APPENDIX B

DEFAULT INTERNAL LOAD VALUES AND SCHEDULES

SECTION B101 GENERAL

B101.1 Scope. The following default internal load values and schedules shall apply to Section C407.

SECTION B102 DEFAULT TABLES OF INTERNAL LOADS

B102.1 Default tables of internal loads. Default occupancy densities, receptacle power densities and service hot water consumption are included in Table B102.

SECTION B103 DEFAULT SCHEDULES

B103.1 Default schedules. Default schedules for occupancy, lighting, receptacles, HVAC, service hot water, and elevators are included in Tables B103(1) through B103(10).

	AND SERVICE HOT	WATER CONSUMPTION ^a	
BUILDING TYPE	OCCUPANCY DENSITY ^b ft ² /PERSON (Btu/h · ft ²)	RECEPTACLE POWER DENSITY ^c Watts/ft ² (Btu/h • ft ²)	SERVICE HOT WATER QUANTITIES ^d Btu/h PER PERSON
Assembly	50 (4.60)	0.25 (0.85)	215
Health/Institutional	200 (1.15)	1.00 (3.41)	135
Hotel/Motel	250 (0.92)	0.25 (0.85)	1,110
Light Manufacturing	750 (0.31)	0.20 (0.68)	225
Office	275 (0.84)	0.75 (2.56)	175
Parking Garage	NA	NA	NA
Restaurant	100 (2.30)	0.10 (0.34)	390
Retail	300 (0.77)	0.25 (0.85)	135
School	75 (3.07)	0.50 (1.71)	215
Warehouse	15,000 (0.02)	0.10 (0.34)	225

TABLE B102 ACCEPTABLE OCCUPANCY DENSITIES, RECEPTACLE POWER DENSITIES AND SERVICE HOT WATER CONSUMPTION^a

a. The occupancy densities, receptacle power densities, and service hot water consumption values are from ASHRAE Standard 90.1-1989 and addenda.

b. Values are in square feet of conditioned floor area per person. Heat generation in Btu per person per hour is 230 sensible and 190 latent. Figures in parenthesis are equivalent Btu per hour per square foot.

c. Values are in Watts per square foot of conditioned floor area. Figures in parenthesis are equivalent Btu per hour per square foot. These values are the minimum acceptable. If other process loads are not input (such as for computers, cooking, refrigeration, etc.), it is recommended that receptacle power densities be increased until total process energy consumption is equivalent to 25% of the total.

d. Values are in Btu per person per hour.

	HOUR OF DAY (Time)	00	HEDULE CCUPAN Percent c ximum L	CY of	L RE F	EDULE IGHTIN CEPTAC Percent c cimum L	G CLE of		IEDULE AC SYST		SERVIO	IEDULE CE HOT Percent c ximum L	WATER	E	IEDUL LEVA1 Percen kimum	t of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	0	0	0	5	5	5	Off	Off	Off	0	0	0	0	0	0
2	(1-2 am)	0	0	0	5	5	5	Off	Off	Off	0	0	0	0	0	0
3	(2-3 am)	0	0	0	5	5	5	Off	Off	Off	0	0	0	0	0	0
4	(3-4 am)	0	0	0	5	5	5	Off	Off	Off	0	0	0	0	0	0
5	(4-5 am)	0	0	0	5	5	5	Off	Off	Off	0	0	0	0	0	0
6	(5-6 am)	0	0	0	5	5	5	On	Off	Off	0	0	0	0	0	0
7	(6-7 am)	0	0	0	40	5	5	On	On	On	0	0	0	0	0	0
8	(7-8 am)	0	0	0	40	30	30	On	On	On	0	0	0	0	0	0
9	(8-9 am)	20	20	10	40	30	30	On	On	On	0	0	0	0	0	0
10	(9-10 am)	20	20	10	75	50	30	On	On	On	5	5	5	0	0	0
11	(10-11 am)	20	20	10	75	50	30	On	On	On	5	5	5	0	0	0
12	(11-12 pm)	80	60	10	75	50	30	On	On	On	35	20	10	0	0	0
13	(12-1 pm)	80	60	10	75	50	65	On	On	On	5	0	0	0	0	0
14	(1-2 pm)	80	60	70	75	50	65	On	On	On	5	0	0	0	0	0
15	(2-3 pm)	80	60	70	75	50	65	On	On	On	5	0	0	0	0	0
16	(3-4 pm)	80	60	70	75	50	65	On	On	On	5	0	0	0	0	0
17	(4-5 pm)	80	60	70	75	50	65	On	On	On	5	0	0	0	0	0
18	(5-6 pm)	80	60	70	75	50	65	On	On	On	0	0	0	0	0	0
19	(6-7 pm)	20	60	70	75	50	65	On	On	On	0	0	0	0	0	0
20	(7-8 pm)	20	60	70	75	50	65	On	On	On	0	65	65	0	0	0
21	(8-9 pm)	20	60	70	75	50	65	On	On	On	0	30	30	0	0	0
22	(9-10 pm)	20	80	70	75	50	65	On	On	On	0	0	0	0	0	0
23	(10-11 pm)	10	10	20	25	50	5	On	On	On	0	0	0	0	0	0
24	(11-12 am)	0	0	0	5	5	5	Off	Off	Off	0	0	0	0	0	0
Tot	al/Day	710	750	700	1155	800	845	1800	1700	1700	70	125	115	0	0	0
Tot	al/Week		50.5	0 hours		74.2	0 hours		124	4 hours		5.	9 hours			0 hou
Tot	al/Year		263	3 hours		386	9 hours		646	5 hours		30	8 hours			0 hou

TABLE B103(1) SSEMBLY OCCUPANCY

Wk = Weekday

							ABLE E		CYª							
	HOUR OF DAY (Time)	00	HEDULE CCUPAN Percent o ximum L	CY of	L RE P	IEDULE LIGHTINO CEPTAC Percent o cimum L	G CLE of		IEDULE AC SYST		SERVIO	EDULE CE HOT V Percent o ximum L	WATER	E	IEDULE LEVATO Percent o kimum L)R of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
2	(1-2 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
3	(2-3 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
4	(3-4 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
5	(4-5 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
6	(5-6 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
7	(6-7 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
8	(7-8 am)	10	10	0	50	20	5	On	On	On	17	1	1	2	2	0
9	(8-9 am)	50	30	5	90	40	10	On	On	On	58	20	1	75	46	2
10	(9-10 am)	80	40	5	90	40	10	On	On	On	66	28	1	100	70	2
11	(10-11 am)	80	40	5	90	40	10	On	On	On	78	30	1	100	70	2
12	(11-12 pm)	80	40	5	90	40	10	On	On	On	82	30	1	100	70	2
13	(12-1 pm)	80	40	5	90	40	10	On	On	On	71	24	1	75	51	2
14	(1-2 pm)	80	40	5	90	40	10	On	On	On	82	24	1	100	51	2
15	(2-3 pm)	80	40	5	90	40	10	On	On	On	78	23	1	100	51	2
16	(3-4 pm)	80	40	5	90	40	10	On	On	On	74	23	1	100	51	2
17	(4-5 pm)	80	40	0	30	40	5	On	On	On	63	23	1	100	51	0
18	(5-6 pm)	50	10	0	30	40	5	On	On	On	41	10	1	100	25	0
19	(6-7 pm)	30	10	0	30	10	5	On	On	On	18	1	1	52	2	0
20	(7-8 pm)	30	0	0	30	10	5	On	On	On	18	1	1	52	0	0
21	(8-9 pm)	20	0	0	30	10	5	On	On	On	18	1	1	52	0	0
22	(9-10 pm)	20	0	0	30	10	5	On	On	On	10	1	1	28	0	0
23	(10-11 pm)	0	0	0	30	10	5	On	On	On	1	1	1	0	0	0
24	(11-12 am)	0	0	0	10	10	5	On	On	On	1	1	1	0	0	0
Tot	al/Day	850	380	40	1060	550	160	2400	2400	2400	783	249	24	1136	540	16
Tot	al/Week		46.7	0 hours		60.1	0 hours		16	8 hours		41.8	8 hours		62.3	6 hours
Tot	al/Year		243	5 hours		313	4 hours		876	0 hours		214	8 hours		325	1 hours

	HOUR OF DAY (Time)	OC F	IEDULE	CY of	L RE F	IEDULE LIGHTING CEPTAC Percent of kimum L	G CLE of		IEDULE AC SYST		SERVIO	IEDULE CE HOT V Percent c kimum L	WATER	E	IEDULE LEVATO Percent c ximum L	R
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	90	90	70	20	20	30	On	On	On	20	20	25	40	44	55
2	(1-2 am)	90	90	70	15	20	30	On	On	On	15	15	20	33	35	55
3	(2-3 am)	90	90	70	10	10	20	On	On	On	15	15	20	33	35	43
4	(3-4 am)	90	90	70	10	10	20	On	On	On	15	15	20	33	35	43
5	(4-5 am)	90	90	70	10	10	20	On	On	On	20	20	20	33	35	43
6	(5-6 am)	90	90	70	20	10	20	On	On	On	25	25	30	33	35	43
7	(6-7 am)	70	70	70	40	30	30	On	On	On	50	40	50	42	40	52
8	(7-8 am)	40	50	70	50	30	40	On	On	On	60	50	50	42	32	52
9	(8-9 am)	40	50	50	40	40	40	On	On	On	55	50	50	52	45	65
10	(9-10 am)	20	30	50	40	40	30	On	On	On	45	50	55	52	45	65
11	(10-11 am)	20	30	50	25	30	30	On	On	On	40	45	50	40	42	53
12	(11-12 pm)	20	30	30	25	25	30	On	On	On	45	50	50	51	60	60
13	(12-1 pm)	20	30	30	25	25	30	On	On	On	40	50	40	51	65	53
14	(1-2 pm)	20	30	20	25	25	20	On	On	On	35	45	40	51	65	51
15	(2-3 pm)	20	30	20	25	25	20	On	On	On	30	40	30	51	65	50
16	(3-4 pm)	30	30	20	25	25	20	On	On	On	30	40	30	51	65	44
17	(4-5 pm)	50	30	30	25	25	20	On	On	On	30	35	30	63	65	64
18	(5-6 pm)	50	50	40	25	25	20	On	On	On	40	40	40	80	75	62
19	(6-7 pm)	50	60	40	60	60	50	On	On	On	55	55	50	86	80	65
20	(7-8 pm)	70	60	60	80	70	70	On	On	On	60	55	50	70	80	63
21	(8-9 pm)	70	60	60	90	70	80	On	On	On	50	50	40	70	75	63
22	(9-10 pm)	80	70	80	80	70	60	On	On	On	55	55	50	70	75	63
23	(10-11 pm)	90	70	80	60	60	50	On	On	On	45	40	40	45	55	40
24	(11-12 am)	90	70	80	30	30	30	On	On	On	25	30	20	45	55	40
Tot	al/Day	1390	1390	1300	855	785	810	2400	2400	2400	915	930	900	1217	1303	128
Tot	al/Week		96.40	0 hours		58.7	0 hours		168.	0 hours		64.0	5 hours		86.7	5 hou
Tot	al/Year		5020	6 hours		306	1 hours		876	0 hours		334	0 hours		452	3 hou

TABLE B103(3) IOTEL/MOTEL OCCUPANCY

Wk = Weekday

	HOUR OF DAY (Time)	00	IEDULE CCUPAN Percent c ximum L	CY of	L RE	EDULE IGHTING CEPTAC ercent c timum L	G CLE of		IEDULE I Ac syst		SERVIO	IEDULE CE HOT V Percent c ximum L	WATER	E	EDULE LEVATO Percent o kimum La	R of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
2	(1-2 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
3	(2-3 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
4	(3-4 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
5	(4-5 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
6	(5-6 am)	0	0	0	10	5	5	Off	Off	Off	8	8	7	0	0	0
7	(6-7 am)	10	10	5	10	10	5	On	On	Off	7	7	4	0	0	0
8	(7-8 am)	20	10	5	30	10	5	On	On	Off	19	11	4	35	16	0
9	(8-9 am)	95	30	5	90	30	5	On	On	Off	35	15	4	69	14	0
10	(9-10 am)	95	30	5	90	30	5	On	On	Off	38	21	4	43	21	0
11	(10-11 am)	95	30	5	90	30	5	On	On	Off	39	19	4	37	18	0
12	(11-12 pm)	95	30	5	90	30	5	On	On	Off	47	23	6	43	25	0
13	(12-1 pm)	50	10	5	80	15	5	On	On	Off	57	20	6	58	21	0
14	(1-2 pm)	95	10	5	90	15	5	On	On	Off	54	19	9	48	13	0
15	(2-3 pm)	95	10	5	90	15	5	On	On	Off	34	15	6	37	8	0
16	(3-4 pm)	95	10	5	90	15	5	On	On	Off	33	12	4	37	4	0
17	(4-5 pm)	95	10	5	90	15	5	On	On	Off	44	14	4	46	5	0
18	(5-6 pm)	30	5	5	50	5	5	On	On	Off	26	7	4	62	6	0
19	(6-7 pm)	10	5	0	30	5	5	On	Off	Off	21	7	4	20	0	0
20	(7-8 pm)	10	0	0	30	5	5	On	Off	Off	15	7	4	12	0	0
21	(8-9 pm)	10	0	0	20	5	5	On	Off	Off	17	7	4	4	0	0
22	(9-10 pm)	10	0	0	20	5	5	On	Off	Off	8	9	7	4	0	0
23	(10-11 pm)	5	0	0	10	5	5	Off	Off	Off	5	5	4	0	0	0
24	(11-12 am)	5	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
Tot	al/Day	920	200	60	1040	280	120	1600	1200	0	537	256	113	555	151	0
Tot	al/Week		48.6	0 hours		56.0	0 hours		92.00) hours		30.54	4 hours		29.20	6 hours
Tot	al/Year		253	4 hours		292	0 hours		4797	7 hours		159	2 hours		1520	5 hours

TABLE B103(4) LIGHT MANUFACTURING OCCUPANCY^a

Wk = Weekday

	HOUR OF DAY (Time)	OC F	IEDULE CCUPAN Percent c ximum L	CY of	L RE P	EDULE IGHTINC CEPTAC Percent o kimum L	G SLE of		IEDULE AC SYST		SERVIO	IEDULE CE HOT V Percent o ximum L	WATER	E	IEDULE LEVATO Percent c kimum L	R of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
2	(1-2 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
3	(2-3 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
4	(3-4 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
5	(4-5 am)	0	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
6	(5-6 am)	0	0	0	10	5	5	Off	Off	Off	8	8	7	0	0	0
7	(6-7 am)	10	10	5	10	10	5	On	On	Off	7	7	4	0	0	0
8	(7-8 am)	20	10	5	30	10	5	On	On	Off	19	11	4	35	16	0
9	(8-9 am)	95	30	5	90	30	5	On	On	Off	35	15	4	69	14	0
10	(9-10 am)	95	30	5	90	30	5	On	On	Off	38	21	4	43	21	0
11	(10-11 am)	95	30	5	90	30	5	On	On	Off	39	19	4	37	18	0
12	(11-12 pm)	95	30	5	90	30	5	On	On	Off	47	23	6	43	25	0
13	(12-1 pm)	50	10	5	80	15	5	On	On	Off	57	20	6	58	21	0
14	(1-2 pm)	95	10	5	90	15	5	On	On	Off	54	19	9	48	13	0
15	(2-3 pm)	95	10	5	90	15	5	On	On	Off	34	15	6	37	8	0
16	(3-4 pm)	95	10	5	90	15	5	On	On	Off	33	12	4	37	4	0
17	(4-5 pm)	95	10	5	90	15	5	On	On	Off	44	14	4	46	5	0
18	(5-6 pm)	30	5	5	50	5	5	On	On	Off	26	7	4	62	6	0
19	(6-7 pm)	10	5	0	30	5	5	On	Off	Off	21	7	4	20	0	0
20	(7-8 pm)	10	0	0	30	5	5	On	Off	Off	15	7	4	12	0	0
21	(8-9 pm)	10	0	0	20	5	5	On	Off	Off	17	7	4	4	0	0
22	(9-10 pm)	10	0	0	20	5	5	On	Off	Off	8	9	7	4	0	0
23	(10-11 pm)	5	0	0	10	5	5	Off	Off	Off	5	5	4	0	0	0
24	(11-12 am)	5	0	0	5	5	5	Off	Off	Off	5	5	4	0	0	0
Tot	tal/Day	920	200	60	1040	280	120	1600	1200	0	537	256	113	555	151	0
Tot	tal/Week		48.6	0 hours		56.0	0 hours		92.00) hours		30.54	4 hours		29.2	6 houi
Tot	tal/Year					292	0 hours		479	7 hours		159	2 hours		152	6 hour

					PAF	T/ RKING G	ABLE B GARAGE	103(6) E OCCU	PANCY	a						
	HOUR OF DAY (Time)	00	HEDULE CCUPAN Percent c ximum L	ICY of	L RE F	IEDULE F LIGHTING CEPTAC Percent o ximum Lo	à LE f		EDULE AC SYST		SERVIC	EDULE E HOT Percent c cimum L	WATER	EI P	EDULE LEVATO ercent o imum L	R
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	T			100	100	100				T					
2	(1-2 am)				100	100	100									
3	(2-3 am)				100	100	100									
4	(3-4 am)				100	100	100									
5	(4-5 am)				100	100	100									
6	(5-6 am)				100	100	100									
7	(6-7 am)				100	100	100									
8	(7-8 am)				100	100	100									
9	(8-9 am)				100	100	100									
10	(9-10 am)				100	100	100									
11	(10-11 am)				100	100	100	-						.		
12	(11-12 pm)		NA		100	100	100		Based oi ikely us			NA			luded w occupa	
13	(12-1 pm)				100	100	100									
14	(1-2 pm)				100	100	100									
15	(2-3 pm)				100	100	100									
16	(3-4 pm)				100	100	100									
17	(4-5 pm)				100	100	100									
18	(5-6 pm)				100	100	100									
19	(6-7 pm)				100	100	100									
20	(7-8 pm)				100	100	100									
21	(8-9 pm)				100	100	100									
22	(9-10 pm)				100	100	100									
23	(10-11 pm)				100	100	100									
24	(11-12 am)				100	100	100									
Tot	al/Day				2400	2400	2400									
Tot	al/Week					168	8 hours									
Tot	al/Year					8760) hours									

	HOUR OF DAY (Time)	00	IEDULE CCUPAN Percent c ximum L	CY of	L RE F	IEDULE	G SLE of		IEDULE AC SYST		SERVIO	IEDULE CE HOT Percent o kimum L	WATER	E	IEDUL LEVAT Percent kimum	OR t of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	15	30	20	15	20	20	On	On	On	20	20	25	0	0	0
2	(1-2 am)	15	25	20	15	15	15	On	On	On	15	15	20	0	0	0
3	(2-3 am)	5	5	5	15	15	15	On	On	On	15	15	20	0	0	0
4	(3-4 am)	0	0	0	15	15	15	Off	Off	Off	0	0	0	0	0	0
5	(4-5 am)	0	0	0	15	15	15	Off	Off	Off	0	0	0	0	0	0
6	(5-6 am)	0	0	0	20	15	15	Off	Off	Off	0	0	0	0	0	0
7	(6-7 am)	0	0	0	40	30	30	Off	Off	Off	0	0	0	0	0	0
8	(7-8 am)	5	0	0	40	30	30	On	Off	Off	60	0	0	0	0	0
9	(8-9 am)	5	0	0	60	60	50	On	Off	Off	55	0	0	0	0	0
10	(9-10 am)	5	5	0	60	60	50	On	On	Off	45	50	0	0	0	0
11	(10-11 am)	20	20	10	90	80	70	On	On	On	40	45	50	0	0	0
12	(11-12 pm)	50	45	20	90	80	70	On	On	On	45	50	50	0	0	0
13	(12-1 pm)	80	50	25	90	80	70	On	On	On	40	50	40	0	0	0
14	(1-2 pm)	70	50	25	90	80	70	On	On	On	35	45	40	0	0	0
15	(2-3 pm)	40	35	15	90	80	70	On	On	On	30	40	30	0	0	0
16	(3-4 pm)	20	30	20	90	80	70	On	On	On	30	40	30	0	0	0
17	(4-5 pm)	25	30	25	90	80	60	On	On	On	30	35	30	0	0	0
18	(5-6 pm)	50	30	35	90	90	60	On	On	On	40	40	40	0	0	0
19	(6-7 pm)	80	70	55	90	90	60	On	On	On	55	55	50	0	0	0
20	(7-8 pm)	80	90	65	90	90	60	On	On	On	60	55	50	0	0	0
21	(8-9 pm)	80	70	70	90	90	60	On	On	On	50	50	40	0	0	0
22	(9-10 pm)	50	65	35	90	90	60	On	On	On	55	55	50	0	0	0
23	(10-11 pm)	35	55	20	50	50	50	On	On	On	45	40	40	0	0	0
24	(11-12 am)	20	35	20	30	50	30	On	On	On	25	30	20	0	0	0
Tot	al/Day	750	740	485	1455	1365	1115	2000	1800	1700	790	730	625	0	0	0
Tot	al/Week		49.7	5 hours		97.5	5 hours		13	5 hours		53.0	5 hours			0 hou
Tot	al/Year		259	4 hours		508	6 hours		7039	9 hours		276	6 hours			0 hou

TABLE B103(7) ESTAURANT OCCUPANCY

Wk = Weekday

							AIL OC	CUPAN	CY"		1					
	HOUR OF DAY (Time)	0	HEDULE CCUPAN Percent o ximum L	CY of	L RE P	EDULE IGHTING CEPTAC Percent c cimum L	G CLE of		IEDULE I AC SYST		SERVI	IEDULE CE HOT Percent c ximum L	WATER	E	HEDULE ELEVATO Percent o ximum L	R of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	0	0	0	5	5	5	Off	Off	Off	4	111	7	0	0	0
2	(1-2 am)	0	0	0	5	5	5	Off	Off	Off	5	10	7	0	0	0
3	(2-3 am)	0	0	0	5	5	5	Off	Off	Off	5	8	7	0	0	0
4	(3-4 am)	0	0	0	5	5	5	Off	Off	Off	4	6	6	0	0	0
5	(4-5 am)	0	0	0	5	5	5	Off	Off	Off	4	6	6	0	0	0
6	(5-6 am)	0	0	0	5	5	5	Off	Off	Off	4	6	6	0	0	0
7	(6-7 am)	0	0	0	5	5	5	On	On	Off	4	7	7	0	0	0
8	(7-8 am)	10	10	0	20	10	5	On	On	Off	15	20	10	12	9	0
9	(8-9 am)	20	20	0	50	30	10	On	On	On	23	24	12	22	21	0
10	(9-10 am)	50	50	10	90	60	10	On	On	On	32	27	14	64	56	11
11	(10-11 am)	50	60	20	90	90	40	On	On	On	41	42	29	74	66	13
12	(11-12 pm)	70	80	20	90	90	40	On	On	On	57	54	31	68	68	35
13	(12-1 pm)	70	80	40	90	90	60	On	On	On	62	59	36	68	68	37
14	(1-2 pm)	70	80	40	90	90	60	On	On	On	61	60	36	71	69	37
15	(2-3 pm)	70	80	40	90	90	60	On	On	On	50	49	34	72	70	39
16	(3-4 pm)	80	80	40	90	90	60	On	On	On	45	48	35	72	69	41
17	(4-5 pm)	70	80	40	90	90	60	On	On	On	46	47	37	73	66	38
18	(5-6 pm)	50	60	20	90	90	40	On	On	Off	47	46	34	68	58	34
19	(6-7 pm)	50	20	10	60	50	20	On	On	Off	42	44	25	68	47	3
20	(7-8 pm)	30	20	0	60	30	5	On	On	Off	34	36	27	58	43	0
21	(8-9 pm)	30	20	0	50	30	5	On	On	Off	33	29	21	54	43	0
22	(9-10 pm)	0	10	0	20	10	5	Off	On	Off	23	22	16	0	8	0
23	(10-11 pm)	0	0	0	5	5	5	Off	Off	Off	13	16	10	0	0	0
24	(11-12 am)	0	0	0	5	5	5	Off	Off	Off	8	13	6	0	0	0
Tot	al/Day	720	750	280	1115	985	525	1500	1600	900	662	690	459	844	761	288
Tot	al/Week		46.3	0 hours		70.8	5 hours		100) hours		44.5	9 hours		52.6	9 hours
Tot	al/Year	1	241	4 hours		369	4 hours		5214	4 hours		232	5 hours		274	7 hours

TABLE B103(8) RETAIL OCCUPANCY[®]

Wk = Weekday

	HOUR OF DAY (Time)	OC F	IEDULE CCUPAN Percent c ximum L	CY of	L RE F	IEDULE LIGHTING CEPTAC Percent c kimum L	G CLE of		EDULE AC SYST		SERVIC	IEDULE CE HOT Percent c cimum L	WATER	E	IEDULE LEVATO Percent o cimum L)R of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sur
1	(12-1 am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
2	(1-2 am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
3	(2-3 am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
4	(3-4 am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
5	(4-5 am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
6	(5-6 am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
7	(6-7 am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
8	(7-8 am)	5	0	0	30	5	5	On	Off	Off	10	3	3	0	0	0
9	(8-9 am)	75	10	0	85	15	5	On	On	Off	34	3	5	30	0	0
10	(9-10 am)	90	10	0	95	15	5	On	On	Off	60	5	5	30	0	0
11	(10-11 am)	90	10	0	95	15	5	On	On	Off	63	5	5	30	0	0
12	(11-12 pm)	80	10	0	95	15	5	On	On	Off	72	5	5	30	0	0
13	(12-1 pm)	80	10	0	80	15	5	On	On	Off	79	5	5	30	0	0
14	(1-2 pm)	80	0	0	80	5	5	On	Off	Off	83	3	5	30	0	0
15	(2-3 pm)	80	0	0	80	5	5	On	Off	Off	61	3	3	30	0	0
16	(3-4 pm)	45	0	0	70	5	5	On	Off	Off	65	3	3	15	0	0
17	(4-5 pm)	15	0	0	50	5	5	On	Off	Off	10	3	3	0	0	0
18	(5-6 pm)	5	0	0	50	5	5	On	Off	Off	10	3	3	0	0	0
19	(6-7 pm)	15	0	0	35	5	5	On	Off	Off	19	3	3	0	0	0
20	(7-8 pm)	20	0	0	35	5	5	On	Off	Off	25	3	3	0	0	0
21	(8-9 pm)	20	0	0	35	5	5	On	Off	Off	22	3	3	0	0	0
22	(9-10 pm)	10	0	0	30	5	5	On	Off	Off	22	3	3	0	0	0
23	(10-11 pm)	0	0	0	5	5	5	Off	Off	Off	12	3	3	0	0	0
24	(11-12 am)	0	0	0	5	5	5	Off	Off	Off	9	3	3	0	0	0
Tot	al/Day	710	50	0	990	170	120	1500	500	0	691	80	84	285	0	0
Tot	al/Week		36.0	0 hours		52.4	0 hours		80.0	0 hours		36.1	9 hours		14.2	5 hou
Tot	al/Year		187	7 hours		273	2 hours		417	1 hours		188	7 hours		74	3 hou

TABLE B103(9) SCHOOL OCCUPANCY^a

Wk = Weekday

						VAREH		103(10) CCUPA	NCY ^a		i					
	HOUR OF DAY (Time)	00	HEDULE CCUPAN Percent (ximum L	CY	L RE F	IEDULE LIGHTING CEPTAC Percent c kimum L	G SLE of		IEDULE AC SYS1		SERVIC	IEDULE CE HOT Percent o kimum L	WATER	E	IEDULE LEVATO Percent o ximum L)R of
		Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1	(12-1 am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
2	(1-2 am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
3	(2-3 am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
4	(3-4 am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
5	(4-5 am)	0	0	0	5	5	5	Off	Off	Off	5	2	2	0	0	0
6	(5-6 am)	0	0	0	5	5	5	Off	Off	Off	7	2	2	0	0	0
7	(6-7 am)	0	0	0	5	5	5	Off	Off	Off	7	2	2	0	0	0
8	(7-8 am)	15	0	0	40	5	5	On	Off	Off	10	2	2	0	0	0
9	(8-9 am)	70	20	0	70	8	5	On	On	Off	30	6	2	0	0	0
10	(9-10 am)	90	20	0	90	24	5	On	On	Off	36	12	2	30	0	0
11	(10-11 am)	90	20	0	90	24	5	On	On	Off	36	12	2	0	0	0
12	(11-12 pm)	90	20	0	90	24	5	On	On	Off	46	17	2	0	0	0
13	(12-1 pm)	50	10	0	80	5	5	On	On	Off	57	4	4	0	0	0
14	(1-2 pm)	85	10	0	90	5	5	On	On	Off	43	4	4	0	0	0
15	(2-3 pm)	85	10	0	90	5	5	On	On	Off	38	2	2	0	0	0
16	(3-4 pm)	85	10	0	90	5	5	On	On	Off	40	2	2	40	0	0
17	(4-5 pm)	20	0	0	90	5	5	On	Off	Off	30	2	2	0	0	0
18	(5-6 pm)	0	0	0	30	5	5	Off	Off	Off	18	2	2	0	0	0
19	(6-7 pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
20	(7-8 pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
21	(8-9 pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
22	(9-10 pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
23	(10-11 pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
24	(11-12 am)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
Tot	al/Day	680	120	0	915	180	120	1000	800	0	429	91	52	70	0	0
Tot	al/Week		35.2	0 hours		48.7	5 hours		58.0	0 hours		22.8	8 hours		3.5	0 hours
Tot	al/Year		183	5 hours		254	2 hours		302	4 hours		119	3 hours		18	2 hours