11	65.F	50.F	-6.885	23366.	101.493	
NOV	43.97081	2 16	69.F	62.F	435.737	-0.220	13 9	56.F	51.F	-12.469	20947.	109.714	
DEC	21.03675	19 15	77.F	53.F	396.410	-0.751	31 9	54.F	45.F	-92.008	20965.	106.311	
TOTAL	711.955						-3.730					264267.	
MAX					684.319					-497.692	109.714		

MAXIMUM DAILY INTEGRATED COOLING LOAD (DES DAY) 0.000 (KBTU)
 MAXIMUM DAILY INTEGRATED COOLING LOAD (WTH FILE) 3951.138 (KBTU)

These whole-building totals (peak and annual) are also reported on the PS-D for CHW/HW coil loads.

Important Note:

Loads reported here are coil loads, i.e., these loads include outside ventilation air, duct loss/gain, fan heat, and economizer effects (if any). SS-D reports building total coil loads, i.e., unitary + built-up equipment.

Useful for TES sizing. See SS-J for system-level 24-hour profiles of this same information.

Includes only items known about by the LOADS and SYSTEMS programs, i.e., lights, plugs, fans, DX compressors, reheat, etc., for the whole building. Central plant electric is included on "PS-" reports.

**** Important Report ****

One SS-E report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-E** Building HVAC Load Hours

WEATHER FILE- CZ06RV2 WYEC2

- - - - - N U M B E R O F H O U R S - - - - -												--COINCIDENT LOADS--	
MONTH	HOURS COOLING LOAD	HOURS HEATING LOAD	HOURS COINCIDENT COOL-HEAT LOAD	HOURS FLOATING	HOURS HEATING AVAIL.	HOURS COOLING AVAIL.	HOURS FANS ON	HOURS FANS CYCLE ON	HOURS NIGHT VENTING	HOURS FLOATING WHEN FANS ON	HEATING LOAD AT COOLING PEAK (KBTU/HR)	ELECTRIC LOAD AT COOLING PEAK (KW)	
JAN	183	125	51	487	744	744	274	0	0	17	0.000	88.369	
FEB	173	76	31	454	672	672	241	0	0	23	0.000	93.131	
MAR	202	75	26	493	744	744	282	0	0	31	0.000	88.639	
APR	202	56	20	482	720	720	263	0	0	25	0.000	95.302	
MAY	234	49	20	481	744	744	274	0	0	11	0.000	93.774	
JUN	251	34	16	451	720	720	271	0	0	2	0.000	102.334	
JUL	249	25	11	481	744	744	263	0	0	0	0.000	100.422	
AUG	280	27	22	459	744	744	285	0	0	0	0.000	100.548	
SEP	239	26	16	471	720	720	249	0	0	0	0.000	104.272	
OCT	244	44	24	480	744	744	274	0	0	10	0.000	101.115	
NOV	203	63	31	485	720	720	252	0	0	17	0.000	95.022	
DEC	180	117	53	500	744	744	260	0	0	16	0.000	95.902	
ANNUAL	2640	717	321	5724	8760	8760	3188	0	0	152			

hours floating when fans are "off" +
"HOURS FLOATING WHEN FANS
ON"

Controlled by Heating/Cooling
Availability Schedule (defaults to
always available)
in eQUEST's Detailed Interface, see
"Air-Side HVAC System Parameters":
"Heating/Cooling" tab:
"Coil Capacity/Control" sub-tab

Controlled by user input in eQUEST's Wizard
at HVAC System Fan Schedules screen
HOURS FANS ON =
HOUR COOLING LOAD +
HOURS HEATING LOAD -
HOURS COINCIDENT COOL-HEAT LOAD +
HOURS FLOATING WHEN FANS ON

provides an assessment of
oversizing for simultaneous
heating/cooling systems
(e.g., reheat systems)

IMPORTANT NOTE:

If a fan system runs for only part of an hour,
one hour is still logged for this report, i.e.,
these are not equivalent full-load hours.
For a system-level report of operations
hours, see SS-C.

**** Important Report ****

One SS-M report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-M** Building HVAC Fan Elec Energy

WEATHER FILE- CZ06RV2 WYEC2

MONTH	FAN ELECTRIC ENERGY DURING HEATING (KWH)	FAN ELECTRIC ENERGY DURING COOLING (KWH)	FAN ELECTRIC ENERGY DURING HEATING-COOLING (KWH)	FAN ELECTRIC ENERGY DURING FLOATING (KWH)
JAN	229.201	1173.765	17.252	762.620
FEB	95.088	1183.188	0.000	662.109
MAR	97.090	1388.123	0.000	778.840
APR	79.295	1480.203	0.000	640.020
MAY	68.862	1922.848	0.000	394.867
JUN	48.672	2197.378	0.000	231.575
JUL	38.033	2300.778	0.000	152.256
AUG	38.062	2608.159	0.000	110.090
SEP	39.124	2157.940	0.000	122.475
OCT	63.713	2105.447	0.000	273.620
NOV	97.575	1561.080	0.000	440.077
DEC	191.019	1163.693	0.000	687.847
ANNUAL	1085.742	21242.639	17.252	5256.291

Important Note:

Total fan electric for the building is NOT reported here.

Total fan electric for the building is reported on PS-E.

Total fan electric for the each system is reported on PS-H.

For a system-level report similar to this building-level report, see SS-L.

One SS-A report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-A** System Loads Summary for

System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

Sensible+Latent												
C O O L I N G						H E A T I N G						E L E C
MONTH	COOLING ENERGY (MBTU)	TIME OF MAX DY HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM COOLING LOAD (KBTU/HR)	HEATING ENERGY (MBTU)	TIME OF MAX DY HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM HEATING LOAD (KBTU/HR)	ELEC- TRICAL ENERGY (KWH)	MAXIMUM ELEC LOAD (KW)
"MBTU" = Btu x 1,000,000												
JAN	6.99828	11 13	78.F	54.F	106.237	-0.335	2 9	51.F	46.F	-127.921	6476.	28.587
FEB	7.95906	16 13	66.F	61.F	106.263	-0.009	5 9	54.F	51.F	-7.526	5603.	27.116
MAR	8.68998	16 13	75.F	61.F	110.816	0.000	31 24	52.F	51.F	0.000	6462.	24.540
APR	8.84468	4 17	81.F	52.F	123.646	0.000	30 1	55.F	55.F	0.000	6074.	24.658
MAY	16.40177	31 14	72.F	66.F	147.515	0.000	31 1	54.F	49.F	0.000	6365.	24.394
JUN	26.80062	20 14	84.F	74.F	204.080	0.000	30 1	61.F	58.F	0.000	6297.	24.748
JUL	30.59795	11 10	82.F	70.F	184.888	0.000	31 1	63.F	58.F	0.000	6174.	24.907
AUG	34.87575	9 9	74.F	67.F	178.021	0.000	31 1	64.F	56.F	0.000	6744.	25.088
SEP	28.61793	7 17	79.F	71.F	201.941	0.000	30 1	63.F	61.F	0.000	5820.	25.000
OCT	23.54031	1 14	85.F	73.F	200.059	0.000	31 24	55.F	47.F	0.000	6470.	26.057
NOV	13.54112	2 15	70.F	62.F	125.971	-0.005	13 9	56.F	51.F	-3.619	5975.	29.202
DEC	6.80566	19 15	77.F	53.F	116.220	-0.095	26 9	50.F	42.F	-16.469	6134.	29.417
TOTAL	213.673					-0.444					74595.	
MAX					204.080					-127.921		29.417

For sens/latent
components, see SS-I

For
24-hr profile,
see SS-J

Important Note:

Loads reported here are coil loads, i.e., these loads include outside ventilation air, duct loss/gain, fan heat, and economizer effects (if any). SS-A reports coil loads only for one system.

For more detailed reporting similar to this report, see SS-Q (for Heat Pumps ONLY).

Includes only items known about by the LOADS and SYSTEMS programs, i.e., lights, plugs, fans, DX compressors, reheat, etc., for this system. Central plant electric is included on "PS-" reports.

**** Important Report ****

One SS-B report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-B** System Loads Summary for

System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

MONTH	- ZONE COOLING -		- ZONE HEATING -		- BASEBOARDS -		- PREHEAT OR FURN FAN ELEC -	
	COOLING BY ZONE COILS OR NAT VENTIL (MBTU)	MAXIMUM COOLING BY ZONE COILS OR NAT VENTIL (KBTU/HR)	HEATING BY ZONE COILS OR FURNACE (MBTU)	MAXIMUM HEATING BY ZONE COILS OR FURNACE (KBTU/HR)	BASEBOARD HEATING ENERGY (MBTU)	MAXIMUM BASEBOARD HEATING ENERGY (KBTU/HR)	PREHEAT COIL ENERGY OR ELEC FOR FURN FAN (MBTU)	MAXIMUM PREHEAT COIL ENERGY OR ELEC FOR FURN FAN (KBTU/HR)
JAN	0.00000	0.000	-0.25887	-114.660	0.00000	0.000	0.00000	0.000
FEB	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
MAR	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
APR	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
MAY	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
JUN	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
JUL	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
AUG	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
SEP	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
OCT	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
NOV	0.00000	0.000	0.00000	0.000	0.00000	0.000	0.00000	0.000
DEC	0.00000	0.000	-0.01095	-6.519	0.00000	0.000	0.00000	0.000
TOTAL	0.000		-0.270		0.000		0.000	
MAX		0.000		-114.660		0.000		0.000

This is the only place natural ventilative cooling is reported. NOTE: this is a system-level report, i.e., for building total natural ventilation, you must sum the SS-B reports. Natural ventilation (if used) acts like a non-integrated economizer (i.e., reports only for hours it can fully meet the cooling load).

This is the only place reheat energy is reported separately. NOTE: this is a system-level report, i.e., for building total reheat, you must sum the SS-B reports. See SS-F for Zone-level reporting.

This is the only place baseboard energy is reported separately. NOTE: this is a system-level report, i.e., for building total baseboards, you must sum the SS-B reports. See SS-F for Zone-level reporting.

This is the only place preheat energy is reported separately. NOTE: this is a system-level report, i.e., for building total preheat, you must sum the SS-B reports.

One SS-C report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-C** System Load Hours for

System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

-- N U M B E R O F H O U R S --												--COINCIDENT LOADS--	
MONTH	HOURS COOLING LOAD	HOURS HEATING LOAD	HOURS COINCIDENT COOL-HEAT LOAD	HOURS FLOATING	HOURS HEATING AVAIL.	HOURS COOLING AVAIL.	HOURS FANS ON	HOURS FANS CYCLE ON	HOURS NIGHT VENTING	HOURS FLOATING WHEN FANS ON	HEATING LOAD AT COOLING PEAK (KBTU/HR)	ELECTRIC LOAD AT COOLING PEAK (KW)	
JAN	165	17	4	566	744	744	274	0	0	96	0.000	24.177	
FEB	166	2	0	504	672	672	241	0	0	73	0.000	23.926	
MAR	190	0	0	554	744	744	282	0	0	92	0.000	24.068	
APR	187	0	0	533	720	720	263	0	0	76	0.000	24.658	
MAY	225	0	0	519	744	744	274	0	0	49	0.000	24.311	
JUN	248	0	0	472	720	720	271	0	0	23	0.000	24.606	
JUL	249	0	0	495	744	744	263	0	0	14	0.000	24.729	
AUG	280	0	0	464	744	744	285	0	0	5	0.000	24.977	
SEP	239	0	0	481	720	720	249	0	0	10	0.000	25.000	
OCT	242	0	0	502	744	744	274	0	0	32	0.000	24.691	
NOV	197	2	0	521	720	720	252	0	0	53	0.000	24.338	
DEC	161	8	0	575	744	744	260	0	0	91	0.000	25.233	
ANNUAL	2549	29	4	6186	8760	8760	3188	0	0	614			

hours floating when fans are "off" +
"HOURS FLOATING WHEN FANS
ON"

Controlled by Heating/Cooling
Availability Schedule (defaults to
always available)
in eQUEST's Detailed Interface, see
"Air-Side HVAC System Parameters":
"Heating/Cooling" tab:
"Coil Capacity/Control" sub-tab

Controlled by user input in eQUEST's Wizard
at HVAC System Fan Schedules screen
(screens 19 & 20).
HOURS FANS ON =
HOUR COOLING LOAD +
HOURS HEATING LOAD -
HOURS COINCIDENT COOL-HEAT LOAD +
HOURS FLOATING WHEN FANS ON

provides an assessment of
oversizing for simultaneous
heating/cooling systems
(e.g., reheat systems)

IMPORTANT NOTE:

If a fan system runs for only part of an hour,
one hour is still logged for this report, i.e.,
these are not equivalent full-load hours.
For a building-level report of operations
hours, see SS-E.

One SS-H report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-H** System Utility Energy Use for System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

MONTH	-FAN ENERGY (KWH)	ELEC- MAXIMUM FAN LOAD (KW)	-FUEL GAS OIL ENERGY (MBTU)	HEAT- MAXIMUM GAS OIL LOAD (KBTU/HR)	-FUEL GAS OIL ENERGY (MBTU)	COOL- MAXIMUM GAS OIL LOAD (KBTU/HR)	ELEC ELECTRIC ENERGY (KWH)	HEAT- MAXIMUM ELECTRIC LOAD (KW)	ELEC ELECTRIC ENERGY (KWH)	COOL- MAXIMUM ELECTRIC LOAD (KW)
JAN	709.	3.588	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
FEB	640.	3.604	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
MAR	745.	3.265	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
APR	746.	3.753	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
MAY	823.	3.591	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
JUN	860.	3.945	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
JUL	867.	4.104	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
AUG	964.	4.285	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
SEP	806.	4.197	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
OCT	840.	4.096	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
NOV	705.	3.803	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
DEC	678.	3.716	0.000	0.000	0.000	0.000	0.	0.000	0.	0.000
TOTAL	9382.		0.000		0.000		0.		0.	
MAX		4.285		0.000		0.000		0.000		0.000

For a breakdown of heating vrs cooling fan hours, see SS-L.
For unitary DX systems, also see SS-P.

NOTE:
For a more detailed breakdown of heating, cooling, and fan energy use, also see SS-P (for unitary DX systems. Only)

Heat Pump compressor + condenser electric or electric reheat

Unitary equipment compressor + condenser electric

**** Important Report ****

One SS-I report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-I** Sensible/Latent Summary for System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

MONTH	SENSIBLE COOLING ENERGY (MBTU)	LATENT COOLING ENERGY (MBTU)	MAX TOTAL COOLING ENERGY (KBTU/HR)	SENSIBLE HEAT RATIO AT MAX	TIME OF MAX DY HR	SENSIBLE HEATING ENERGY (MBTU)	LATENT HEATING ENERGY (MBTU)	MAX TOTAL HEATING ENERGY (KBTU/HR)
JAN	6.45050	0.54778	106.237	1.000	11 13	-0.33485	0.00000	-127.921
FEB	6.39564	1.56342	106.263	0.734	16 13	-0.00855	0.00000	-7.526
MAR	7.35717	1.33280	110.816	0.881	16 13	0.00000	0.00000	0.000
APR	8.06314	0.78154	123.646	1.000	4 17	0.00000	0.00000	0.000
MAY	12.91002	3.49175	147.515	0.695	31 14	0.00000	0.00000	0.000
JUN	18.74260	8.05803	204.080	0.650	20 14	0.00000	0.00000	0.000
JUL	22.03828	8.55967	184.888	0.725	11 10	0.00000	0.00000	0.000
AUG	26.09985	8.77590	178.021	0.729	9 9	0.00000	0.00000	0.000
SEP	21.13661	7.48132	201.941	0.680	7 17	0.00000	0.00000	0.000
OCT	18.41732	5.12299	200.059	0.683	1 14	0.00000	0.00000	0.000
NOV	12.20625	1.33487	125.971	0.784	2 15	-0.00495	0.00000	-3.619
DEC	6.73569	0.06997	116.220	1.000	19 15	-0.09519	0.00000	-16.469
TOTAL	166.553	47.120				-0.444	0.000	
MAX			204.080	0.650				-127.921

Provides a sensible -
latent breakdown of
total monthly cooling
reported on SS-A

Provides a sensible -
latent breakdown of
total monthly heating
reported on SS-A

Up to Two SS-J reports for each System — the first for Design Day results, the second for weather file results (page 1 of 2)
(only one system included here for brevity)

3-Story Office Bldg

This tag indicates this report documents only
 Design Day results (not weather file results).

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-J** Peak Heating and Cooling for System 1 (VAVS) (G)

DESIGN DAY

WEATHER FILE- CZ06RV2 WYEC2

The weather file is reported, even though this is a
 Design Day report (may cause confusion)

Reports 24-hr
 profile for day with
 peak cooling
HOUR.

--- C O O L I N G ---
 JUN 21

--- H E A T I N G ---
 DEC 21

D A Y C O O L I N G P E A K
 JUN 21

Reports 24-hr profile
 for the day with the
 maximum Day-Long
 cooling load (largest
 24-hr sum). (May not
 be same day as peak
 hour day for annual
 weather file results.)
 Useful for TES sizing.
 Compare building
 total on SS-D report.

	HOURLY COOLING LOAD	SENSIBLE HEAT RATIO	DRY- BULB TEMP	WET- BULB TEMP	HOURLY HEATING LOAD	DRY- BULB TEMP	WET- BULB TEMP	HOURLY COOLING LOAD	SENSIBLE HEAT RATIO	DRY- BULB TEMP	WET- BULB TEMP
hour	(KBTU)				(KBTU)			(KBTU)			
1	0.000	0.000	78.F	62.F	0.000	37.F	31.F	0.000	0.000	78.F	62.F
2	0.000	0.000	77.F	62.F	0.000	37.F	31.F	0.000	0.000	77.F	62.F
3	0.000	0.000	77.F	62.F	0.000	37.F	31.F	0.000	0.000	77.F	62.F
4	0.000	0.000	77.F	62.F	0.000	37.F	31.F	0.000	0.000	77.F	62.F
5	0.000	0.000	77.F	62.F	0.000	37.F	31.F	0.000	0.000	77.F	62.F
6	0.000	0.000	78.F	62.F	0.000	37.F	31.F	0.000	0.000	78.F	62.F
7	51.662	0.915	79.F	63.F	0.000	37.F	31.F	51.662	0.915	79.F	63.F
8	223.857	0.920	81.F	63.F	-14.511	37.F	31.F	223.857	0.920	81.F	63.F
9	203.781	0.905	83.F	64.F	-136.408	37.F	31.F	203.781	0.905	83.F	64.F
10	193.384	0.897	85.F	64.F	-69.997	37.F	31.F	193.384	0.897	85.F	64.F
11	193.060	0.898	87.F	65.F	-53.072	37.F	31.F	193.060	0.898	87.F	65.F
12	194.928	0.899	88.F	66.F	-45.162	37.F	31.F	194.928	0.899	88.F	66.F
13	196.798	0.900	89.F	66.F	-41.946	37.F	31.F	196.798	0.900	89.F	66.F
14	197.782	0.900	90.F	66.F	-38.574	37.F	31.F	197.782	0.900	90.F	66.F
15	200.104	0.901	91.F	66.F	-34.481	37.F	31.F	200.104	0.901	91.F	66.F
16	205.685	0.902	90.F	66.F	-29.969	37.F	31.F	205.685	0.902	90.F	66.F
17	64.732	0.919	90.F	66.F	-28.312	37.F	31.F	64.732	0.919	90.F	66.F
18	0.000	0.000	89.F	66.F	0.000	37.F	31.F	0.000	0.000	89.F	66.F
19	0.000	0.000	88.F	65.F	0.000	37.F	31.F	0.000	0.000	88.F	65.F
20	0.000	0.000	86.F	65.F	0.000	37.F	31.F	0.000	0.000	86.F	65.F
21	0.000	0.000	84.F	64.F	0.000	37.F	31.F	0.000	0.000	84.F	64.F
22	0.000	0.000	83.F	64.F	0.000	37.F	31.F	0.000	0.000	83.F	64.F
23	0.000	0.000	81.F	63.F	0.000	37.F	31.F	0.000	0.000	81.F	63.F
24	0.000	0.000	80.F	63.F	0.000	37.F	31.F	0.000	0.000	80.F	63.F
SUM	-----				-----			-----			
MAX	223.857				-136.408			1925.773			

SYSTEM-TYPE	VAVS	SQFT/TON	696.9
COOLING PEAK	17.22 (BTU/HR- SQFT)	HEATING PEAK	-10.49 (BTU/HR- SQFT)
SUPPLY AIR PEAK FLOW	0.58 (CFM/SQFT)	MIN-OA/PERSON	16.90 (CFM)
OA FRAC AT CLG PEAK	0.228	OA FRAC AT HTG PEAK	0.470

Review these values as a
 "sanity check" for each
 system.

* ASTERISKS INDICATE HOURS LOADS NOT MET

IMPORTANT NOTE:

The 24-hour profiles on this report will include "pick-up" or "pull-down"
 loads (resulting from floating space temperatures during fan OFF hours).

**** Important Report ****

Up to Two SS-J reports for each System — the first for Design Day results, the second for weather file results (page 1 of 2)
(only one system included here for brevity)

3-Story Office Bldg

No "Design Day" tag indicates
this report documents weather

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-J** Peak Heating and Cooling for System 1 (VAVS) (G) WEATHER FILE- CZ06RV2 WYEC2

	- - - - C O O L I N G - - - -				- - - H E A T I N G - - -			D A Y C O O L I N G P E A K			
	JUN 20				JAN 2			SEP 7			
HOURLY	HOURLY	SENSIBLE	DRY-	WET-	HOURLY	DRY-	WET-	HOURLY	SENSIBLE	DRY-	WET-
COOLING	COOLING	HEAT	BULB	BULB	HEATING	BULB	BULB	COOLING	HEAT	BULB	BULB
LOAD	LOAD	RATIO	TEMP	TEMP	LOAD	TEMP	TEMP	LOAD	RATIO	TEMP	TEMP
(KBTU)	(KBTU)				(KBTU)			(KBTU)			
1	0.000	0.000	59.F	58.F	0.000	48.F	46.F	0.000	0.000	68.F	66.F
2	0.000	0.000	59.F	57.F	0.000	47.F	45.F	0.000	0.000	68.F	64.F
3	0.000	0.000	58.F	57.F	0.000	44.F	42.F	0.000	0.000	68.F	64.F
4	0.000	0.000	58.F	56.F	0.000	43.F	41.F	0.000	0.000	68.F	65.F
5	0.000	0.000	60.F	58.F	0.000	44.F	42.F	0.000	0.000	67.F	64.F
6	0.000	0.000	63.F	60.F	0.000	43.F	41.F	0.000	0.000	67.F	65.F
7	26.097	0.594	65.F	62.F	0.000	42.F	40.F	43.922	0.531	69.F	66.F
8	148.827	0.671	70.F	66.F	-25.727	44.F	41.F	172.644	0.687	71.F	67.F
9	166.892	0.662	75.F	69.F	-127.921	51.F	46.F	185.862	0.671	76.F	70.F
10	183.615	0.646	80.F	72.F	-55.636	53.F	48.F	185.491	0.686	78.F	70.F
11	187.272	0.669	82.F	72.F	-24.443	60.F	52.F	187.705	0.689	78.F	70.F
12	194.910	0.650	82.F	73.F	-16.313	64.F	53.F	195.188	0.708	82.F	71.F
13	204.080	0.650	84.F	74.F	-8.914	66.F	56.F	194.650	0.707	82.F	71.F
14	191.313	0.674	82.F	72.F	-2.590	64.F	53.F	193.539	0.679	79.F	71.F
15	187.021	0.678	80.F	71.F	-0.894	57.F	52.F	192.316	0.730	82.F	70.F
16	186.201	0.678	78.F	70.F	-0.932	57.F	51.F	201.941	0.680	79.F	71.F
17	59.891	0.594	76.F	68.F	-1.559	55.F	50.F	69.845	0.563	78.F	70.F
18	0.000	0.000	73.F	66.F	0.000	52.F	49.F	0.000	0.000	74.F	69.F
19	0.000	0.000	70.F	64.F	0.000	55.F	52.F	0.000	0.000	73.F	69.F
20	0.000	0.000	67.F	63.F	0.000	55.F	50.F	0.000	0.000	71.F	69.F
21	0.000	0.000	65.F	61.F	0.000	52.F	48.F	0.000	0.000	70.F	68.F
22	0.000	0.000	63.F	60.F	0.000	52.F	46.F	0.000	0.000	70.F	68.F
23	0.000	0.000	61.F	59.F	0.000	52.F	46.F	0.000	0.000	70.F	67.F
24	0.000	0.000	60.F	58.F	0.000	51.F	44.F	0.000	0.000	69.F	66.F
-----								-----			
SUM								1823.101			
MAX	204.080				-127.921						

This flow rate is set by:
1) user input in eQUEST or
2) based on a Design Day run (see previous SS-J report), if used,
or 3) based on a Weather File run if no Design Day is used.

SYSTEM-TYPE	VAVS	SQFT/TON	764.4
COOLING PEAK	15.70 (BTU/HR- SQFT)	HEATING PEAK	-9.84 (BTU/HR- SQFT)
SUPPLY AIR PEAK FLOW	0.58 (CFM/SQFT)	MIN-OA/PERSON	16.90 (CFM)
OA FRAC AT CLG PEAK	0.343	OA FRAC AT HTG PEAK	0.459

* ASTERISKS INDICATE HOURS LOADS NOT MET

IMPORTANT NOTE:

The 24-hour profiles on this report will include "pick-up" or "pull-down" loads (resulting from floating space temperatures during fan OFF hours).

**** Important Report ****

One SS-K report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-K** Space Temperature Summary for System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

MONTH	A V E R A G E S P A C E T E M P					AVERAGE TEMPERATURE	DIFFERENCE	SUMMED TEMP	DIFFERENCE	HUMIDITY RATIO	
	ALL HOURS (F)	COOLING HOURS (F)	HEATING HOURS (F)	FAN ON HOURS (F)	FAN OFF HOURS (F)	BETWEEN OUTDOOR& ROOM AIR ALL HOURS (F)	BETWEEN OUTDOOR& ROOM AIR FAN ON HOURS (F)	BETWEEN OUTDOOR& ROOM AIR FAN OFF HOURS (F)	BETWEEN OUTDOOR& ROOM AIR HEATING HOURS (F)	BETWEEN OUTDOOR& ROOM AIR ALL HOURS (F)	DIFFERENCE BETWEEN OUTDOOR AND ROOM AIR (FRAC.OR MULT.)
JAN	73.51	74.76	70.97	74.28	73.05	-17.56	-14.01	-19.63	10.85	545.02	-0.00094
FEB	74.33	75.15	72.79	74.85	74.04	-17.71	-13.69	-19.95	1.52	496.58	-0.00071
MAR	74.43	75.21	0.00	74.92	74.13	-17.93	-13.32	-20.74	0.00	556.46	-0.00061
APR	74.99	75.49	0.00	75.26	74.83	-16.02	-11.99	-18.34	0.00	483.78	-0.00100
MAY	75.46	75.67	0.00	75.53	75.42	-14.37	-10.21	-16.79	0.00	446.33	-0.00009
JUN	76.15	75.90	0.00	75.85	76.33	-11.83	-6.73	-14.90	0.00	361.16	0.00086
JUL	76.48	76.03	0.00	76.01	76.74	-9.66	-4.23	-12.63	0.00	311.27	0.00113
AUG	76.64	76.12	0.00	76.11	76.96	-8.34	-3.36	-11.43	0.00	268.59	0.00157
SEP	76.39	75.96	0.00	75.94	76.63	-8.74	-3.50	-11.51	0.00	280.91	0.00143
OCT	75.75	75.74	0.00	75.67	75.80	-11.46	-6.85	-14.15	0.00	371.33	0.00032
NOV	74.68	75.35	72.99	75.12	74.45	-14.70	-9.41	-17.55	1.46	444.22	-0.00091
DEC	73.89	74.89	72.36	74.51	73.55	-18.96	-13.84	-21.70	7.04	588.76	-0.00094
ANNUAL	75.23	75.60	71.62	75.34	75.16	-13.92	-9.24	-16.60	20.87	5154.40	0.00001

IMPORTANT NOTE:

Average temperatures include any unconditioned zone temperatures assigned to the system.

One SS-R report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-R** Zone Performance Summary for System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

ZONE	ZONE OF MAXIMUM HTG DMND (HOURS)	ZONE OF MAXIMUM CLG DMND (HOURS)	ZONE UNDER HEATED (HOURS)	ZONE UNDER COOLED (HOURS)	Number of hours within each PART LOAD range											TOTAL RUN HOURS	
					00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +		
South Perim Zone (G.S1)	0	1401	0	46	0	0	840	55	259	685	631	257	162	299	0	0	3188
East Perim Zone (G.E2)	0	176	0	0	0	0	1542	703	613	174	116	33	7	0	0	0	3188
North Perim Zone (G.N3)	0	1	0	0	0	0	1432	395	466	647	247	1	0	0	0	0	3188
West Perim Zone (G.W4)	0	160	0	0	0	0	1525	641	610	205	125	76	6	0	0	0	3188
Core Zone (G.C5)	0	1450	0	0	0	0	0	0	1269	640	1192	87	0	0	0	0	3188
TOTAL	0	3188	0	46													

IMPORTANT NOTE:

Check here for hours out of control.
Compare to "Hours Outside Throttling
Range" on BEPS and BEPU reports.

See the SS-F report of any offending
zone to see what month(s) the
problem occurred in.

See the SS-G report for any offending
zone to get an idea of the time of day
the control problem occurs.

**** Important Report ****

One SS-L report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-L** Fan Electric Energy Use for System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

MONTH	FAN ELEC DURING HEATING (KWH)	FAN ELEC DURING COOLING (KWH)	FAN ELEC DURING HEAT & COOL (KWH)	FAN ELEC DURING FLOATING (KWH)	Number of hours within each PART LOAD range											TOTAL RUN HOURS
					00 10	10 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 +	
JAN	39.455	455.446	9.460	223.216	0	0	0	154	98	22	0	0	0	0	0	274
FEB	4.480	466.890	0.000	168.577	0	0	0	120	92	29	0	0	0	0	0	241
MAR	0.000	531.361	0.000	213.856	0	0	0	134	123	25	0	0	0	0	0	282
APR	0.000	566.748	0.000	179.406	0	0	0	90	69	103	1	0	0	0	0	263
MAY	0.000	709.446	0.000	113.750	0	0	0	70	38	166	0	0	0	0	0	274
JUN	0.000	806.921	0.000	52.598	0	0	0	56	21	166	28	0	0	0	0	271
JUL	0.000	835.799	0.000	31.361	0	0	0	51	5	131	76	0	0	0	0	263
AUG	0.000	952.859	0.000	11.200	0	0	0	54	5	105	121	0	0	0	0	285
SEP	0.000	783.344	0.000	22.401	0	0	0	49	22	122	56	0	0	0	0	249
OCT	0.000	767.802	0.000	72.498	0	0	0	59	64	124	27	0	0	0	0	274
NOV	4.480	576.682	0.000	123.611	0	0	0	99	77	72	4	0	0	0	0	252
DEC	17.921	444.306	0.000	215.425	0	0	0	144	94	18	4	0	0	0	0	260
ANNUAL	66.336	7897.629	9.460	1427.909	0	0	0	1080	708	1083	317	0	0	0	0	3188

BREAKDOWN OF ANNUAL FAN POWER USAGE

FAN TYPE	ANNUAL FAN ELEC (KWH)
SUPPLY	7037.
RETURN	2346.
TOTAL	9382.

NOTE:
For a building-level report similar to
this system-level report, see SS-M.

Used to confirm fan sizing and
minimum flow settings.
In this example, default non-coincident
fan sizing led to maximum part-loads
less than 70%.

**** Important Report ****

One SS-N report for each SYSTEM (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-N** Relative Humidity Summary for System 1 (VAVS) (G)

WEATHER FILE- CZ06RV2 WYEC2

These hours report "hour ending" time, i.e., 1AM reports the hour ending at 1am (midnight to 1am).

HOUR		TOTAL HOURS AT RELATIVE HUMIDITY LEVEL AND TIME OF DAY																								TOTAL
		1AM	2	3	4	5	6	7	8	9	10	11	12	1PM	2	3	4	5	6	7	8	9	10	11	12	
90-100		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80-89		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70-79		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60-69		0	0	0	0	0	0	0	2	2	3	2	1	2	1	2	0	0	0	0	0	0	0	0	0	15
50-59		0	0	0	0	0	0	62	67	61	38	24	20	17	16	20	19	53	7	0	0	0	0	0	0	404
40-49		0	0	0	0	0	0	66	131	175	205	226	235	238	250	243	214	156	52	0	0	0	0	0	0	2200
30-39		0	0	0	0	0	0	8	36	33	24	25	26	26	19	25	28	29	24	0	0	0	0	0	0	305
20-29		0	0	0	0	0	0	6	22	23	25	19	16	17	13	8	9	9	14	0	0	0	0	0	0	190
10-19		0	0	0	0	0	0	4	23	7	7	6	4	2	4	6	4	4	6	0	0	0	0	0	0	79
0-09		0	0	0	0	0	0	0	1	3	2	2	2	2	1	0	0	1	3	0	0	0	0	0	0	17
		===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	=====

*
* NOTE 1)THE RELATIVE HUMIDITY COUNTS ARE MADE ONLY FOR
* THE HOURS WHEN THE FANS ARE ON
*

NOTE:

DOE-2's humidistat is only located in the central return path for the system, therefore, the RH's reported here are the average for all zones served by the system.

One SS-G report for each ZONE (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-G** Zone Loads Summary for

South Perim Zone (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

MONTH	- - - - - C O O L I N G - - - - -						- - - - - H E A T I N G - - - - -						- - - E L E C - - -	
	COOLING ENERGY (MBTU)	TIME OF MAX DY HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM COOLING LOAD (KBTU/HR)		HEATING ENERGY (MBTU)	TIME OF MAX DY HR	DRY- BULB TEMP	WET- BULB TEMP	MAXIMUM HEATING LOAD (KBTU/HR)		ELEC- TRICAL ENERGY (KWH)	MAXIMUM ELEC LOAD (KW)
JAN	0.00000	31 24	50.F	49.F	0.000		-0.006	2 9	51.F	46.F	-6.252		627.	3.560
FEB	0.00000	28 24	51.F	50.F	0.000		0.000	28 24	51.F	50.F	0.000		535.	3.078
MAR	0.00000	31 24	52.F	51.F	0.000		0.000	31 24	52.F	51.F	0.000		608.	2.107
APR	0.00000	30 1	55.F	55.F	0.000		0.000	30 1	55.F	55.F	0.000		566.	2.107
MAY	0.00000	31 1	54.F	49.F	0.000		0.000	31 1	54.F	49.F	0.000		589.	2.107
JUN	0.00000	30 1	61.F	58.F	0.000		0.000	30 1	61.F	58.F	0.000		577.	2.107
JUL	0.00000	31 1	63.F	58.F	0.000		0.000	31 1	63.F	58.F	0.000		562.	2.107
AUG	0.00000	31 1	64.F	56.F	0.000		0.000	31 1	64.F	56.F	0.000		615.	2.107
SEP	0.00000	30 1	63.F	61.F	0.000		0.000	30 1	63.F	61.F	0.000		537.	2.257
OCT	0.00000	31 24	55.F	47.F	0.000		0.000	31 24	55.F	47.F	0.000		607.	2.715
NOV	0.00000	30 24	52.F	43.F	0.000		0.000	30 24	52.F	43.F	0.000		581.	3.718
DEC	0.00000	31 24	48.F	47.F	0.000		0.000	31 24	48.F	47.F	0.000		602.	3.786
TOTAL	0.000						-0.006						7007.	
MAX					0.000						-6.252			3.786

No zone-level cooling in this example.
(Cooling via natural ventilation is only
reported at the system level on SS-B.)

Zone-level heating in this
example is reheat.

Includes only items known about by the
LOADS and SYSTEMS programs, i.e.,
lights, plugs, fans, DX compressors,
reheat, etc., for this zone.
Central plant electric is included on
"PS-" reports.

One SS-F report for each ZONE (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-F** Zone Demand Summary for

South Perim Zone (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

- - - D E M A N D S - - - - - B A S E B O A R D S - - -					- T E M P E R A T U R E S - - -		- L O A D S N O T M E T - -	
MONTH	HEAT EXTRACTION ENERGY (MBTU)	HEAT ADDITION ENERGY (MBTU)	BASEBOARD ENERGY (MBTU)	MAXIMUM BASEBOARD LOAD (KBTU/HR)	MAXIMUM ZONE TEMP (F)	MINIMUM ZONE TEMP (F)	HOURS UNDER HEATED	HOURS UNDER COOLED
JAN	3.16646	-0.005	0.00000	0.000	79.3	65.7	0	12
FEB	2.77667	0.000	0.00000	0.000	78.2	70.3	0	3
MAR	2.49827	0.000	0.00000	0.000	77.2	71.1	0	0
APR	1.71558	0.000	0.00000	0.000	76.5	71.1	0	0
MAY	1.90271	0.000	0.00000	0.000	76.0	72.0	0	0
JUN	2.25829	0.000	0.00000	0.000	76.7	73.4	0	0
JUL	2.43026	0.000	0.00000	0.000	77.0	74.1	0	0
AUG	2.91116	0.000	0.00000	0.000	77.3	74.7	0	0
SEP	2.58410	0.000	0.00000	0.000	77.7	74.0	0	0
OCT	3.10833	0.000	0.00000	0.000	78.6	73.2	0	0
NOV	3.06735	0.000	0.00000	0.000	79.0	71.7	0	10
DEC	3.06291	0.000	0.00000	0.000	80.1	69.5	0	21

These zone temperatures are hour-ending temperatures and are only reported for fan run hours, i.e., these temperatures always report conditions after the fans have been running at least one hour.

Reports hours outside throttling range by month for this zone.

The recommended sequence to check adequate control: Check hours outside throttling range on BEPS or BEPU report, then check SS-R report, then check this report and the next report (SS-O).

**** Important Report ****

One SS-O report for each ZONE (only one included here for brevity)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-O** Space Temperature Summary for South Perim Zone (G.S1)

WEATHER FILE- CZ06RV2 WYEC2

These hours report "hour ending" time, i.e., 1AM reports the hour ending at 1am (midnight to 1am).

HOUR		TOTAL HOURS AT TEMPERATURE LEVEL AND TIME OF DAY																								TOTAL
		1AM	2	3	4	5	6	7	8	9	10	11	12	1PM	2	3	4	5	6	7	8	9	10	11	12	
ABOVE 85		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
80-85		0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
75-80		0	0	0	0	0	0	65	140	245	288	300	301	303	303	303	274	238	58	0	0	0	0	0	0	2818
70-75		0	0	0	0	0	0	81	138	59	16	4	3	0	0	1	0	14	48	0	0	0	0	0	0	364
65-70		0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
60-65		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELOW 60		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	===	=====

Unfortunately, these temperature ranges ("bins") cannot be set by the user. Therefore, these pre-set bins may not correspond very conveniently to the throttling range limits in any specific example.

*
* NOTE 1) THE TEMPERATURE COUNTS ARE MADE ONLY FOR
* THE HOURS WHEN THE FANS ARE ON
*

NOTE:

Use this report to check the time of day for any hours outside of throttling range (as reported on BEPS, BEPU, SS-R, or SS-F).

In this example, these hours indicate inadequate flow to this south zone, as suggested by hours outside of throttling range (BEPS, BEPU, SS-R, and SS-F). Likely due to inadequate Design Day sizing where low sun angle in winter months sets the south zone peak space load (not captured using Design Day).

**** Important Report ****

One SS-P report for each UNITARY SYSTEM (i.e., PSZ, PVAVS, RESYS, RESVVT, PTAC, or HP — only one included here for brevity)

3-Story Office Bldg

NOTE: To obtain this report, SS-H must also be selected.

DOE-B2.2NT38

4/07/2001

10:36:50

BDL RUN 2

REPORT- **SS-P Heating** Performance Summary of System 2 (PSZ) (T.S13)

WEATHER FILE- CZ06RV2 WYEC2

UNIT TYPE is PSZ			HEATING-CAPACITY = -40.504 (KBTU/HR) HEATING-EIR = 0.345 (BTU/BTU) SUPPLY-FLOW = 965. (CFM)																
UNIT LOAD			ENERGY USE	COMPRESSOR	FAN ENERGY	Number of hours within each PART LOAD range											TOTAL		
SUM	(MBTU)	(KWH)	(KWH)	(KWH)		00	10	20	30	40	50	60	70	80	90	100	RUN		
MONTH	PEAK	(KBTU/HR)	(KW)	(KW)	(KW)		10	20	30	40	50	60	70	80	90	100	+ HOURS		
-----			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
JAN	SUM	-0.067	35.548	31.002	73.185	CMP	66	0	1	0	1	0	0	0	0	0	68		
	PEAK	-20.264	2.097	2.097	0.267	FAN	0	0	0	0	0	0	0	0	0	0	68		
	DAY/HR	2/ 9	2/ 9	2/ 9	31/18														
FEB	SUM	-0.020	21.238	18.845	64.370	CMP	46	0	0	0	0	0	0	0	0	0	46		
	PEAK	-1.989	0.540	0.540	0.267	FAN	0	0	0	0	0	0	0	0	0	0	46		
	DAY/HR	5/ 9	5/ 9	5/ 9	28/18														
MAR	SUM	-0.029	26.262	23.489	75.321	CMP	56	0	0	0	0	0	0	0	0	0	56		
	PEAK	-2.815	0.635	0.635	0.267	FAN	0	0	0	0	0	0	0	0	0	0	56		
	DAY/HR	17/10	17/10	17/10	31/16														
APR	SUM	-0.020	20.206	19.506	70.247	CMP	47	0	0	0	0	0	0	0	0	0	47		
	PEAK	-1.631	0.528	0.528	0.267	FAN	0	0	0	0	0	0	0	0	0	0	47		
	DAY/HR	30/11	30/11	30/11	30/18														
MAY	SUM	-0.018	19.888	19.638	73.185	CMP	47	0	0	0	0	0	0	0	0	0	47		
	PEAK	-1.367	0.510	0.510	0.267	FAN	0	0	0	0	0	0	0	0	0	0	47		
	DAY/HR	26/10	26/10	26/10	31/18														
JUN	SUM	-0.010	12.598	12.598	72.383	CMP	30	0	0	0	0	0	0	0	0	0	30		
	PEAK	-1.461	0.507	0.507	0.267	FAN	0	0	0	0	0	0	0	0	0	0	30		
	DAY/HR	2/10	2/10	2/10	30/16														
JUL	SUM	-0.006	9.350	9.350	70.247	CMP	22	0	0	0	0	0	0	0	0	0	22		
	PEAK	-0.334	0.442	0.442	0.267	FAN	0	0	0	0	0	0	0	0	0	0	22		
	DAY/HR	3/ 8	24/ 8	24/ 8	31/18														
AUG	SUM	-0.005	9.190	9.190	76.123	CMP	21	0	0	0	0	0	0	0	0	0	21		
	PEAK	-0.313	0.468	0.468	0.267	FAN	0	0	0	0	0	0	0	0	0	0	21		
	DAY/HR	22/ 8	6/ 8	6/ 8	31/18														
SEP	SUM	-0.006	9.840	9.840	66.507	CMP	23	0	0	0	0	0	0	0	0	0	23		
	PEAK	-0.346	0.471	0.471	0.267	FAN	0	0	0	0	0	0	0	0	0	0	23		
	DAY/HR	27/ 8	24/ 9	24/ 9	29/16														
OCT	SUM	-0.012	15.250	15.175	73.185	CMP	36	0	0	0	0	0	0	0	0	0	36		
	PEAK	-0.650	0.463	0.463	0.267	FAN	0	0	0	0	0	0	0	0	0	0	36		
	DAY/HR	30/ 9	25/ 9	25/ 9	31/18														
NOV	SUM	-0.022	20.971	19.498	67.309	CMP	46	0	0	0	0	0	0	0	0	0	46		
	PEAK	-1.759	0.543	0.543	0.267	FAN	0	0	0	0	0	0	0	0	0	0	46		
	DAY/HR	13/11	13/11	13/11	30/18														
DEC	SUM	-0.046	35.037	29.687	69.445	CMP	68	1	0	0	0	0	0	0	0	0	69		
	PEAK	-6.149	0.897	0.897	0.267	FAN	0	0	0	0	0	0	0	0	0	0	69		
	DAY/HR	31/ 9	31/ 9	31/ 9	31/18														
YR	SUM	-0.261	235.376	217.818	851.486	CMP	508	1	1	0	1	0	0	0	0	0	511		
	PEAK	-20.264	2.097	2.097	0.267	FAN	0	0	0	0	0	0	0	0	0	0	511		
	MON/DAY	1/ 2	1/ 2	1/ 2	12/31														

**** Important Report ****

One SS-P report for each UNITARY SYSTEM (i.e., PSZ, PVAVS, RESYS, RESVVT, PTAC, or HP — only one included here for brevity)

3-Story Office Bldg

NOTE: To obtain this report, SS-H must also be selected.

DOE-B2.2NT38

4/07/2001

10:36:50

BDL RUN 2

REPORT- **SS-P Cooling** Performance Summary of System 2 (PSZ) (T.S13)

WEATHER FILE- CZ06RV2 WYEC2

UNIT TYPE is PSZ			COOLING-CAPACITY = 33.557 (KBTU/HR) COOLING-EIR = 0.416 (BTU/BTU) SUPPLY-FLOW = 965. (CFM)																
MONTH	UNIT TYPE	LOAD (KBTU/HR)	ENERGY USE (KWH) (KW)	COMPRESSOR (KWH) (KW)	FAN ENERGY (KWH) (KW)	COP	Number of hours within each PART LOAD range										TOTAL RUN HOURS		
							00	10	20	30	40	50	60	70	80	90		100	
							10	20	30	40	50	60	70	80	90	100		+	
JAN	SUM	2.842	287.448	284.349	73.185	CMP	0	0	3	3	13	15	53	43	1	0	0	131	
	PEAK	27.395	2.827	2.827	0.267	FAN	0	0	0	0	0	0	0	0	0	0	131	131	
	DAY/HR	18/13	11/13	11/13	31/18														
FEB	SUM	2.722	274.443	272.243	64.370	CMP	1	0	3	6	13	7	42	52	1	0	0	125	
	PEAK	27.761	2.838	2.838	0.267	FAN	0	0	0	0	0	0	0	0	0	0	124	124	
	DAY/HR	16/13	12/13	12/13	28/18														
MAR	SUM	2.211	224.134	221.409	75.321	CMP	1	0	3	8	33	42	23	10	1	0	0	121	
	PEAK	27.353	2.868	2.868	0.267	FAN	0	0	0	0	0	0	0	0	0	0	120	120	
	DAY/HR	16/13	16/13	16/13	31/16														
APR	SUM	1.329	137.767	137.067	70.247	CMP	3	0	14	28	30	21	3	0	0	0	0	99	
	PEAK	20.847	2.275	2.275	0.267	FAN	0	0	0	0	0	0	0	0	0	0	96	96	
	DAY/HR	6/14	4/14	4/14	30/18														
MAY	SUM	2.603	261.987	261.737	73.185	CMP	4	0	16	22	66	44	15	1	0	0	0	168	
	PEAK	23.977	2.665	2.665	0.267	FAN	0	0	0	0	0	0	0	0	0	0	164	164	
	DAY/HR	31/14	29/14	29/14	31/18														
JUN	SUM	3.769	387.657	387.657	72.383	CMP	6	0	5	16	39	57	44	22	7	1	0	197	
	PEAK	31.382	3.542	3.542	0.267	FAN	0	0	0	0	0	0	0	0	0	0	191	191	
	DAY/HR	20/14	20/14	20/14	30/16														
JUL	SUM	4.297	449.928	449.928	70.247	CMP	17	0	2	12	32	46	56	49	6	0	0	220	
	PEAK	27.809	3.262	3.262	0.267	FAN	0	0	0	0	0	0	0	0	0	0	203	203	
	DAY/HR	10/16	10/16	10/16	31/18														
AUG	SUM	4.953	519.924	519.924	76.123	CMP	19	0	0	10	28	49	70	67	4	0	0	247	
	PEAK	27.499	3.306	3.306	0.267	FAN	0	0	0	0	0	0	0	0	0	0	228	228	
	DAY/HR	31/15	31/15	31/15	31/18														
SEP	SUM	4.122	435.378	435.378	66.507	CMP	14	0	8	17	27	31	59	27	25	3	0	211	
	PEAK	31.479	3.465	3.465	0.267	FAN	0	0	0	0	0	0	0	0	0	0	197	197	
	DAY/HR	7/15	7/14	7/14	29/16														
OCT	SUM	4.095	422.497	422.422	73.185	CMP	11	0	10	16	24	40	39	23	20	19	2	204	
	PEAK	34.932	3.687	3.687	0.267	FAN	0	0	0	0	0	0	0	0	0	0	193	193	
	DAY/HR	1/14	1/14	1/14	31/18														
NOV	SUM	3.324	338.893	337.468	67.309	CMP	3	0	4	7	15	24	30	44	26	0	0	153	
	PEAK	29.063	3.168	3.168	0.267	FAN	0	0	0	0	0	0	0	0	0	0	150	150	
	DAY/HR	27/13	29/13	29/13	30/18														
DEC	SUM	2.503	257.208	252.434	69.445	CMP	2	0	4	6	17	19	55	16	5	0	0	124	
	PEAK	27.361	2.994	2.994	0.267	FAN	0	0	0	0	0	0	0	0	0	0	122	122	
	DAY/HR	19/15	19/14	19/14	31/18														
YR	SUM	38.770	3997.244	3982.015	851.486	CMP	81	0	72	151	337	395	489	354	96	23	2	2000	
	PEAK	34.932	3.687	3.687	0.267	FAN	0	0	0	0	0	0	0	0	0	0	1919	1919	
	MON/DAY	10/ 1	10/ 1	10/ 1	12/31														

**** Important Report ****

One SS-P report for each HEAT PUMP SYSTEM (i.e., PSZ, PVAVS, RESYS, RESVVT or PTAC — only one included here for brevity)

3-Story Office Bldg

NOTE: To obtain this report, SS-A must also be selected.

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-Q** Heat Pump **Cooling** Summary for System 2 (PSZ) (T.S13)

WEATHER FILE- CZ06RV2 WYEC2

	UNIT RUN TIME (HOURS)	TOTAL LOAD ON UNIT (MBTU)	ENERGY IN TO UNIT (MBTU)	AUXILIARY ENERGY (MBTU)	SUP UNIT LOAD (MBTU)	SUP UNIT ENERGY (MBTU)	WASTE HEAT GENERATED (MBTU)	WASTE HEAT USE (MBTU)		INDOOR FAN ENERGY (MBTU)
JAN	84.	2.842	0.970	0.011	0.000	0.000	0.000	0.000	0.000	0.154
FEB	80.	2.722	0.929	0.008	0.000	0.000	0.000	0.000	0.000	0.145
MAR	65.	2.211	0.756	0.009	0.000	0.000	0.000	0.000	0.000	0.158
APR	40.	1.329	0.468	0.002	0.000	0.000	0.000	0.000	0.000	0.142
MAY	76.	2.603	0.893	0.001	0.000	0.000	0.000	0.000	0.000	0.178
JUN	108.	3.769	1.323	0.000	0.000	0.000	0.000	0.000	0.000	0.197
JUL	124.	4.297	1.536	0.000	0.000	0.000	0.000	0.000	0.000	0.202
AUG	143.	4.953	1.774	0.000	0.000	0.000	0.000	0.000	0.000	0.224
SEP	119.	4.122	1.486	0.000	0.000	0.000	0.000	0.000	0.000	0.193
OCT	120.	4.095	1.442	0.000	0.000	0.000	0.000	0.000	0.000	0.196
NOV	98.	3.324	1.152	0.005	0.000	0.000	0.000	0.000	0.000	0.162
DEC	74.	2.503	0.862	0.016	0.000	0.000	0.000	0.000	0.000	0.143
ANNUAL	1130.	38.770	13.591	0.052	0.000	0.000	0.000	0.000	0.000	2.095

CSPF (WITH PARASITICS) = 2.46 (KBTU/HR)
CSPF (WITHOUT PARASITICS) = 2.85 (BTU/BTU)

"Seasonal Cooling COP" (Btu/Btu)
COP = TOTAL LOAD / ENERGY IN
"parasitics" are fan and pump (if any)
energy.

One SS-P report for each HEAT PUMP SYSTEM (i.e., PSZ, PVAVS, RESYS, RESVVT or PTAC — only one included here for brevity)

3-Story Office Bldg **NOTE: To obtain this report, SS-A must also be selected.** DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **SS-Q** Heat Pump **Heating** Summary for System 2 (PSZ) (T.S13) WEATHER FILE- CZ06RV2 WYEC2

UNIT RUN TIME (HOURS)	TOTAL LOAD ON UNIT (MBTU)	ENERGY IN TO UNIT (MBTU)	AUXILIARY ENERGY (MBTU)	SUP UNIT LOAD (MBTU)	SUP UNIT ENERGY (MBTU)	WASTE HEAT GENERATED (MBTU)	WASTE HEAT USE (MBTU)	DEFROST LOAD (MBTU)	INDOOR FAN ENERGY (MBTU)
JAN	2.	-0.067	0.109	0.012	0.000	0.000	0.000	0.000	0.096
FEB	0.	-0.020	0.064	0.008	0.000	0.000	0.000	0.000	0.074
MAR	1.	-0.029	0.080	0.009	0.000	0.000	0.000	0.000	0.099
APR	0.	-0.020	0.067	0.002	0.000	0.000	0.000	0.000	0.098
MAY	0.	-0.018	0.067	0.001	0.000	0.000	0.000	0.000	0.072
JUN	0.	-0.010	0.043	0.000	0.000	0.000	0.000	0.000	0.050
JUL	0.	-0.006	0.032	0.000	0.000	0.000	0.000	0.000	0.037
AUG	0.	-0.005	0.031	0.000	0.000	0.000	0.000	0.000	0.036
SEP	0.	-0.006	0.034	0.000	0.000	0.000	0.000	0.000	0.034
OCT	0.	-0.012	0.052	0.000	0.000	0.000	0.000	0.000	0.053
NOV	0.	-0.022	0.067	0.005	0.000	0.000	0.000	0.000	0.067
DEC	1.	-0.046	0.101	0.018	0.000	0.000	0.000	0.000	0.094
ANNUAL	6.	-0.261	0.747	0.057	0.000	0.000	0.000	0.000	0.811

HSPF (WITH PARASITICS) = 0.66 (KBTU/HR)
HSPF (WITHOUT PARASITICS) = 0.35 (BTU/BTU)

"Seasonal Heating COP" (Btu/Btu)
COP = TOTAL LOAD / ENERGY IN
"parasitics" are fan and pump (if any) energy.

One PV-A report only (this is a building level report — may be multiple pages depending on amount of plant equipment)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PV-A** Plant Design Parameters

WEATHER FILE- CZ06RV2 WYEC2

*** CIRCULATION LOOPS ***

HEATING CAPACITY (MBTU/HR)	COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)
Chilled Water Loop 0.000	0.570	112.4	56.6	0.0	0.00	0.0	0.00	168.7	1.00
Hot Water Loop -0.507	0.000	25.4	36.6	0.0	0.00	0.0	0.00	38.1	1.00
Condenser Water Loop 0.000	0.727	144.1	61.6	0.0	0.00	0.0	0.00	216.1	1.00
Domestic Hot Water Loop -0.020	0.000	0.5	0.0	0.0	0.00	0.0	0.00	0.8	1.00

*** PUMPS ***

ATTACHED TO	FLOW (GAL/MIN)	HEAD (FT)	HEAD SETPOINT (FT)	CAPACITY CONTROL	POWER (KW)	MECHANICAL EFFICIENCY (FRAC)	MOTOR EFFICIENCY (FRAC)
CHW Loop Pump Chilled Water Loop PRIMARY LOOP	1 PUMP(s) 112.4	80.0	37.6	VAR-SPEED	2.544	0.770	0.865
HW Loop Pump Hot Water Loop PRIMARY LOOP	1 PUMP(s) 25.4	40.0	0.0	ONE-SPEED	0.355	0.770	0.700
CW Loop Pump Condenser Water Loop PRIMARY LOOP	1 PUMP(s) 144.1	50.0	0.0	ONE-SPEED	2.176	0.770	0.810

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)
Boiler 1 (HWNatDraft) HW-BOILER	Hot Water Loop					
Chiller 1 (ElecRecipHerm) ELEC-HERM-REC	Chilled Water Loop Condenser Water Loop					

Chiller capacity
(in MBTU)
compare
with PS-C
PEAK Load

0.570
0.721

IMPORTANT NOTE:
reports non-coincident
heating & cooling
capacity. Depending on
each loop's SIZING-
OPTION, the capacity is
either the sum of all coil
loads (SECONDARY), or
suppliers (PRIMARY).

*** COOLING TOWERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	NUMBER OF CELLS	FAN POWER PER CELL (KW)	SPRAY PWR PER CELL (KW)	AUXILIARY (KW)
Open Tower OPEN-TWR	Condenser Water Loop	0.727	145.3	1	2.237	0.000	0.000

One PV-A report only (this is a building level report — page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PV-A** Plant Design Parameters

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

*** DW-HEATERS ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)	TANK (GAL)	TANK UA (BTU/HR-F)
GAS DW-HEATER	Domestic Hot Water Loop	-0.206	5.3	0.000	1.370	0.000	154.6	6.44

3-Story Office Bldg

REPORT- **PS-A** Plant Energy Utilization

WEATHER FILE- CZ06RV2 WYEC2

These loads are loads into the plant equipment and include all coil loads + pipe loss/gain (if any) + pump work.

One PS-B report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-B** Utility and Fuel Use Summary

WEATHER FILE- CZ06RV2 WYEC2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
EM1 ELECTRICITY													
KWH	25228.	22069.	25308.	23963.	27275.	29859.	30647.	33820.	28743.	29591.	25205.	23920.	325626.
MAX KW	118.6	119.2	117.3	125.0	127.5	144.6	140.7	138.6	145.9	142.4	137.7	131.7	145.9
DAY/HR	11/16	13/16	15/16	4/17	31/14	20/14	10/17	7/10	7/17	1/14	29/17	19/17	9/ 7
FM1 NATURAL-GAS													
THERM	69.	50.	58.	54.	55.	52.	50.	54.	45.	53.	49.	52.	642.
MAX THERM/HR	3.8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.1	3.8
DAY/HR	2/ 9	2/ 9	1/ 9	11/ 9	7/ 9	5/ 9	2/ 9	22/ 9	26/ 9	15/ 9	16/16	31/ 9	1/ 2

IMPORTANT NOTE:

More detailed annual information similar to this report is available on the PS-E report and the ES-E report (ES-E includes user-controlled monthly meter read dates).

One PS-C report only (this is a building level report — may be multiple pages depending on amount of plant equipment)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-C** Equipment Loads and Energy Use

WEATHER FILE- CZ06RV2 WYEC2

		COOL LOAD	HEAT LOAD	ELEC USE	FUEL USE	Number of hours within each PART LOAD range										TOTAL	
SUM	(MBTU)	(MBTU)	(KWH)	(MBTU)		00	10	20	30	40	50	60	70	80	90	100	RUN
PEAK	(KBTU/HR)	(KBTU/HR)	(KW)	(KBTU/HR)		10	20	30	40	50	60	70	80	90	100	+	HOURS

Boiler 1 (HWNatDraft)																	
SUM		-0.5		1.4	LOAD	11	0	1	0	1	0	0	0	0	0	0	13
PEAK		-252.9		354.9	FUEL	4	6	2	0	0	1	0	0	0	0	0	13
MON/DAY		1/ 2		1/ 2													
Chiller 1 (ElecRecipHerm)																	
SUM	486.9		50853.4		LOAD1001	502	278	361	382	410	219	35	0	0	0	0	3188
PEAK	448.9		37.1		ELEC 441	636	415	278	361	402	444	199	12	0	0	0	3188
MON/DAY	6/20		6/20														
Open Tower																	
SUM	714.0		904.5		LOAD	0	0	0	0	3125	57	6	0	0	0	0	3188
PEAK	581.2		1.5		ELEC 482	392	336	388	172	51	6	0	0	0	0	0	1827
MON/DAY	6/20		6/20														
Domestic Water Heater																	
SUM		-44.8		67.0	LOAD2580		0	0	0	0	0	0	0	0	0	0	2580
PEAK		-19.9		28.0	FUEL8760		0	0	0	0	0	0	0	0	0	0	8760
MON/DAY		3/ 1		3/ 1													
CHW Loop Pump																	
SUM			1538.2		FLOW1040	541	496	454	452	178	27	0	0	0	0	0	3188
PEAK			1.1		RPM	0	0	0	0	979	2150	59	0	0	0	0	3188
MON/DAY			6/20		ELEC	0	1949	990	245	4	0	0	0	0	0	0	3188
HW Loop Pump																	
SUM			1130.6		FLOW	0	0	0	0	0	0	0	0	0	0	3188	3188
PEAK			0.4		RPM	0	0	0	0	0	0	0	0	0	0	3188	3188
MON/DAY			1/ 2		ELEC	0	0	0	0	0	0	0	0	0	0	3188	3188
CW Loop Pump																	
SUM			6937.0		FLOW	0	0	0	0	0	0	0	0	0	0	3188	3188
PEAK			2.2		RPM	0	0	0	0	0	0	0	0	0	0	3188	3188
MON/DAY			1/ 2		ELEC	0	0	0	0	0	0	0	0	0	0	3188	3188

SUM = Btu X 1,000,000
PEAK = Btu x 1,000

In the case of one chiller (this example), these loads will match the Circulation Loop loads on PS-D.

NOTE:

For more detailed reporting of this type of information, see the PS-H report (one report per piece of central plant equipment).

USAGE NOTE:

Use PEAK values and PART LOAD hours from this report to check the adequacy of plant equipment sizes. Compare PEAK sizes on this report (reported in KBTU) with equipment CAPACITY (etc.) from the PV-A report (often reported in MBTU).

In this example, the PV-A reports the chiller size = 0.570 MBTU (570 KBTU). PS-C reports chiller PEAK = 448.9 KBTU, hence, the peak load represents 79% (448.9/570.0) of the installed chiller size (agrees with the 70-80% part load range as the highest load range).

**** Important Report ****

One PS-D report only (this is a building level report — may be multiple pages depending on number of circulation loops)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-D** Circulation Loop Loads

WEATHER FILE- CZ06RV2 WYEC2

		COIL LOAD	PIPE GAIN	NET LOAD	OVERLOAD	Number of hours within each PART LOAD range												TOTAL	
SUM		(MBTU)	(MBTU)	(MBTU)	(MBTU)	00	10	20	30	40	50	60	70	80	90	100	RUN		
MON	PEAK	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	10	20	30	40	50	60	70	80	90	100	+	HOURS		

If all cooling coils in the building were CHW coils, these coil loads would match those reported on SS-D. In this example, CHW coils serve the first two floors, DX coils serve the third (top) floor.

Compare these loads (CHW loop loads) with those reported on PS-C (central plant equipment loads). In this case, since there is only one chiller, these loads agree with those reported on LS-C.

**** Important Report ****

Two PS-E reports (one Electric, one Fuel, this is a building level report — two-page report — page 1 of 2)

3-Story Office Bldg

NOTE: see comments on page 2 of 2 (next page).

DOE-B2.2NT38

4/07/2001

10:36:50

BDL RUN 2

REPORT- **PS-E** Energy End-Use Summary **for all Electric Meters**

WEATHER FILE- CZ06RV2 WYEC2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
KWH	5834.	1149.	12078.	301.	2876.	8.	826.	2148.	0.	7.	0.	0.	25228.
MAX KW	37.8	5.6	42.6	21.6	35.9	0.4	3.1	10.4	0.0	3.4	0.0	0.0	118.6
DAY/HR	24/17	2/ 9	2/ 9	2/ 9	11/13	18/13	11/13	12/16	0/ 0	8/ 8	0/ 0	0/ 0	11/16
PEAK ENDUSE	23.8	5.6	42.6	0.0	33.0	0.3	3.0	10.3	0.0	0.0	0.0	0.0	
PEAK PCT	20.1	4.7	35.9	0.0	27.8	0.2	2.6	8.7	0.0	0.0	0.0	0.0	
FEB													
KWH	4595.	998.	10596.	139.	3062.	13.	725.	1940.	0.	0.	0.	0.	22069.
MAX KW	31.7	5.6	42.6	3.3	35.6	0.5	3.1	10.5	0.0	0.0	0.0	0.0	119.2
DAY/HR	8/17	1/ 9	1/ 9	3/ 9	13/16	16/13	16/13	13/16	0/ 0	8/ 8	0/ 0	0/ 0	13/16
PEAK ENDUSE	21.6	5.6	42.6	0.0	35.6	0.3	3.1	10.5	0.0	0.0	0.0	0.0	
PEAK PCT	18.1	4.7	35.7	0.0	29.9	0.3	2.6	8.8	0.0	0.0	0.0	0.0	
MAR													
KWH	4965.	1159.	12381.	152.	3523.	16.	848.	2264.	0.	0.	0.	0.	25308.
MAX KW	22.4	5.6	42.6	4.1	38.8	0.5	3.1	9.8	0.0	0.0	0.0	0.0	117.3
DAY/HR	14/17	1/ 9	1/ 9	26/11	16/13	16/13	16/13	6/16	0/ 0	8/ 8	0/ 0	0/ 0	15/16
PEAK ENDUSE	19.0	5.6	42.6	0.0	36.9	0.4	3.1	9.7	0.0	0.0	0.0	0.0	
PEAK PCT	16.2	4.8	36.3	0.0	31.5	0.4	2.6	8.3	0.0	0.0	0.0	0.0	
APR													
KWH	4427.	1099.	11584.	121.	3740.	19.	774.	2200.	0.	0.	0.	0.	23963.
MAX KW	21.0	5.6	42.6	3.4	43.3	0.5	3.2	10.8	0.0	0.0	0.0	0.0	125.0
DAY/HR	2/ 9	2/ 9	2/ 9	30/11	4/17	23/12	4/17	4/17	0/ 0	8/ 8	0/ 0	0/ 0	4/17
PEAK ENDUSE	19.2	5.6	42.6	0.0	43.3	0.4	3.2	10.8	0.0	0.0	0.0	0.0	
PEAK PCT	15.3	4.5	34.0	0.0	34.6	0.3	2.5	8.6	0.0	0.0	0.0	0.0	
MAY													
KWH	4469.	1149.	12078.	107.	6203.	62.	819.	2387.	0.	0.	0.	0.	27275.
MAX KW	18.7	5.6	42.6	2.9	48.8	0.8	3.3	10.4	0.0	0.0	0.0	0.0	127.5
DAY/HR	9/ 9	1/ 9	1/ 9	23/ 8	31/14	31/14	31/14	30/17	0/ 0	8/ 8	0/ 0	0/ 0	31/14
PEAK ENDUSE	16.3	5.6	42.6	0.0	48.8	0.8	3.3	10.2	0.0	0.0	0.0	0.0	
PEAK PCT	12.7	4.4	33.4	0.0	38.2	0.7	2.6	8.0	0.0	0.0	0.0	0.0	
JUN													
KWH	4352.	1108.	11887.	77.	8974.	139.	843.	2478.	0.	0.	0.	0.	29859.
MAX KW	18.3	5.6	42.6	3.3	64.2	1.5	3.6	11.1	0.0	0.0	0.0	0.0	144.6
DAY/HR	1/ 9	1/ 9	1/ 9	15/ 8	20/14	20/14	20/14	21/17	0/ 0	8/ 8	0/ 0	0/ 0	20/14
PEAK ENDUSE	16.3	5.6	42.6	0.0	64.2	1.5	3.6	10.8	0.0	0.0	0.0	0.0	
PEAK PCT	11.2	3.9	29.4	0.0	44.4	1.1	2.5	7.5	0.0	0.0	0.0	0.0	
JUL													
KWH	4267.	1099.	11584.	62.	10149.	163.	833.	2491.	0.	0.	0.	0.	30647.
MAX KW	18.5	5.6	42.6	3.0	58.8	1.2	3.5	11.5	0.0	0.0	0.0	0.0	140.7
DAY/HR	17/ 9	2/ 9	2/ 9	26/ 8	10/17	10/11	11/10	10/17	0/ 0	8/ 8	0/ 0	0/ 0	10/17
PEAK ENDUSE	17.8	5.6	42.6	0.0	58.8	1.0	3.4	11.5	0.0	0.0	0.0	0.0	
PEAK PCT	12.7	4.0	30.3	0.0	41.8	0.7	2.4	8.2	0.0	0.0	0.0	0.0	
AUG													
KWH	4745.	1200.	12572.	65.	11397.	181.	905.	2756.	0.	0.	0.	0.	33820.
MAX KW	19.4	5.6	42.6	2.9	56.9	1.0	3.4	12.1	0.0	0.0	0.0	0.0	138.6
DAY/HR	31/ 9	1/ 9	1/ 9	27/ 8	7/10	9/11	7/10	6/ 9	0/ 0	8/ 8	0/ 0	0/ 0	7/10
PEAK ENDUSE	17.5	5.6	42.6	0.0	56.9	1.0	3.4	11.6	0.0	0.0	0.0	0.0	
PEAK PCT	12.6	4.1	30.7	0.0	41.1	0.7	2.4	8.3	0.0	0.0	0.0	0.0	

Two PS-E reports (one Electric, one Fuel, this is a building level report — two-page report — page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-E** Energy End-Use Summary for all Electric Meters

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

SEP													
KWH	4228.	1007.	10899.	64.	9288.	151.	787.	2320.	0.	0.	0.	0.	28743.
MAX KW	21.2	5.6	42.6	3.3	62.9	1.5	3.6	11.6	0.0	0.0	0.0	0.0	145.9
DAY/HR	26/ 9	4/ 9	4/ 9	26/ 8	7/17	24/12	7/17	7/17	0/ 0	8/ 8	0/ 0	0/ 0	7/17
PEAK ENDUSE	18.3	5.6	42.6	0.0	62.9	1.3	3.6	11.6	0.0	0.0	0.0	0.0	
PEAK PCT	12.6	3.8	29.2	0.0	43.1	0.9	2.4	8.0	0.0	0.0	0.0	0.0	
OCT													
KWH	5021.	1149.	12078.	101.	7854.	104.	841.	2443.	0.	0.	0.	0.	29591.
MAX KW	28.1	5.6	42.6	3.4	62.1	1.4	3.6	11.4	0.0	0.0	0.0	0.0	142.4
DAY/HR	31/17	1/ 9	1/ 9	16/ 8	1/14	1/14	1/14	3/16	0/ 0	8/ 8	0/ 0	0/ 0	1/14
PEAK ENDUSE	16.3	5.6	42.6	0.0	62.1	1.4	3.6	10.9	0.0	0.0	0.0	0.0	
PEAK PCT	11.4	3.9	29.9	0.0	43.6	1.0	2.5	7.6	0.0	0.0	0.0	0.0	
NOV													
KWH	5174.	1048.	11090.	145.	4846.	41.	762.	2099.	0.	0.	0.	0.	25205.
MAX KW	39.8	5.6	42.6	4.1	42.9	0.6	3.2	10.8	0.0	0.0	0.0	0.0	137.7
DAY/HR	16/17	1/ 9	1/ 9	13/11	29/15	27/13	27/13	29/15	0/ 0	8/ 8	0/ 0	0/ 0	29/17
PEAK ENDUSE	36.3	5.6	42.6	0.0	39.2	0.4	3.1	10.5	0.0	0.0	0.0	0.0	
PEAK PCT	26.4	4.1	30.9	0.0	28.5	0.3	2.3	7.6	0.0	0.0	0.0	0.0	
DEC													
KWH	5586.	1058.	11393.	260.	2770.	7.	803.	2043.	0.	0.	0.	0.	23920.
MAX KW	40.6	5.6	42.6	8.2	39.4	0.4	3.1	10.7	0.0	0.0	0.0	0.0	131.7
DAY/HR	3/17	3/ 9	3/ 9	31/ 9	19/15	19/15	20/14	20/16	0/ 0	8/ 8	0/ 0	0/ 0	19/17
PEAK ENDUSE	35.9	5.6	42.6	0.0	34.3	0.2	3.1	10.1	0.0	0.0	0.0	0.0	
PEAK PCT	27.3	4.3	32.3	0.0	26.0	0.2	2.3	7.6	0.0	0.0	0.0	0.0	
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
KWH	57663.	13224.	148219.	1594.	74682.	905.	9765.	27568.	0.	7.	0.	0.	325626.
MAX KW	40.6	5.6	42.6	21.6	64.2	1.5	3.6	12.1	0.0	3.4	0.0	0.0	145.9
MON/DY	12/ 3	1/ 2	1/ 2	1/ 2	6/20	6/20	6/20	8/ 6	0/ 0	1/ 8	0/ 0	0/ 0	9/ 7
PEAK ENDUSE	18.3	5.6	42.6	0.0	62.9	1.3	3.6	11.6	0.0	0.0	0.0	0.0	
PEAK PCT	12.6	3.8	29.2	0.0	43.1	0.9	2.4	8.0	0.0	0.0	0.0	0.0	

PEAK ENDUSE is the kW for each end use that is coincident with the building peak for each month.

DAY/HR is the time of the non-coincident maximum kW for each end use.

MAX KW is non-coincident kW, i.e., what is the maximum kW for each end use (each end use considered independently)?

These are coincident peak kW's for each end use. These sum (across) to the building TOTAL.

PEAK PCT is the percentage coincident contribution each end use makes to the building peak for each month.

**** Important Report ****

Two PS-E reports (one Electric, one Fuel, this is a building level report — two-page report — page 1 of 2)

3-Story Office Bldg

NOTE: see comments on the previous page.

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-E** Energy End-Use Summary **for all Fuel Meters**

WEATHER FILE- CZ06RV2 WYEC2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
MBTU	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	6.	0.	7.
MAX MBTU/HR	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	17/ 9	0/ 0	2/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	92.8	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	
FEB													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	2/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
MAR													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	0.	6.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 9	0/ 0	1/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
APR													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	11/ 9	0/ 0	11/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
MAY													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	0.	6.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	7/ 9	0/ 0	7/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
JUN													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	5/ 9	0/ 0	5/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
JUL													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	2/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
AUG													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	22/ 9	0/ 0	22/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	

Two PS-E reports (one Electric, one Fuel, this is a building level report — two-page report — page 2 of 2)

3-Story Office Bldg

NOTE: see comments on page 2 of 2 on the previous report.

DOE-B2.2NT38

4/07/2001

10:36:50

BDL RUN 2

REPORT- **PS-E** Energy End-Use Summary **for all Fuel Meters**

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

SEP													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	26/ 9	0/ 0	26/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
OCT													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	15/ 9	0/ 0	15/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
NOV													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	16/16	0/ 0	16/16
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
DEC													
MBTU	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	5.
MAX MBTU/HR	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
DAY/HR	0/ 0	0/ 0	0/ 0	31/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	24/ 9	0/ 0	31/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEAK PCT	0.0	0.0	0.0	75.4	0.0	0.0	0.0	0.0	0.0	0.0	24.6	0.0	
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MBTU	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	63.	0.	64.
MAX MBTU/HR	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
MON/DY	0/ 0	0/ 0	0/ 0	1/ 2	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	3/ 1	0/ 0	1/ 2
PEAK ENDUSE	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEAK PCT	0.0	0.0	0.0	92.8	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	

**** Important Report ****

One PS-F report per METER (two-page report — page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-F** Energy End-Use Summary for EMI (Elec #1 the default)

WEATHER FILE- CZ06RV2 WYEC2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
KWH	5834.	1149.	12078.	301.	2876.	8.	826.	2148.	0.	7.	0.	0.	25228.
MAX KW	37.8	5.6	42.6	21.6	35.9	0.4	3.1	10.4	0.0	3.4	0.0	0.0	118.6
DAY/HR	24/17	2/ 9	2/ 9	2/ 9	11/13	18/13	11/13	12/16	0/ 0	8/ 8	0/ 0	0/ 0	11/16
PEAK ENDUSE	23.8	5.6	42.6	0.0	33.0	0.3	3.0	10.3	0.0	0.0	0.0	0.0	
PEAK PCT	20.1	4.7	35.9	0.0	27.8	0.2	2.6	8.7	0.0	0.0	0.0	0.0	
FEB													
KWH	4595.	998.	10596.	139.	3062.	13.	725.	1940.	0.	0.	0.	0.	22069.
MAX KW	31.7	5.6	42.6	3.3	35.6	0.5	3.1	10.5	0.0	0.0	0.0	0.0	119.2
DAY/HR	8/17	1/ 9	1/ 9	3/ 9	13/16	16/13	16/13	13/16	0/ 0	0/ 0	0/ 0	0/ 0	13/16
PEAK ENDUSE	21.6	5.6	42.6	0.0	35.6	0.3	3.1	10.5	0.0	0.0	0.0	0.0	
PEAK PCT	18.1	4.7	35.7	0.0	29.9	0.3	2.6	8.8	0.0	0.0	0.0	0.0	
MAR													
KWH	4965.	1159.	12381.	152.	3523.	16.	848.	2264.	0.	0.	0.	0.	25308.
MAX KW	22.4	5.6	42.6	4.1	38.8	0.5	3.1	9.8	0.0	0.0	0.0	0.0	117.3
DAY/HR	14/17	1/ 9	1/ 9	26/11	16/13	16/13	16/13	6/16	0/ 0	0/ 0	0/ 0	0/ 0	15/16
PEAK ENDUSE	19.0	5.6	42.6	0.0	36.9	0.4	3.1	9.7	0.0	0.0	0.0	0.0	
PEAK PCT	16.2	4.8	36.3	0.0	31.5	0.4	2.6	8.3	0.0	0.0	0.0	0.0	
APR													
KWH	4427.	1099.	11584.	121.	3740.	19.	774.	2200.	0.	0.	0.	0.	23963.
MAX KW	21.0	5.6	42.6	3.4	43.3	0.5	3.2	10.8	0.0	0.0	0.0	0.0	125.0
DAY/HR	2/ 9	2/ 9	2/ 9	30/11	4/17	23/12	4/17	4/17	0/ 0	0/ 0	0/ 0	0/ 0	4/17
PEAK ENDUSE	19.2	5.6	42.6	0.0	43.3	0.4	3.2	10.8	0.0	0.0	0.0	0.0	
PEAK PCT	15.3	4.5	34.0	0.0	34.6	0.3	2.5	8.6	0.0	0.0	0.0	0.0	
MAY													
KWH	4469.	1149.	12078.	107.	6203.	62.	819.	2387.	0.	0.	0.	0.	27275.
MAX KW	18.7	5.6	42.6	2.9	48.8	0.8	3.3	10.4	0.0	0.0	0.0	0.0	127.5
DAY/HR	9/ 9	1/ 9	1/ 9	23/ 8	31/14	31/14	31/14	30/17	0/ 0	0/ 0	0/ 0	0/ 0	31/14
PEAK ENDUSE	16.3	5.6	42.6	0.0	48.8	0.8	3.3	10.2	0.0	0.0	0.0	0.0	
PEAK PCT	12.7	4.4	33.4	0.0	38.2	0.7	2.6	8.0	0.0	0.0	0.0	0.0	
JUN													
KWH	4352.	1108.	11887.	77.	8974.	139.	843.	2478.	0.	0.	0.	0.	29859.
MAX KW	18.3	5.6	42.6	3.3	64.2	1.5	3.6	11.1	0.0	0.0	0.0	0.0	144.6
DAY/HR	1/ 9	1/ 9	1/ 9	15/ 8	20/14	20/14	20/14	21/17	0/ 0	0/ 0	0/ 0	0/ 0	20/14
PEAK ENDUSE	16.3	5.6	42.6	0.0	64.2	1.5	3.6	10.8	0.0	0.0	0.0	0.0	
PEAK PCT	11.2	3.9	29.4	0.0	44.4	1.1	2.5	7.5	0.0	0.0	0.0	0.0	
JUL													
KWH	4267.	1099.	11584.	62.	10149.	163.	833.	2491.	0.	0.	0.	0.	30647.
MAX KW	18.5	5.6	42.6	3.0	58.8	1.2	3.5	11.5	0.0	0.0	0.0	0.0	140.7
DAY/HR	17/ 9	2/ 9	2/ 9	26/ 8	10/17	10/11	11/10	10/17	0/ 0	0/ 0	0/ 0	0/ 0	10/17
PEAK ENDUSE	17.8	5.6	42.6	0.0	58.8	1.0	3.4	11.5	0.0	0.0	0.0	0.0	
PEAK PCT	12.7	4.0	30.3	0.0	41.8	0.7	2.4	8.2	0.0	0.0	0.0	0.0	
AUG													
KWH	4745.	1200.	12572.	65.	11397.	181.	905.	2756.	0.	0.	0.	0.	33820.
MAX KW	19.4	5.6	42.6	2.9	56.9	1.0	3.4	12.1	0.0	0.0	0.0	0.0	138.6
DAY/HR	31/ 9	1/ 9	1/ 9	27/ 8	7/10	9/11	7/10	6/ 9	0/ 0	0/ 0	0/ 0	0/ 0	7/10
PEAK ENDUSE	17.5	5.6	42.6	0.0	56.9	1.0	3.4	11.6	0.0	0.0	0.0	0.0	
PEAK PCT	12.6	4.1	30.7	0.0	41.1	0.7	2.4	8.3	0.0	0.0	0.0	0.0	

One PS-F report per METER (two-page report — page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-F** Energy End-Use Summary for EMI (Elec #1 the default)

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

SEP

KWH	4228.	1007.	10899.	64.	9288.	151.	787.	2320.	0.	0.	0.	0.	28743.
MAX KW	21.2	5.6	42.6	3.3	62.9	1.5	3.6	11.6	0.0	0.0	0.0	0.0	145.9
DAY/HR	26/ 9	4/ 9	4/ 9	26/ 8	7/17	24/12	7/17	7/17	0/ 0	0/ 0	0/ 0	0/ 0	7/17
PEAK ENDUSE	18.3	5.6	42.6	0.0	62.9	1.3	3.6	11.6	0.0	0.0	0.0	0.0	
PEAK PCT	12.6	3.8	29.2	0.0	43.1	0.9	2.4	8.0	0.0	0.0	0.0	0.0	

OCT

KWH	5021.	1149.	12078.	101.	7854.	104.	841.	2443.	0.	0.	0.	0.	29591.
MAX KW	28.1	5.6	42.6	3.4	62.1	1.4	3.6	11.4	0.0	0.0	0.0	0.0	142.4
DAY/HR	31/17	1/ 9	1/ 9	16/ 8	1/14	1/14	1/14	3/16	0/ 0	0/ 0	0/ 0	0/ 0	1/14
PEAK ENDUSE	16.3	5.6	42.6	0.0	62.1	1.4	3.6	10.9	0.0	0.0	0.0	0.0	
PEAK PCT	11.4	3.9	29.9	0.0	43.6	1.0	2.5	7.6	0.0	0.0	0.0	0.0	

NOV

KWH	5174.	1048.	11090.	145.	4846.	41.	762.	2099.	0.	0.	0.	0.	25205.
MAX KW	39.8	5.6	42.6	4.1	42.9	0.6	3.2	10.8	0.0	0.0	0.0	0.0	137.7
DAY/HR	16/17	1/ 9	1/ 9	13/11	29/15	27/13	27/13	29/15	0/ 0	0/ 0	0/ 0	0/ 0	29/17
PEAK ENDUSE	36.3	5.6	42.6	0.0	39.2	0.4	3.1	10.5	0.0	0.0	0.0	0.0	
PEAK PCT	26.4	4.1	30.9	0.0	28.5	0.3	2.3	7.6	0.0	0.0	0.0	0.0	

DEC

KWH	5586.	1058.	11393.	260.	2770.	7.	803.	2043.	0.	0.	0.	0.	23920.
MAX KW	40.6	5.6	42.6	8.2	39.4	0.4	3.1	10.7	0.0	0.0	0.0	0.0	131.7
DAY/HR	3/17	3/ 9	3/ 9	31/ 9	19/15	19/15	20/14	20/16	0/ 0	0/ 0	0/ 0	0/ 0	19/17
PEAK ENDUSE	35.9	5.6	42.6	0.0	34.3	0.2	3.1	10.1	0.0	0.0	0.0	0.0	
PEAK PCT	27.3	4.3	32.3	0.0	26.0	0.2	2.3	7.6	0.0	0.0	0.0	0.0	

KWH	57663.	13224.	140219.	1594.	74682.	905.	9765.	27568.	0.	7.	0.	0.	325626.
MAX KW	40.6	5.6	42.6	21.6	64.2	1.5	3.6	12.1	0.0	3.4	0.0	0.0	145.9
MON/DY	12/ 3	1/ 2	1/ 2	1/ 2	6/20	6/20	6/20	8/ 6	0/ 0	1/ 8	0/ 0	0/ 0	9/ 7
PEAK ENDUSE	18.3	5.6	42.6	0.0	62.9	1.3	3.6	11.6	0.0	0.0	0.0	0.0	
PEAK PCT	12.6	3.8	29.2	0.0	43.1	0.9	2.4	8.0	0.0	0.0	0.0	0.0	

YEARLY TRANSFORMER LOSSES = 0.0 KWH

IMPORTANT NOTE:

One PS-F report is printed per meter. Since most users allow the meters to default (one master meter per fuel type, e.g., electric and gas), the PS-F reports are normally identical to the PS-E reports (PS-E reports print one report for all electric use, and one for all gas use.)

**** Important Report ****

One PS-F report per METER (two-page report — page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-F** Energy End-Use Summary for FM1 (Fuel Meter #1 the default)

WEATHER FILE- CZ06RV2 WYEC2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
JAN													
THERM	0.	0.	0.	12.	0.	0.	0.	0.	0.	0.	56.	0.	69.
MAX THERM/HR	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	3.8
DAY/HR	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	17/ 9	0/ 0	2/ 9
PEAK ENDUSE	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	92.8	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	
FEB													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	50.	0.	50.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	2/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
MAR													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	58.	0.	58.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	1/ 9	0/ 0	1/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
APR													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	54.	0.	54.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	11/ 9	0/ 0	11/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
MAY													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	55.	0.	55.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	7/ 9	0/ 0	7/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
JUN													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	52.	0.	52.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	5/ 9	0/ 0	5/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
JUL													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	50.	0.	50.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	2/ 9	0/ 0	2/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
AUG													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	54.	0.	54.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	22/ 9	0/ 0	22/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	

One PS-F report per METER (two-page report — page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-F** Energy End-Use Summary for FM1 (Fuel Meter #1 the default)

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

SEP													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	45.	0.	45.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	26/ 9	0/ 0	26/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
OCT													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	53.	0.	53.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	15/ 9	0/ 0	15/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
NOV													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	49.	0.	49.
MAX THERM/HR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	16/16	0/ 0	16/16
PEAK ENDUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
DEC													
THERM	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	51.	0.	52.
MAX THERM/HR	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.1
DAY/HR	0/ 0	0/ 0	0/ 0	31/ 9	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	24/ 9	0/ 0	31/ 9
PEAK ENDUSE	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	75.4	0.0	0.0	0.0	0.0	0.0	0.0	24.6	0.0	
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
THERM	0.	0.	0.	14.	0.	0.	0.	0.	0.	0.	628.	0.	642.
MAX THERM/HR	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	3.8
MON/DY	0/ 0	0/ 0	0/ 0	1/ 2	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	0/ 0	3/ 1	0/ 0	1/ 2
PEAK ENDUSE	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
PEAK PCT	0.0	0.0	0.0	92.8	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	

IMPORTANT NOTE:

One PS-F report is printed per meter. Since most users allow the meters to default (one master meter per fuel type, e.g., electric and gas), the PS-F reports are normally identical to the PS-E reports (PS-E reports print one report for all electric use, and one for all gas use.)

**** Important Report ****

One BEPS report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **BEPS** Building Energy Performance

WEATHER FILE- CZ06RV2 WYEC2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY MBTU	196.8	45.1	478.6	5.4	254.9	3.1	33.3	94.1	0.0	0.0	0.0	0.0	1111.4
FM1 NATURAL-GAS MBTU	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	62.8	0.0	64.2
MBTU	196.8	45.1	478.6	6.8	254.9	3.1	33.3	94.1	0.0	0.0	62.8	0.0	1175.5

These results, by end-use,
are reported in more detail
on the ES-E report.

To investigate any hours
reported here, examine
PS-D, PS-C, and PS-H to
isolate the circulation
loop, plant equipment,
time of year, and time of
day the control problems
occur.

TOTAL SITE ENERGY	1175.54 MBTU	30.1 KBTU/SQFT-YR GROSS-AREA	30.1 KBTU/SQFT-YR NET-AREA
TOTAL SOURCE ENERGY	3398.25 MBTU	87.1 KBTU/SQFT-YR GROSS-AREA	87.1 KBTU/SQFT-YR NET-AREA
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE	= 4.1		
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED	= 0.0		

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

NOTE:

The denominator used for this % calculation
is always 8760.

To investigate any hours reported here,
examine SS-R, then SS-F, and SS-O to
isolate the system, zone, time of year, and
time of day the control problems occur.

NOTE:

The BEPS report provides that same results found
on the BEPU report. The only difference is the
reporting units: the BEPS report uses MBTU (Btu
x 1,000,000) while BEPU uses conventional utility
units (e.g., kWh, therms).

**** Important Report ****

One BEPU report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **BEPU** Building Utility Performance

WEATHER FILE- CZ06RV2 WYEC2

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	57663.	13224.	140219.	1594.	74682.	905.	9765.	27568.	0.	7.	0.	0.	325626.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	14.	0.	0.	0.	0.	0.	0.	628.	0.	642.

These results, by end-use, are reported in more detail on the ES-F report.

TOTAL ELECTRICITY	325626. KWH	8.349 KWH /SQFT-YR	GROSS-AREA	8.349 KWH /SQFT-YR	NET-AREA
TOTAL NATURAL-GAS	642. THERM	0.016 THERM /SQFT-YR	GROSS-AREA	0.016 THERM /SQFT-YR	NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 4.1
 PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.0

NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.

The denominator used for this % calculation is always 8760.

To investigate any hours reported here, examine SS-R, then SS-F, and SS-O to isolate the system, zone, time of year, and time of day the control problems occur.

The denominator used for this % calculation is always 8760.

To investigate any hours reported here, examine PS-D, PS-C, and PS-H to isolate the circulation loop, plant equipment, time of year, and time of day the control problems occur.

NOTE:

The BEPU report provides that same results found on the BEPS report. The only difference is the reporting units: BEPU uses conventional utility units (e.g., kWh, therms), while the BEPS report uses MBTU (Btux1,000,000).

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (1 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Chilled Water Loop

WEATHER FILE- CZ06RV2 WYEC2

		HEATING CAPACITY (MBTU/HR)	COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)						
		0.000	0.570	112.4	56.6	0.0	0.00	0.0	0.00	168.7	1.00						
MON	SUM	COIL LOAD (MBTU)	PIPE GAIN (MBTU)	NET LOAD (MBTU)	OVERLOAD (MBTU)	-----		Number of hours within each		PART LOAD range		-----		TOTAL			
	PEAK	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	00	10	20	30	40	50	60	70	80	90	100	RUN
						10	20	30	40	50	60	70	80	90	100	+	HOURS
JAN	SUM	16.288	0.000	16.523	0.000	COOL	157	61	34	21	1	0	0	0	0	0	274
	PEAK	239.922	0.000	241.213	0.000	FLOW	160	62	47	5	0	0	0	0	0	0	274
	DAY/HR	11/13	0/ 0	11/13	0/ 0												
FEB	SUM	18.729	0.000	18.942	0.000	COOL	103	65	43	28	2	0	0	0	0	0	241
	PEAK	241.127	0.000	242.548	0.000	FLOW	111	71	50	9	0	0	0	0	0	0	241
	DAY/HR	16/13	0/ 0	16/13	0/ 0												
MAR	SUM	20.816	0.000	21.060	0.000	COOL	138	62	40	36	6	0	0	0	0	0	282
	PEAK	253.296	0.000	254.649	0.000	FLOW	142	69	54	17	0	0	0	0	0	0	282
	DAY/HR	16/13	0/ 0	16/13	0/ 0												
APR	SUM	21.895	0.000	22.133	0.000	COOL	125	54	32	33	19	0	0	0	0	0	263
	PEAK	280.477	0.000	281.863	0.000	FLOW	139	57	42	25	0	0	0	0	0	0	263
	DAY/HR	4/17	0/ 0	4/17	0/ 0												
MAY	SUM	38.682	0.000	38.972	0.000	COOL	88	28	26	58	51	23	0	0	0	0	274
	PEAK	329.823	0.000	331.804	0.000	FLOW	89	41	63	60	21	0	0	0	0	0	274
	DAY/HR	31/14	0/ 0	31/14	0/ 0												
JUN	SUM	60.384	0.000	60.779	0.000	COOL	39	31	12	24	64	59	29	13	0	0	271
	PEAK	446.007	0.000	448.920	0.000	FLOW	41	34	26	67	67	23	13	0	0	0	271
	DAY/HR	20/14	0/ 0	20/14	0/ 0												
JUL	SUM	67.930	0.000	68.356	0.000	COOL	21	30	8	15	33	91	64	1	0	0	263
	PEAK	403.450	0.000	406.021	0.000	FLOW	19	34	19	38	98	55	0	0	0	0	263
	DAY/HR	11/10	0/ 0	11/10	0/ 0												
AUG	SUM	76.741	0.000	77.209	0.000	COOL	12	44	1	7	34	101	86	0	0	0	285
	PEAK	389.758	0.000	393.278	0.000	FLOW	10	46	5	41	135	48	0	0	0	0	285
	DAY/HR	7/10	0/ 0	7/10	0/ 0												
SEP	SUM	62.847	0.000	63.244	0.000	COOL	23	21	8	17	51	83	33	13	0	0	249
	PEAK	440.722	0.000	443.465	0.000	FLOW	20	24	22	56	83	36	8	0	0	0	249
	DAY/HR	7/17	0/ 0	7/17	0/ 0												
OCT	SUM	52.421	0.000	52.792	0.000	COOL	54	29	25	36	65	43	12	10	0	0	274
	PEAK	432.761	0.000	435.498	0.000	FLOW	52	36	49	67	48	16	6	0	0	0	274
	DAY/HR	1/14	0/ 0	1/14	0/ 0												
NOV	SUM	30.806	0.000	31.065	0.000	COOL	94	28	25	62	42	1	0	0	0	0	252
	PEAK	284.898	0.000	286.494	0.000	FLOW	93	28	73	58	0	0	0	0	0	0	252
	DAY/HR	2/16	0/ 0	2/16	0/ 0												
DEC	SUM	15.626	0.000	15.845	0.000	COOL	160	44	28	20	8	0	0	0	0	0	260
	PEAK	262.630	0.000	263.665	0.000	FLOW	164	39	46	11	0	0	0	0	0	0	260
	DAY/HR	19/15	0/ 0	19/15	0/ 0												

One PS-H report for each piece of PLANT EQUIPMENT (1 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Chilled Water Loop

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	483.165	0.000	486.920	0.000	COOL1014	497	282	357	376	401	224	37	0	0	0	3188
	PEAK	446.007	0.000	448.920	0.000	FLOW1040	541	496	454	452	178	27	0	0	0	0	3188
	MON/DAY	6/20	0/ 0	6/20	0/ 0												

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (2 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Hot Water Loop

WEATHER FILE- CZ06RV2 WYEC2

HEATING CAPACITY (MBTU/HR)		COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)							
-0.507		0.000	25.4	36.6	0.0	0.00	0.0	0.00	38.1	1.00							
		COIL LOAD (MBTU)	PIPE GAIN (MBTU)	NET LOAD (MBTU)	OVERLOAD (MBTU)	Number of hours within each						PART LOAD	range				TOTAL
MON	SUM	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	00	10	20	30	40	50	60	70	80	90	100	RUN
	PEAK					10	20	30	40	50	60	70	80	90	100	+	HOURS
JAN	SUM	-0.551	0.000	-0.532	0.000	HEAT	9	0	1	0	1	0	0	0	0	0	11
	PEAK	-256.825	0.000	-252.888	0.000	FLOW	0	0	0	0	0	0	0	0	0	274	274
	DAY/HR	2/ 9	0/ 0	2/ 9	0/ 0												
FEB	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	241	241
	DAY/HR	5/ 9	0/ 0	0/ 0	0/ 0												
MAR	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	282	282
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
APR	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	263	263
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
MAY	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	274	274
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
JUN	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	271	271
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
JUL	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	263	263
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
AUG	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	285	285
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
SEP	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	249	249
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
OCT	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	274	274
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0												
NOV	SUM	0.000	0.000	0.000	0.000	HEAT	0	0	0	0	0	0	0	0	0	0	0
	PEAK	0.000	0.000	0.000	0.000	FLOW	0	0	0	0	0	0	0	0	0	252	252
	DAY/HR	13/ 9	0/ 0	0/ 0	0/ 0												
DEC	SUM	-0.020	0.000	-0.010	0.000	HEAT	2	0	0	0	0	0	0	0	0	0	2
	PEAK	-12.780	0.000	-8.584	0.000	FLOW	0	0	0	0	0	0	0	0	0	260	260
	DAY/HR	31/ 9	0/ 0	31/ 9	0/ 0												

One PS-H report for each piece of PLANT EQUIPMENT (2 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for Hot Water Loop

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	-0.571	0.000	-0.543	0.000	HEAT	11	0	1	0	1	0	0	0	0	0	0	13
	PEAK	-256.825	0.000	-252.888	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	3188	3188
	MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0													

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (3 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Condenser Water Loop

WEATHER FILE- CZ06RV2 WYEC2

HEATING CAPACITY (MBTU/HR)		COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)								
0.000		0.727	144.1	61.6	0.0	0.00	0.0	0.00	216.1	1.00								
		COIL LOAD (MBTU)	PIPE GAIN (MBTU)	NET LOAD (MBTU)	OVERLOAD (MBTU)	Number of hours within each						PART LOAD	range				TOTAL	
MON	SUM	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	00	10	20	30	40	50	60	70	80	90	100	+	RUN
	PEAK					10	20	30	40	50	60	70	80	90	100			HOURS
JAN	SUM	28.993	0.000	30.646	0.000	COOL	117	91	39	20	7	0	0	0	0	0	0	274
	PEAK	320.785	0.000	326.461	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	274	274
	DAY/HR	11/13	0/ 0	11/13	0/ 0													
FEB	SUM	30.648	0.000	32.098	0.000	COOL	84	58	60	26	13	0	0	0	0	0	0	241
	PEAK	322.523	0.000	328.168	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	241	241
	DAY/HR	16/13	0/ 0	16/13	0/ 0													
MAR	SUM	34.635	0.000	36.330	0.000	COOL	110	71	53	34	14	0	0	0	0	0	0	282
	PEAK	337.604	0.000	343.465	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	282	282
	DAY/HR	16/13	0/ 0	16/13	0/ 0													
APR	SUM	35.334	0.000	36.916	0.000	COOL	80	84	41	26	31	1	0	0	0	0	0	263
	PEAK	371.258	0.000	377.027	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	263	263
	DAY/HR	4/17	0/ 0	4/17	0/ 0													
MAY	SUM	56.060	0.000	57.706	0.000	COOL	53	52	28	43	75	22	1	0	0	0	0	274
	PEAK	433.012	0.000	438.755	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	274	274
	DAY/HR	31/14	0/ 0	31/14	0/ 0													
JUN	SUM	82.649	0.000	84.278	0.000	COOL	10	45	26	18	56	62	39	15	0	0	0	271
	PEAK	575.665	0.000	581.229	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	271	271
	DAY/HR	20/14	0/ 0	20/14	0/ 0													
JUL	SUM	91.678	0.000	93.259	0.000	COOL	1	32	25	11	28	75	87	4	0	0	0	263
	PEAK	523.585	0.000	527.843	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	263	263
	DAY/HR	11/10	0/ 0	11/10	0/ 0													
AUG	SUM	103.378	0.000	105.092	0.000	COOL	0	25	30	6	22	96	105	1	0	0	0	285
	PEAK	508.031	0.000	512.778	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	285	285
	DAY/HR	7/10	0/ 0	7/10	0/ 0													
SEP	SUM	85.021	0.000	86.518	0.000	COOL	2	30	18	16	40	84	42	17	0	0	0	249
	PEAK	568.896	0.000	574.518	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	249	249
	DAY/HR	7/17	0/ 0	7/17	0/ 0													
OCT	SUM	72.910	0.000	74.561	0.000	COOL	23	46	31	37	54	57	15	11	0	0	0	274
	PEAK	559.400	0.000	564.615	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	274	274
	DAY/HR	1/14	0/ 0	1/14	0/ 0													
NOV	SUM	45.747	0.000	47.263	0.000	COOL	61	50	24	53	56	8	0	0	0	0	0	252
	PEAK	377.122	0.000	383.039	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	252	252
	DAY/HR	2/16	0/ 0	2/16	0/ 0													
DEC	SUM	27.785	0.000	29.350	0.000	COOL	117	80	29	20	14	0	0	0	0	0	0	260
	PEAK	348.714	0.000	354.533	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	260	260
	DAY/HR	19/15	0/ 0	19/15	0/ 0													

One PS-H report for each piece of PLANT EQUIPMENT (3 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Condenser Water Loop

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	694.838	0.000	714.020	0.000	COOL	658	664	404	310	410	405	289	48	0	0	0	3188
	PEAK	575.665	0.000	581.229	0.000	FLOW	0	0	0	0	0	0	0	0	0	0	3188	3188
	MON/DAY	6/20	0/ 0	6/20	0/ 0													

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (4 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Domestic Hot Water Loop

WEATHER FILE- CZ06RV2 WYEC2

HEATING CAPACITY (MBTU/HR)		COOLING CAPACITY (MBTU/HR)	LOOP FLOW (GAL/MIN)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)								
-0.020		0.000	0.5	0.0	0.0	0.00	0.0	0.00	0.8	1.00								
		COIL LOAD (MBTU)	PIPE GAIN (MBTU)	NET LOAD (MBTU)	OVERLOAD (MBTU)	----- Number of hours within each PART LOAD range -----						TOTAL						
MON	SUM	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	(KBTU/HR)	00	10	20	30	40	50	60	70	80	90	100	+	RUN HOURS
---	PEAK	---	---	---	---	10	20	30	40	50	60	70	80	90	100	---	---	---
JAN	SUM	-4.020	0.000	-4.020	0.000	HEAT	0	0	24	0	0	0	0	0	198	0	222	
	PEAK	-19.644	0.000	-19.644	0.000	FLOW	522	0	24	0	0	0	0	0	0	198	744	
	DAY/HR	2/ 9	0/ 0	2/ 9	0/ 0													
FEB	SUM	-3.537	0.000	-3.537	0.000	HEAT	0	0	24	0	0	0	0	0	171	0	195	
	PEAK	-19.907	0.000	-19.907	0.000	FLOW	477	0	24	0	0	0	0	0	0	171	672	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0													
MAR	SUM	-4.112	0.000	-4.112	0.000	HEAT	0	0	30	0	0	0	0	0	0	198	228	
	PEAK	-19.928	0.000	-19.928	0.000	FLOW	516	0	30	0	0	0	0	0	0	198	744	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0													
APR	SUM	-3.875	0.000	-3.875	0.000	HEAT	0	0	24	0	0	0	0	0	189	0	213	
	PEAK	-19.803	0.000	-19.803	0.000	FLOW	507	0	24	0	0	0	0	0	0	189	720	
	DAY/HR	2/ 9	0/ 0	2/ 9	0/ 0													
MAY	SUM	-3.950	0.000	-3.950	0.000	HEAT	0	0	24	0	0	0	0	0	198	0	222	
	PEAK	-19.301	0.000	-19.301	0.000	FLOW	522	0	24	0	0	0	0	0	0	198	744	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0													
JUN	SUM	-3.710	0.000	-3.710	0.000	HEAT	0	0	30	0	0	0	0	0	189	0	219	
	PEAK	-18.802	0.000	-18.802	0.000	FLOW	501	0	30	0	0	0	0	0	0	189	720	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0													
JUL	SUM	-3.594	0.000	-3.594	0.000	HEAT	0	0	24	0	0	0	0	0	189	0	213	
	PEAK	-18.368	0.000	-18.368	0.000	FLOW	531	0	24	0	0	0	0	0	0	189	744	
	DAY/HR	2/ 9	0/ 0	2/ 9	0/ 0													
AUG	SUM	-3.866	0.000	-3.866	0.000	HEAT	0	0	24	0	0	0	0	0	207	0	231	
	PEAK	-18.094	0.000	-18.094	0.000	FLOW	513	0	24	0	0	0	0	0	0	207	744	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0													
SEP	SUM	-3.241	0.000	-3.241	0.000	HEAT	0	0	30	0	0	0	0	0	171	0	201	
	PEAK	-18.071	0.000	-18.071	0.000	FLOW	519	0	30	0	0	0	0	0	0	171	720	
	DAY/HR	4/ 9	0/ 0	4/ 9	0/ 0													
OCT	SUM	-3.744	0.000	-3.744	0.000	HEAT	0	0	24	0	0	0	0	0	198	0	222	
	PEAK	-18.294	0.000	-18.294	0.000	FLOW	522	0	24	0	0	0	0	0	0	198	744	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0													
NOV	SUM	-3.494	0.000	-3.494	0.000	HEAT	0	0	24	0	0	0	0	0	180	0	204	
	PEAK	-18.716	0.000	-18.716	0.000	FLOW	516	0	24	0	0	0	0	0	0	180	720	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0													
DEC	SUM	-3.616	0.000	-3.616	0.000	HEAT	0	0	30	0	0	0	0	0	180	0	210	
	PEAK	-19.200	0.000	-19.200	0.000	FLOW	534	0	30	0	0	0	0	0	0	180	744	
	DAY/HR	3/ 9	0/ 0	3/ 9	0/ 0													

One PS-H report for each piece of PLANT EQUIPMENT (4 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Domestic Hot Water Loop

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	-44.759	0.000	-44.759	0.000	HEAT	0	0	312	0	0	0	0	0	0	2070	198	2580
	PEAK	-19.928	0.000	-19.928	0.000	FLOW	6180	0	312	0	0	0	0	0	0	0	2268	8760
	MON/DAY	3/ 1	0/ 0	3/ 1	0/ 0													

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (5 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for **Boiler 1 (HWNatDraft)**

WEATHER FILE- CZ06RV2 WYEC2

EQUIPMENT TYPE		ATTACHED TO				CAPACITY (MBTU/HR)	FLOW (GAL/MIN)			EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)							
HW-BOILER		Hot Water Loop				-0.507	25.4			0.000		1.250		0.000					
		HEAT LOAD (MBTU)	ELEC USE (KWH)	FUEL USE (MBTU)	AUX ENERGY (KWH)	Number of hours within each PART LOAD range												TOTAL	
MON	SUM	(KBTU/HR)	(KW)	(KBTU/HR)	(KW)	00	10	20	30	40	50	60	70	80	90	100	RUN		
---	PEAK					10	20	30	40	50	60	70	80	90	100	+	HOURS		
JAN	SUM	-0.532	0.000	1.202	0.000	LOAD	9	0	1	0	1	0	0	0	0	0	11		
	PEAK	-252.888	0.000	354.909	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	2/ 9	0/ 0	2/ 9	0/ 0	FUEL	4	4	2	0	0	1	0	0	0	0	11		
FEB	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
MAR	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
APR	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
MAY	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
JUN	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
JUL	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
AUG	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
SEP	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
OCT	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
NOV	SUM	0.000	0.000	0.000	0.000	LOAD	0	0	0	0	0	0	0	0	0	0	0		
	PEAK	0.000	0.000	0.000	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	0/ 0	0/ 0	0/ 0	0/ 0	FUEL	0	0	0	0	0	0	0	0	0	0	0		
DEC	SUM	-0.010	0.000	0.154	0.000	LOAD	2	0	0	0	0	0	0	0	0	0	2		
	PEAK	-8.584	0.000	82.782	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0		
	DAY/HR	31/ 9	0/ 0	31/ 9	0/ 0	FUEL	0	2	0	0	0	0	0	0	0	0	2		

One PS-H report for each piece of PLANT EQUIPMENT (5 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for Boiler 1 (HWNatDraft)

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	-0.543	0.000	1.357	0.000	LOAD	11	0	1	0	1	0	0	0	0	0	0	13
	PEAK	-252.888	0.000	0.355	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	1/ 2	0/ 0	1/ 2	0/ 0	FUEL	4	6	2	0	0	1	0	0	0	0	0	13

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (6 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Chiller 1 (ElecRecipHerm)

WEATHER FILE- CZ06RV2 WYEC2

EQUIPMENT TYPE		ATTACHED TO		CAPACITY (MBTU/HR)	FLOW (GAL/MIN)	EIR (FRAC)	AUXILIARY (KW)											
ELEC-HERM-REC		Chilled Water Loop Condenser Water Loop		0.570 0.721	113.9 144.1	0.265	0.000											
MON	SUM PEAK	COOL LOAD (MBTU) (KBTU/HR)	HEAT LOAD (MBTU) (KBTU/HR)	ELEC USE (KWH) (KW)	AUX ENERGY (KWH) (KW)	-----	00	10	20	30	40	50	60	70	80	90	100	TOTAL RUN HOURS
							10	20	30	40	50	60	70	80	90	100	+	
JAN	SUM	16.523	0.000	2309.795	0.000	LOAD	152	63	35	23	1	0	0	0	0	0	0	274
	PEAK	241.213	0.000	23.315	0.000	ELEC	82	86	50	32	23	1	0	0	0	0	0	274
	DAY/HR	11/13	0/ 0	11/13	0/ 0													
FEB	SUM	18.942	0.000	2429.475	0.000	LOAD	102	66	41	29	3	0	0	0	0	0	0	241
	PEAK	242.548	0.000	23.433	0.000	ELEC	56	56	56	40	28	5	0	0	0	0	0	241
	DAY/HR	16/13	0/ 0	16/13	0/ 0													
MAR	SUM	21.060	0.000	2735.042	0.000	LOAD	137	62	40	37	6	0	0	0	0	0	0	282
	PEAK	254.649	0.000	24.306	0.000	ELEC	74	72	54	37	38	7	0	0	0	0	0	282
	DAY/HR	16/13	0/ 0	16/13	0/ 0													
APR	SUM	22.133	0.000	2757.533	0.000	LOAD	125	54	32	33	19	0	0	0	0	0	0	263
	PEAK	281.863	0.000	26.193	0.000	ELEC	56	79	44	30	35	19	0	0	0	0	0	263
	DAY/HR	4/17	0/ 0	4/17	0/ 0													
MAY	SUM	38.972	0.000	4193.897	0.000	LOAD	88	28	24	56	55	23	0	0	0	0	0	274
	PEAK	331.804	0.000	29.654	0.000	ELEC	33	60	23	22	56	58	22	0	0	0	0	274
	DAY/HR	31/14	0/ 0	31/14	0/ 0													
JUN	SUM	60.779	0.000	5872.717	0.000	LOAD	38	32	11	25	64	61	27	13	0	0	0	271
	PEAK	448.920	0.000	37.136	0.000	ELEC	6	38	24	13	24	66	66	31	3	0	0	271
	DAY/HR	20/14	0/ 0	20/14	0/ 0													
JUL	SUM	68.356	0.000	6415.625	0.000	LOAD	21	30	8	14	34	93	62	1	0	0	0	263
	PEAK	406.021	0.000	34.446	0.000	ELEC	0	19	31	9	14	36	97	57	0	0	0	263
	DAY/HR	11/10	0/ 0	11/10	0/ 0													
AUG	SUM	77.209	0.000	7215.313	0.000	LOAD	12	43	2	7	34	103	84	0	0	0	0	285
	PEAK	393.278	0.000	33.623	0.000	ELEC	0	12	33	12	7	35	129	57	0	0	0	285
	DAY/HR	7/10	0/ 0	7/10	0/ 0													
SEP	SUM	63.244	0.000	5977.696	0.000	LOAD	22	22	8	17	51	84	33	12	0	0	0	249
	PEAK	443.465	0.000	36.751	0.000	ELEC	1	19	21	10	17	53	85	37	6	0	0	249
	DAY/HR	7/17	0/ 0	7/17	0/ 0													
OCT	SUM	52.792	0.000	5280.709	0.000	LOAD	51	30	26	36	64	45	13	9	0	0	0	274
	PEAK	435.498	0.000	36.303	0.000	ELEC	15	42	24	26	36	67	44	17	3	0	0	274
	DAY/HR	1/14	0/ 0	1/14	0/ 0													
NOV	SUM	31.065	0.000	3469.950	0.000	LOAD	93	28	24	63	43	1	0	0	0	0	0	252
	PEAK	286.494	0.000	26.554	0.000	ELEC	39	60	23	21	62	46	1	0	0	0	0	252
	DAY/HR	2/16	0/ 0	2/16	0/ 0													
DEC	SUM	15.845	0.000	2195.693	0.000	LOAD	160	44	27	21	8	0	0	0	0	0	0	260
	PEAK	263.665	0.000	24.919	0.000	ELEC	79	93	32	26	21	9	0	0	0	0	0	260
	DAY/HR	19/15	0/ 0	19/15	0/ 0													

One PS-H report for each piece of PLANT EQUIPMENT (6 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for Chiller 1 (ElecRecipHerm)

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	486.920	0.000	50853.445	0.000	LOAD1001	502	278	361	382	410	219	35	0	0	0	3188	
	PEAK	448.920	0.000	37.136	0.000	ELEC 441	636	415	278	361	402	444	199	12	0	0	3188	
	MON/DAY	6/20	0/ 0	6/20	0/ 0													

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (7 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

Open Tower

WEATHER FILE- CZ06RV2 WYEC2

EQUIPMENT TYPE		ATTACHED TO				CAPACITY (MBTU/HR)	FLOW (GAL/MIN)			NUMBER OF CELLS	FAN POWER PER CELL (KW)	SPRAY PWR PER CELL (KW)	AUXILIARY (KW)					
OPEN-TWR		Condenser Water Loop				0.727	145.3			1	2.237	0.000	0.000					
MON	SUM	HTREJ LOAD (MBTU)	ELEC USE (KWH)	AUX ENERGY (KWH)	AUX ENERGY (MBTU)	LOAD	00	10	20	30	40	50	60	70	80	90	100	TOTAL RUN HOURS
	PEAK	(KBTU/HR)	(KW)	(KW)	(KBTU/HR)		10	20	30										40	50	60	70	80	90	100	+
JAN	SUM	30.646	8.484	0.000	0.000	LOAD	0	0	0	0	274	0	0	0	0	0	0	274
	PEAK	326.461	0.401	0.000	0.000	ELEC	39	18	0	0	0	0	0	0	0	0	0	57
	DAY/HR	11/13	18/13	0/ 0	0/ 0													
FEB	SUM	32.098	13.037	0.000	0.000	LOAD	0	0	0	0	241	0	0	0	0	0	0	241
	PEAK	328.168	0.458	0.000	0.000	ELEC	63	24	1	0	0	0	0	0	0	0	0	88
	DAY/HR	16/13	16/13	0/ 0	0/ 0													
MAR	SUM	36.330	15.978	0.000	0.000	LOAD	0	0	0	0	282	0	0	0	0	0	0	282
	PEAK	343.465	0.490	0.000	0.000	ELEC	55	29	2	0	0	0	0	0	0	0	0	86
	DAY/HR	16/13	16/13	0/ 0	0/ 0													
APR	SUM	36.916	18.566	0.000	0.000	LOAD	0	0	0	0	263	0	0	0	0	0	0	263
	PEAK	377.027	0.514	0.000	0.000	ELEC	50	34	4	0	0	0	0	0	0	0	0	88
	DAY/HR	4/17	23/12	0/ 0	0/ 0													
MAY	SUM	57.706	62.402	0.000	0.000	LOAD	0	0	0	0	274	0	0	0	0	0	0	274
	PEAK	438.755	0.838	0.000	0.000	ELEC	41	70	36	21	0	0	0	0	0	0	0	168
	DAY/HR	31/14	31/14	0/ 0	0/ 0													
JUN	SUM	84.278	139.489	0.000	0.000	LOAD	0	0	0	0	250	18	3	0	0	0	0	271
	PEAK	581.229	1.550	0.000	0.000	ELEC	24	32	58	60	25	16	3	0	0	0	0	218
	DAY/HR	20/14	20/14	0/ 0	0/ 0													
JUL	SUM	93.259	162.900	0.000	0.000	LOAD	0	0	0	0	256	7	0	0	0	0	0	263
	PEAK	527.843	1.233	0.000	0.000	ELEC	33	14	43	89	54	5	0	0	0	0	0	238
	DAY/HR	11/10	10/11	0/ 0	0/ 0													
AUG	SUM	105.092	180.871	0.000	0.000	LOAD	0	0	0	0	285	0	0	0	0	0	0	285
	PEAK	512.778	1.034	0.000	0.000	ELEC	39	12	50	115	56	0	0	0	0	0	0	272
	DAY/HR	7/10	9/11	0/ 0	0/ 0													
SEP	SUM	86.518	150.823	0.000	0.000	LOAD	0	0	0	0	225	22	2	0	0	0	0	249
	PEAK	574.518	1.452	0.000	0.000	ELEC	16	31	58	70	26	20	2	0	0	0	0	223
	DAY/HR	7/17	24/12	0/ 0	0/ 0													
OCT	SUM	74.561	104.070	0.000	0.000	LOAD	0	0	0	0	263	10	1	0	0	0	0	274
	PEAK	564.615	1.449	0.000	0.000	ELEC	43	44	62	33	11	10	1	0	0	0	0	204
	DAY/HR	1/14	1/14	0/ 0	0/ 0													
NOV	SUM	47.263	40.609	0.000	0.000	LOAD	0	0	0	0	252	0	0	0	0	0	0	252
	PEAK	383.039	0.603	0.000	0.000	ELEC	38	72	22	0	0	0	0	0	0	0	0	132
	DAY/HR	2/16	27/13	0/ 0	0/ 0													
DEC	SUM	29.350	7.294	0.000	0.000	LOAD	0	0	0	0	260	0	0	0	0	0	0	260
	PEAK	354.533	0.359	0.000	0.000	ELEC	41	12	0	0	0	0	0	0	0	0	0	53
	DAY/HR	19/15	19/15	0/ 0	0/ 0													

One PS-H report for each piece of PLANT EQUIPMENT (7 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for

[Open Tower](#)

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	714.020	904.522	0.000	0.000	LOAD	0	0	0	0	3125	57	6	0	0	0	0	3188
	PEAK	581.229	1.550	0.000	0.000	ELEC	482	392	336	388	172	51	6	0	0	0	0	1827
	MON/DAY	6/20	6/20	0/ 0	0/ 0													

MAXIMUM TOWER SUPPLY TEMPERATURE WAS 90.0F ON 7/ 6 AT 17:00

**** Important Report ****

One PS-H report for each piece of PLANT EQUIPMENT (8 of 8) — two page report (page 1 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for **Domestic Water Heater**

WEATHER FILE- CZ06RV2 WYEC2

EQUIPMENT TYPE			ATTACHED TO			CAPACITY (MBTU/HR)	FLOW (GAL/MIN)			EIR (FRAC)	HIR (FRAC)	AUXILIARY (KW)	TANK (GAL)	TANK UA (BTU/HR-F)				
GAS DW-HEATER			Domestic Hot Water Loop			-0.206	5.3			0.000	1.370	0.000	154.6	6.44				
MON	SUM	HEAT LOAD (MBTU)	ELEC USE (KWH)	FUEL USE (MBTU)	AUX ENERGY (KWH)	Number of hours within each PART LOAD range												TOTAL
	PEAK	(KBTU/HR)	(KW)	(KBTU/HR)	(KW)	00	10	20	30	40	50	60	70	80	90	100	RUN	
						10	20	30	40	50	60	70	80	90	100	+	HOURS	
JAN	SUM	-4.020	0.000	6.024	0.000	LOAD	222	0	0	0	0	0	0	0	0	0	222	
	PEAK	-19.644	0.000	0.028	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	2/ 9	0/ 0	17/ 9	0/ 0	FUEL	744	0	0	0	0	0	0	0	0	0	744	
FEB	SUM	-3.537	0.000	5.308	0.000	LOAD	195	0	0	0	0	0	0	0	0	0	195	
	PEAK	-19.907	0.000	0.028	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	1/ 9	0/ 0	2/ 9	0/ 0	FUEL	672	0	0	0	0	0	0	0	0	0	672	
MAR	SUM	-4.112	0.000	6.146	0.000	LOAD	228	0	0	0	0	0	0	0	0	0	228	
	PEAK	-19.928	0.000	0.028	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	1/ 9	0/ 0	1/ 9	0/ 0	FUEL	744	0	0	0	0	0	0	0	0	0	744	
APR	SUM	-3.875	0.000	5.789	0.000	LOAD	213	0	0	0	0	0	0	0	0	0	213	
	PEAK	-19.803	0.000	0.028	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	2/ 9	0/ 0	11/ 9	0/ 0	FUEL	720	0	0	0	0	0	0	0	0	0	720	
MAY	SUM	-3.950	0.000	5.894	0.000	LOAD	222	0	0	0	0	0	0	0	0	0	222	
	PEAK	-19.301	0.000	0.027	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	1/ 9	0/ 0	7/ 9	0/ 0	FUEL	744	0	0	0	0	0	0	0	0	0	744	
JUN	SUM	-3.710	0.000	5.529	0.000	LOAD	219	0	0	0	0	0	0	0	0	0	219	
	PEAK	-18.802	0.000	0.026	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	1/ 9	0/ 0	5/ 9	0/ 0	FUEL	720	0	0	0	0	0	0	0	0	0	720	
JUL	SUM	-3.594	0.000	5.369	0.000	LOAD	213	0	0	0	0	0	0	0	0	0	213	
	PEAK	-18.368	0.000	0.026	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	2/ 9	0/ 0	2/ 9	0/ 0	FUEL	744	0	0	0	0	0	0	0	0	0	744	
AUG	SUM	-3.866	0.000	5.731	0.000	LOAD	231	0	0	0	0	0	0	0	0	0	231	
	PEAK	-18.094	0.000	0.025	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	1/ 9	0/ 0	22/ 9	0/ 0	FUEL	744	0	0	0	0	0	0	0	0	0	744	
SEP	SUM	-3.241	0.000	4.865	0.000	LOAD	201	0	0	0	0	0	0	0	0	0	201	
	PEAK	-18.071	0.000	0.025	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	4/ 9	0/ 0	26/ 9	0/ 0	FUEL	720	0	0	0	0	0	0	0	0	0	720	
OCT	SUM	-3.744	0.000	5.591	0.000	LOAD	222	0	0	0	0	0	0	0	0	0	222	
	PEAK	-18.294	0.000	0.026	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	1/ 9	0/ 0	15/ 9	0/ 0	FUEL	744	0	0	0	0	0	0	0	0	0	744	
NOV	SUM	-3.494	0.000	5.260	0.000	LOAD	204	0	0	0	0	0	0	0	0	0	204	
	PEAK	-18.716	0.000	0.026	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	1/ 9	0/ 0	16/16	0/ 0	FUEL	720	0	0	0	0	0	0	0	0	0	720	
DEC	SUM	-3.616	0.000	5.477	0.000	LOAD	210	0	0	0	0	0	0	0	0	0	210	
	PEAK	-19.200	0.000	0.027	0.000	ELEC	0	0	0	0	0	0	0	0	0	0	0	
	DAY/HR	3/ 9	0/ 0	24/ 9	0/ 0	FUEL	744	0	0	0	0	0	0	0	0	0	744	

One PS-H report for each piece of PLANT EQUIPMENT (8 of 8) — two page report (page 2 of 2)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **PS-H** Loads and Energy Usage for Domestic Water Heater

WEATHER FILE- CZ06RV2 WYEC2

----- (CONTINUED) -----

		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
YR	SUM	-44.759	0.000	66.982	0.000	LOAD2580	0	0	0	0	0	0	0	0	0	0	0	2580
	PEAK	-19.928	0.000	0.028	0.000	ELEC 0	0	0	0	0	0	0	0	0	0	0	0	0
	MON/DAY	3/ 1	0/ 0	3/ 1	0/ 0	FUEL8760	0	0	0	0	0	0	0	0	0	0	0	8760

**** Important Report ****

One EV-A report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **EV-A** Life-Cycle Costing Parameters

WEATHER FILE- CZ06RV2 WYEC2

LIFE-CYCLE COSTING PARAMETERS

DISCOUNT RATE (PERCENT)	LABOR INFLATION RATE (PERCENT)	MATERIALS INFLATION RATE (PERCENT)	PROJECT LIFE (YEARS)
-----	-----	-----	-----
10.0	0.0	0.0	25.0

BUILDING COMPONENT COST INPUT DATA (CURRENT DOLLARS)

COST NAME	NUMBER OF UNITS	UNIT NAME	LIFE (YEARS)	UNIT FIRST COST (\$)	UNIT INSTALL -ATION COST (\$)	UNIT ANNUAL MAINT COST (\$)	UNIT MINOR OVERHAUL COST (\$)	MINOR OVERHAUL INTERVAL (YEARS)	UNIT MAJOR OVERHAUL COST (\$)	MAJOR OVERHAUL INTERVAL (YEARS)
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NO BUILDING COMPONENT COSTS SPECIFIED

One ES-A report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-A** Annual Costs and Savings

WEATHER FILE- CZ06RV2 WYEC2

E N E R G Y (\$)				O P E R A T I O N S (\$)				TOTAL SAVINGS-	
	ENERGY COST	ENERGY COST	ENERGY COST	OPRNS COST	OPRNS COST -- THIS RUN			OPRNS COST	ENERGY PLUS
YEAR	BASELINE	THIS RUN	SAVINGS	BASELINE	PLANT	BUILDING	TOTAL	SAVINGS	OPRNS
1	0.	39291.	-39291.	0.	0.	0.	0.	0.	-39291.
2	0.	37505.	-37505.	0.	0.	0.	0.	0.	-37505.
3	0.	35800.	-35800.	0.	0.	0.	0.	0.	-35800.
4	0.	34173.	-34173.	0.	0.	0.	0.	0.	-34173.
5	0.	32620.	-32620.	0.	0.	0.	0.	0.	-32620.
6	0.	31137.	-31137.	0.	0.	0.	0.	0.	-31137.
7	0.	29722.	-29722.	0.	0.	0.	0.	0.	-29722.
8	0.	28371.	-28371.	0.	0.	0.	0.	0.	-28371.
9	0.	27081.	-27081.	0.	0.	0.	0.	0.	-27081.
10	0.	25850.	-25850.	0.	0.	0.	0.	0.	-25850.
11	0.	24675.	-24675.	0.	0.	0.	0.	0.	-24675.
12	0.	23554.	-23554.	0.	0.	0.	0.	0.	-23554.
13	0.	22483.	-22483.	0.	0.	0.	0.	0.	-22483.
14	0.	21461.	-21461.	0.	0.	0.	0.	0.	-21461.
15	0.	20485.	-20485.	0.	0.	0.	0.	0.	-20485.
16	0.	19554.	-19554.	0.	0.	0.	0.	0.	-19554.
17	0.	18665.	-18665.	0.	0.	0.	0.	0.	-18665.
18	0.	17817.	-17817.	0.	0.	0.	0.	0.	-17817.
19	0.	17007.	-17007.	0.	0.	0.	0.	0.	-17007.
20	0.	16234.	-16234.	0.	0.	0.	0.	0.	-16234.
21	0.	15496.	-15496.	0.	0.	0.	0.	0.	-15496.
22	0.	14792.	-14792.	0.	0.	0.	0.	0.	-14792.
23	0.	14119.	-14119.	0.	0.	0.	0.	0.	-14119.
24	0.	13478.	-13478.	0.	0.	0.	0.	0.	-13478.
25	0.	12865.	-12865.	0.	0.	0.	0.	0.	-12865.
TOTALS(\$)	0.	594236.	-594236.	0.	0.	0.	0.	0.	-594236.

One ES-B report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-B** Life-Cycle Non-Energy Costs

WEATHER FILE- CZ06RV2 WYEC2

LIFE-CYCLE BUILDING AND PLANT NON-ENERGY COSTS (\$)

COST NAME	FIRST COST (INCLUDING INSTALLATION)	REPLACEMENTS	OPERATIONS	TOTAL	INVESTMENT (FIRST COST PLUS REPLACEMENTS)
NO BUILDING COMPONENT COSTS SPECIFIED					

One ES-C report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-C** Life-Cycle Investment Savings

WEATHER FILE- CZ06RV2 WYEC2

ENERGY SAVINGS				
	ANNUAL ENERGY USE BASELINE (MBTU)	ANNUAL ENERGY USE THIS RUN (MBTU)	ANNUAL ENERGY SAVINGS (MBTU)	ANNUAL ENERGY SAVINGS (PERCENT)
AT SITE	0.00	1175.54	-1175.54	0.0
AT SOURCE	0.00	3398.25	-3398.25	0.0

INVESTMENT STATISTICS							
PROJECT LIFE, 25.0 YEARS							
INVESTMENT THIS RUN (\$)	BASELINE REPLACEMENT COSTS (\$)	INCREMENTAL INVESTMENT (\$)	COST SAVINGS (\$)	RATIO OF SAVINGS TO INCREMENTAL INVESTMENT (SIR)	DISCOUNTED PAYBACK PERIOD (YEARS)	RATIO OF LIFE CYCLE ENERGY SAVINGS (AT SITE) TO INCREMENTAL INVESTMENT (MBTU/\$)	RATIO OF LIFE-CYCLE ENERGY SAVINGS (AT SOURCE) TO INCREMENTAL INVESTMENT (MBTU/\$)
0.	0.	0.	-594236.	0.00	999.00	0.00	0.00

OVERALL LIFE-CYCLE COSTS (\$)					
	FIRST COST	OPRNS COST	REPLACEMENTS	ENERGY COST	T O T A L
BASELINE	0.	0.	0.	0.	0.
THIS RUN	0.	0.	0.	594236.	594236.
SAVINGS (\$)	0.	0.	0.	-594236.	-594236.
(PERCENT)	0.0	0.0	0.0	0.0	0.0

One ES-D report only (this is a building level report)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-D** Energy Cost Summary

WEATHER FILE- CZ06RV2 WYEC2

UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?
SCE GS-2 Elec Rate	ELECTRICITY	EM1	325626. KWH	38696.	0.1188	YES
SoCalGas GN-10 Gas Rate	NATURAL-GAS	FM1	642. THERM	595.	0.9276	YES
				=====		
				39291.		
				ENERGY COST/GROSS BLDG AREA:	1.01	
				ENERGY COST/NET BLDG AREA:	1.01	

This is the only place that
total annual utility cost is
reported.

Valuable QC
check

Valuable QC
check

**** Important Report ****

One ES-E report for each UTILITY RATE (two rates in this example)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-E** Summary of Utility-Rate: SCE GS-2 Elec Rate

WEATHER FILE- CZ06RV2 WYEC2

RESOURCE: ELECTRICITY DEMAND-WINDOW: 15 3413. BTU/KWH
 BILLING-DAY: 31 RATE-LIMITATION: 0.0000
 METERS: EM1
 POWER-FACTOR: 0.80 EXCESS-KVAR-FRAC: 0.75 EXCESS-KVAR-CHG: 0.0000

RATE-QUALIFICATIONS		BLOCK-CHARGES		DEMAND-RATCHETS		MIN-MON-RATCHETS	
MIN-ENERGY:	0.0	SCE GS-2 Facility Block					
MAX-ENERGY:	0.0	SCE GS-2 Time-Related Block					
MIN-DEMAND:	0.0	SCE GS-2 Energy Charge Block					
MAX-DEMAND:	0.0						
QUALIFY-RATE:	ALL YEAR						
USE-MIN-QUAL:	NO						

MONTH	METERED ENERGY KWH	BILLING ENERGY KWH	METERED DEMAND KW	BILLING DEMAND KW	ENERGY CHARGE (\$)	DEMAND CHARGE (\$)	ENERGY CST ADJ (\$)	TAXES (\$)	SURCHRG (\$)	FIXED CHARGE (\$)	MINIMUM CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	TOTAL CHARGE (\$)
JAN	25228	25228	118.7	118.7	1941	641	0	0	0	60	0	0.1047	2642
FEB	22069	22069	119.7	119.7	1698	646	0	0	0	60	0	0.1089	2404
MAR	25308	25308	117.7	117.7	1947	636	0	0	0	60	0	0.1044	2643
APR	23963	23963	125.7	125.7	1843	679	0	0	0	60	0	0.1078	2582
MAY	27275	27275	127.6	127.6	2098	689	0	0	0	60	0	0.1044	2848
JUN	29859	29859	145.1	145.1	2297	1796	0	0	0	60	0	0.1391	4153
JUL	30647	30647	141.2	141.2	2357	1857	0	0	0	60	0	0.1395	4274
AUG	33820	33820	139.3	139.3	2601	1831	0	0	0	60	0	0.1329	4493
SEP	28743	28743	145.9	145.9	2211	1919	0	0	0	60	0	0.1458	4190
OCT	29591	29591	143.0	143.0	2276	772	0	0	0	60	0	0.1050	3108
NOV	25205	25205	137.9	137.9	1939	745	0	0	0	60	0	0.1089	2744
DEC	23920	23920	132.2	132.2	1840	714	0	0	0	60	0	0.1093	2614
	=====	=====	=====		=====	=====	=====	=====	=====	=====		=====	=====
TOTAL	325626	325626	145.9		25047	12925	0	0	0	724		0.1188	38696

IMPORTANT NOTE:

Several other reports include monthly/annual kWh and therms, however, only the ES-E report reflects user-controlled monthly meter read dates, i.e., the monthly read dates do not have to be last day of each month, as is all other DOE-2 reports.

**** Important Report ****

One ES-F report for each UTILITY RATE (two rates in this example — may require more than one page, depending on the number of blocks in a rate)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-F** Block-Charges and Ratchets for SCE GS-2 Elec Rate

WEATHER FILE- CZ06RV2 WYEC2

RESOURCE: ELECTRICITY
ENERGY-UNITS: KWH
DEMAND-UNITS: KW
DEMAND-WINDOW: 15

BLOCK-CHARGES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR

SCE GS-2 Facility Block													
USE: YEARLY													
METERED ENERGY:	25228	22069	25308	23963	27275	29859	30647	33820	28743	29591	25205	23920	
BILLING ENERGY:	0	0	0	0	0	0	0	0	0	0	0	0	325626
METERED DEMAND:	118.7	119.7	117.7	125.7	127.6	145.1	141.2	139.3	145.9	143.0	137.9	132.2	
BILLING DEMAND:	118.7	119.7	117.7	125.7	127.6	145.1	141.2	139.3	145.9	143.0	137.9	132.2	
DEMAND CHGS(\$):	641	646	636	679	689	784	762	752	788	772	745	714	8608
SCE GS-2 Time-Related Block													
USE: SEASONAL													
METERED ENERGY:	0	0	0	0	0	28057	30647	33820	28743	0	0	0	
BILLING ENERGY:	0	0	0	0	0	0	0	0	0	0	0	0	120083
METERED DEMAND:	0.0	0.0	0.0	0.0	0.0	145.1	141.2	139.3	145.9	0.0	0.0	0.0	
BILLING DEMAND:	0.0	0.0	0.0	0.0	0.0	145.1	141.2	139.3	145.9	0.0	0.0	0.0	
PRORATE FACTOR:	0.0000	0.0000	0.0000	0.0000	0.0000	0.9000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	
DEMAND CHGS(\$):	0	0	0	0	0	1012	1094	1079	1131	0	0	0	4317
SCE GS-2 Energy Charge Block													
USE: YEARLY													
METERED ENERGY:	25228	22069	25308	23963	27275	29859	30647	33820	28743	29591	25205	23920	
BILLING ENERGY:	25228	22069	25308	23963	27275	29859	30647	33820	28743	29591	25205	23920	325626
METERED DEMAND:	118.7	119.7	117.7	125.7	127.6	145.1	141.2	139.3	145.9	143.0	137.9	132.2	
BILLING DEMAND:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ENERGY CHGS(\$):	1941	1698	1947	1843	2098	2297	2357	2601	2211	2276	1939	1840	25047
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL ENERGY:	25228	22069	25308	23963	27275	29859	30647	33820	28743	29591	25205	23920	325626
TOTAL CHARGES (\$):	2582	2344	2582	2522	2787	4093	4214	4433	4130	3048	2683	2554	37972

RATCHETS	TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

SCE GS-2 Ratchet 50	HIGHEST	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0

NOTE:

This report is especially helpful for QC checking time-of-use rates.

**** Important Report ****

One ES-E report for each UTILITY RATE (two rates in this example)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-E** Summary of Utility-Rate:

SoCalGas GN-10 Gas Rate

WEATHER FILE- CZ06RV2 WYEC2

RESOURCE: NATURAL-GAS DEMAND-WINDOW: 60 100000. BTU/THERM
BILLING-DAY: 31 RATE-LIMITATION: 0.0000
METERS: FM1

RATE-QUALIFICATIONS		BLOCK-CHARGES				DEMAND-RATCHETS				MIN-MON-RATCHETS			
MIN-ENERGY: 0.0		SoCalGas GN-10 Summer Block											
MAX-ENERGY: 0.0		SoCalGas GN-10 Winter Block											
MIN-DEMAND: 0.0													
MAX-DEMAND: 0.0													
QUALIFY-RATE: ALL YEAR													
USE-MIN-QUAL: NO													
MONTH	METERED ENERGY THERM	BILLING ENERGY THERM	METERED DEMAND THERM/HR	BILLING DEMAND THERM/HR	ENERGY CHARGE (\$)	DEMAND CHARGE (\$)	ENERGY CST ADJ (\$)	TAXES (\$)	SURCHRG (\$)	FIXED CHARGE (\$)	MINIMUM CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	TOTAL CHARGE (\$)
JAN	69	69	3.8	3.8	44	0	0	0	0	15	0	0.8703	60
FEB	50	50	0.3	0.3	32	0	0	0	0	14	0	0.9251	46
MAR	58	58	0.3	0.3	37	0	0	0	0	15	0	0.9119	53
APR	54	54	0.3	0.3	35	0	0	0	0	15	0	0.9192	50
MAY	55	55	0.3	0.3	36	0	0	0	0	15	0	0.9230	51
JUN	52	52	0.3	0.3	34	0	0	0	0	15	0	0.9314	48
JUL	50	50	0.3	0.3	33	0	0	0	0	15	0	0.9506	48
AUG	54	54	0.3	0.3	35	0	0	0	0	15	0	0.9293	50
SEP	45	45	0.3	0.3	29	0	0	0	0	15	0	0.9726	44
OCT	53	53	0.3	0.3	34	0	0	0	0	15	0	0.9382	49
NOV	49	49	0.3	0.3	32	0	0	0	0	15	0	0.9487	47
DEC	52	52	1.1	1.1	34	0	0	0	0	15	0	0.9389	49
	=====	=====	=====		=====	=====	=====	=====	=====	=====		=====	=====
TOTAL	642	642	3.8		415	0	0	0	0	180		0.9276	595

IMPORTANT NOTE:

Several other reports include monthly/annual kWh and therms, however, only the ES-E report reflects user-controlled monthly meter read dates, i.e., the monthly read dates do not have to be last day of each month, as is all other DOE-2 reports.

**** Important Report ****

One ES-F report for each UTILITY RATE (two rates in this example — may require more than one page, depending on the number of blocks in a rate)

3-Story Office Bldg

DOE-B2.2NT38 4/07/2001 10:36:50 BDL RUN 2

REPORT- **ES-F** Block-Charges and Ratchets for SoCalGas GN-10 Gas Rate

WEATHER FILE- CZ06RV2 WYEC2

RESOURCE: NATURAL-GAS
ENERGY-UNITS: THERM
DEMAND-UNITS: THERM/HR
DEMAND-WINDOW: 60

BLOCK-CHARGES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR

SoCalGas GN-10 Summer Block													
USE: SEASONAL													
METERED ENERGY:	0	0	0	54	55	52	50	54	45	53	49	0	
BILLING ENERGY:	0	0	0	54	55	52	50	54	45	53	49	0	414
METERED DEMAND:	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	
BILLING DEMAND:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ENERGY CHGS(\$):	0	0	0	35	36	34	33	35	29	34	32	0	268
SoCalGas GN-10 Winter Block													
USE: SEASONAL													
METERED ENERGY:	69	50	58	0	0	0	0	0	0	0	0	52	
BILLING ENERGY:	69	50	58	0	0	0	0	0	0	0	0	52	228
METERED DEMAND:	3.8	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	
BILLING DEMAND:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ENERGY CHGS(\$):	44	32	37	0	0	0	0	0	0	0	0	34	148
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL ENERGY:	69	50	58	54	55	52	50	54	45	53	49	52	642
TOTAL CHARGES (\$):	44	32	37	35	36	34	33	35	29	34	32	34	41

NOTE:

This report is especially helpful for QC checking time-of-use rates.

**** Important Report ****