

Appendix C - Schedules

Table C-1 – Assembly Occupancy

Source: Table G-E, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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

Total/Day	710	750	700	1155	800	845	1800	1700	1700	70	125	115	0	0	0
Total/Week	50.50 hours			74.20 hours			124 hours			5.9 hours			0 hours		
Total/Year	2633 hours			3869 hours			6465 hours			308 hours			0 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-2 – Health Occupancy

Source: Table G-F, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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
Total/Day	850	380	40	1060	550	160	2400	2400	2400	783	249	24	1136	540	16
Total/Week	46.70 hours			60.10 hours			168 hours			41.88 hours			62.36 hours		
Total/Year	2435 hours			3134 hours			8760 hours			2148 hours			3251 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-3 – Hotel/Motel Occupancy

Source: Table G-G, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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
Total/Day	1390	1390	1300	855	785	810	2400	2400	2400	915	930	900	1217	1303	1287
Total/Week	96.40 hours			58.70 hours			168.0 hours			64.05 hours			86.75 hours		
Total/Year	5026 hours			3061 hours			8760 hours			3340 hours			4523 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-4 – Light Manufacturing Occupancy

Source: Table G-H, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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
Total/Day	920	200	60	1040	280	120	1600	1200	0	537	256	113	555	151	0
Total/Week	48.60 hours			56.00 hours			92.00 hours			30.54 hours			29.26 hours		
Total/Year	2534 hours			2920 hours			4797 hours			1592 hours			1526 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-5 – Office Occupancy

Source: Table G-1, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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
Total/Day	920	200	60	1040	280	120	1600	1200	0	537	256	113	555	151	0
Total/Week	48.60 hours			56.00 hours			92.00 hours			30.54 hours			29.26 hours		
Total/Year	2534 hours			2920 hours			4797 hours			1592 hours			1526 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-6 – Parking Garage Occupancy

Source: Table G-J, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1 (12-1 am)				100	100	100									
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	Based on likely use							Included with other occupancies	
12 (11-12 pm)		NA		100	100	100					NA				
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									
Total/Day				2400	2400	2400									
Total/Week				168 hours											
Total/Year				8760 hours											
Wk = Weekday															

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-7 – Restaurant Occupancy

Source: Table G-K, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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	30	30	On	On	On	25	30	20	0	0	0
Total/Day	750	740	485	1455	1365	1115	2000	1800	1700	790	730	625	0	0	0
Total/Week	49.75 hours			97.55 hours			135 hours			53.05 hours			0 hours		
Total/Year	2594 hours			5086 hours			7039 hours			2766 hours			0 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-8 – Retail Occupancy

Source: Table G-L, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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	11	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
Total/Day	720	750	280	1115	985	525	1500	1600	900	662	690	459	844	761	288
Total/Week	46.30 hours			70.85 hours			100 hours			44.59 hours			52.69 hours		
Total/Year	2414 hours			3694 hours			5214 hours			2325 hours			2747 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-9 – School Occupancy

Source: Table G-M, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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	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
Total/Day	710	50	0	990	170	120	1500	500	0	691	80	84	285	0	0
Total/Week	36.00 hours			52.40 hours			80.00 hours			36.19 hours			14.25 hours		
Total/Year	1877 hours			2732 hours			4171 hours			1887 hours			743 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-10 – Warehouse Occupancy

Source: Table G-N, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy			Schedule for Lighting Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	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	0	0	0
11 (10-11 am)	90	20	0	90	24	5	On	On	Off	36	12	2	30	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
Total/Day	680	120	0	915	180	120	1000	800	0	429	91	52	70	0	0
Total/Week	35.20 hours			48.75 hours			58.00 hours			22.88 hours			3.50 hours		
Total/Year	1835 hours			2542 hours			3024 hours			1193 hours			182 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-11 – Laboratory Occupancy

Source: Table G-O, User's Manual for ANSI/ASHRAE/IESNA Standard 90.1-2007

Hour of Day (Time)	Schedule for Occupancy Percent of Maximum Load			Schedule for Lighting Percent of Maximum Load			Schedule for HVAC System			Schedule for Fume Hoods Percent of Maximum Load			Schedule for Equipment Percent of Maximum Load Typical Use			Schedule for Equipment Percent of Maximum Load High- Use		
	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1 (12-1 am)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100
2 (1-2 am)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100
3 (2-3 am)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100
4 (3-4 am)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100
5 (4-5 am)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100
6 (5-6 am)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100
7 (6-7 am)	5	5	5	30	10	10	On	On	On	53	53	53	20	30	30	100	100	100
8 (7-8 am)	10	10	10	50	10	10	On	On	On	55	55	55	30	30	30	100	100	100
9 (8-9 am)	20	10	10	90	40	40	On	On	On	60	55	55	40	40	40	100	100	100
10 (9-10 am)	90	30	30	90	40	40	On	On	On	98	65	65	50	40	40	100	100	100
11 (10-11 am)	90	30	30	90	40	40	On	On	On	98	65	65	50	40	40	100	100	100
12 (11-12 pm)	45	30	30	90	40	40	On	On	On	98	65	65	50	40	40	100	100	100
13 (12-1 pm)	45	30	30	80	20	20	On	On	On	73	65	65	40	30	30	100	100	100
14 (1-2 pm)	90	10	10	90	20	20	On	On	On	98	55	55	50	30	30	100	100	100
15 (2-3 pm)	90	10	10	90	20	20	On	On	On	98	55	55	50	30	30	100	100	100
16 (3-4 pm)	90	10	10	90	20	20	On	On	On	98	55	55	50	30	30	100	100	100
17 (4-5 pm)	90	10	10	90	20	20	On	On	On	98	55	55	50	30	30	100	100	100
18 (5-6 pm)	90	10	10	90	10	10	On	On	On	65	55	55	40	20	20	100	100	100
19 (6-7 pm)	30	5	5	50	10	10	On	On	On	55	53	53	30	20	20	100	100	100
20 (7-8 pm)	10	5	5	50	10	10	On	On	On	55	53	53	30	20	20	100	100	100
21 (8-9 pm)	10	5	5	30	10	10	On	On	On	53	53	53	20	20	20	100	100	100
22 (9-10 pm)	10	5	5	30	10	10	On	On	On	53	53	53	20	20	20	100	100	100
23 (10-11 pm)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100
24 (11-12 am)	5	5	5	20	10	10	On	On	On	53	53	53	20	20	20	100	100	100

Total/Day	855	255	255	1290	410	410	2400	2400	2400	1632	1334	1334	780	630	630	2400	2400	2400
Total/Week	47.85 hours			72.70 hours			168.00			108.28 hours			51.60 hours			168.00		
Total/Year	2495 hours			3791 hours			8760 hours			5646 hours			2691 hours			8760 hours		

Wk = Weekday

Schedules for occupancy, lighting, receptacle, HVAC system, and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5% emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0% when occupancy is 0%. These values may be used only if actual schedules are not known.

Table C-12 – Nonresidential Occupancy Schedules (Other than Retail)

Source: Table N2-5, California 2005 Building Energy Efficiency Standards, Nonresidential ACM Manual

Hour of Day (Time)	Heating (°F)			Cooling (°F)			Lights (%)			Equipment (%)			Fans (%)			Infiltration (%)			People (%)			Hot Water (%)		
	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun
1 (12-1 am)	60	60	60	77	77	77	5	5	5	15	15	15	off	off	off	100	100	100	0	0	0	0	0	0
2 (1-2 am)	60	60	60	77	77	77	5	5	5	15	15	15	off	off	off	100	100	100	0	0	0	0	0	0
3 (2-3 am)	60	60	60	77	77	77	5	5	5	15	15	15	off	off	off	100	100	100	0	0	0	0	0	0
4 (3-4 am)	60	60	60	77	77	77	5	5	5	15	15	15	off	off	Off	100	100	100	0	0	0	0	0	0
5 (4-5 am)	60	60	60	77	77	77	10	5	5	15	15	15	off	off	off	100	100	100	5	0	0	10	0	0
6 (5-6 am)	65	65	65	73	73	73	20	10	10	20	15	15	on	on	off	0	0	100	10	0	0	10	0	0
7 (6-7 am)	65	65	65	73	73	73	40	15	10	35	15	15	on	on	off	0	0	100	25	5	0	50	10	0
8 (7-8 am)	70	65	65	73	73	73	70	25	15	60	20	20	on	on	off	0	0	100	65	15	5	50	20	10
9 (8-9 am)	70	65	65	73	73	73	80	25	15	70	25	20	on	on	off	0	0	100	65	15	5	50	20	10
10 (9-10 am)	70	65	65	73	73	73	85	25	15	70	25	20	on	on	off	0	0	100	65	15	5	50	20	10
11 (10-11 am)	70	65	65	73	73	73	85	25	15	70	25	20	on	on	off	0	0	100	65	15	5	70	20	10
12 (11-12 pm)	70	65	65	73	73	73	85	25	15	70	25	20	on	on	off	0	0	100	60	15	5	90	20	10
13 (12-1 pm)	70	65	65	73	73	73	85	25	15	70	25	20	on	on	off	0	0	100	60	15	5	90	20	10
14 (1-2 pm)	70	65	65	73	73	73	85	25	15	70	20	20	on	on	off	0	0	100	65	15	5	50	20	10
15 (2-3 pm)	70	65	65	73	73	73	85	20	15	70	20	20	on	on	off	0	0	100	65	15	5	50	20	10
16 (3-4 pm)	70	65	65	73	73	73	85	20	15	70	20	20	on	off	off	0	100	100	65	15	5	70	20	10
17 (4-5 pm)	70	60	60	73	73	73	85	20	15	65	20	20	on	off	off	0	100	100	65	15	5	50	20	10
18 (5-6 pm)	70	60	60	73	73	73	80	15	10	45	15	15	on	off	off	0	100	100	40	5	5	50	10	10
19 (6-7 pm)	65	60	60	77	77	77	35	15	10	30	15	15	on	off	off	0	100	100	25	5	5	50	10	10
20 (7-8 pm)	60	60	60	77	77	77	10	15	10	20	15	15	on	off	off	0	100	100	10	5	5	10	10	10
21 (8-9 pm)	60	60	60	77	77	77	10	15	5	20	15	15	off	off	off	100	100	100	5	0	0	10	0	0
22 (9-10 pm)	60	60	60	77	77	77	10	15	5	15	15	15	off	off	off	100	100	100	5	0	0	10	0	0
23 (10-11 pm)	60	60	60	77	77	77	10	15	5	15	15	15	off	off	off	100	100	100	5	0	0	10	0	0
24 (11-12 am)	60	60	60	77	77	77	10	15	5	15	15	15	off	off	off	100	100	100	0	0	0	0	0	0

Table C-13 – Hotel Function Occupancy Schedules

Source: Table N2-6, California 2005 Building Energy Efficiency Standards, Nonresidential ACM Manual

Hour of Day (Time)	Heating (°F)			Cooling (°F)			Lights (%)			Equipment (%)			Fans (%)			Infiltration (%)			People (%)			Hot Water (%)		
	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun
1 (12-1 am)	55	55	55	95	95	95	5	5	5	5	5	5	off	off	off	100	100	100	0	0	0	0	0	0
2 (1-2 am)	55	55	55	95	95	95	5	5	5	5	5	5	off	off	off	100	100	100	0	0	0	0	0	0
3 (2-3 am)	55	55	55	95	95	95	5	5	5	5	5	5	off	off	off	100	100	100	0	0	0	0	0	0
4 (3-4 am)	55	55	55	95	95	95	5	5	5	5	5	5	off	off	off	100	100	100	0	0	0	0	0	0
5 (4-5 am)	55	55	55	95	95	95	5	5	5	5	5	5	off	off	off	100	100	100	0	0	0	0	0	0
6 (5-6 am)	55	55	55	95	95	95	5	5	5	5	5	5	off	off	off	100	100	100	0	0	0	0	0	0
7 (6-7 am)	63	63	63	95	95	95	5	5	5	5	5	5	on	on	on	0	0	0	0	0	0	10	10	10
8 (7-8 am)	68	68	68	95	95	95	5	5	5	5	5	5	on	on	on	0	0	0	5	5	5	40	40	40
9 (8-9 am)	70	70	70	74	74	74	25	25	25	50	50	50	on	on	on	0	0	0	35	35	35	40	40	40
10 (9-10 am)	70	70	70	74	74	74	50	50	50	50	50	50	on	on	on	0	0	0	90	90	90	60	60	60
11 (10-11 am)	70	70	70	74	74	74	90	90	90	50	50	50	on	on	on	0	0	0	90	90	90	60	60	60
12 (11-12 pm)	70	70	70	74	74	74	90	90	90	50	50	50	on	on	on	0	0	0	90	90	90	60	60	60
13 (12-1 pm)	70	70	70	74	74	74	90	90	90	30	30	30	on	on	on	0	0	0	25	25	25	90	90	90
14 (1-2 pm)	70	70	70	74	74	74	90	90	90	50	50	50	on	on	on	0	0	0	90	90	90	60	60	60
15 (2-3 pm)	70	70	70	74	74	74	90	90	90	50	50	50	on	on	on	0	0	0	90	90	90	60	60	60
16 (3-4 pm)	70	70	70	74	74	74	90	90	90	50	50	50	on	on	on	0	0	0	90	90	90	60	60	60
17 (4-5 pm)	70	70	70	74	74	74	75	75	75	30	30	30	on	on	on	0	0	0	50	50	50	60	60	60
18 (5-6 pm)	70	70	70	74	74	74	50	50	50	10	10	10	on	on	on	0	0	0	25	25	25	40	40	40
19 (6-7 pm)	70	70	70	74	74	74	50	50	50	30	30	30	on	on	on	0	0	0	50	50	50	50	50	50
20 (7-8 pm)	70	70	70	74	74	74	50	50	50	30	30	30	on	on	on	0	0	0	50	50	50	50	50	50
21 (8-9 pm)	70	70	70	74	74	74	50	50	50	30	30	30	on	on	on	0	0	0	50	50	50	50	50	50
22 (9-10 pm)	70	70	70	74	74	74	10	10	10	10	10	10	on	on	on	0	0	0	10	10	10	10	10	10
23 (10-11 pm)	55	55	55	74	74	74	5	5	5	5	5	5	on	on	on	0	0	0	0	0	0	0	0	0
24 (11-12 am)	55	55	55	95	95	95	5	5	5	5	5	5	off	off	off	100	100	100	0	0	0	0	0	0

Table C-14 – Residential Occupancy Schedules (Including Hotel/Motel Guest Rooms) with Setback Thermostat for Heating

Source: Table N2-7, California 2005 Building Energy Efficiency Standards, Nonresidential ACM Manual

Hour of Day (Time)	Heating (°F)			Cooling (°F)			Lights (%)			Equipment (%)			Fans (%)			Infiltration (%)			People (%)			Hot Water (%)		
	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun
1 (12-1 am)	60	60	60	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	0	0	0
2 (1-2 am)	60	60	60	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	0	0	0
3 (2-3 am)	60	60	60	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	0	0	0
4 (3-4 am)	60	60	60	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	5	5	5
5 (4-5 am)	60	60	60	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	5	5	5
6 (5-6 am)	60	60	60	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	90	90	90	5	5	5
7 (6-7 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	70	70	70	80	80	80
8 (7-8 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	40	40	40	70	70	70
9 (8-9 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	40	40	40	50	50	50
10 (9-10 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	20	20	20	40	40	40
11 (10-11 am)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
12 (11-12 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
13 (12-1 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
14 (1-2 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
15 (2-3 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	50	50	50
16 (3-4 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	30	30	30	60	60	60
17 (4-5 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	50	50	50	70	70	70
18 (5-6 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	50	50	50	70	70	70
19 (6-7 pm)	68	68	68	78	78	78	60	60	60	60	60	60	on	on	on	100	100	100	50	50	50	40	40	40
20 (7-8 pm)	68	68	68	78	78	78	80	80	80	80	80	80	on	on	on	100	100	100	70	70	70	25	25	25
21 (8-9 pm)	68	68	68	78	78	78	90	90	90	90	90	90	on	on	on	100	100	100	70	70	70	20	20	20
22 (9-10 pm)	68	68	68	78	78	78	80	80	80	80	80	80	on	on	on	100	100	100	80	80	80	20	20	20
23 (10-11 pm)	60	60	60	78	78	78	60	60	60	60	60	60	on	on	on	100	100	100	90	90	90	5	5	5
24 (11-12 am)	60	60	60	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	90	90	90	5	5	5

Table C-15 – Residential Occupancy Schedules (Including Hotel/Motel Guest Rooms) without Setback Thermostat for Heating

Source: Table N2-8, California 2005 Building Energy Efficiency Standards, Nonresidential ACM Manual

Hour of Day (Time)	Heating (°F)			Cooling (°F)			Lights (%)			Equipment (%)			Fans (%)			Infiltration (%)			People (%)			Hot Water (%)		
	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun
1 (12-1 am)	68	68	68	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	0	0	0
2 (1-2 am)	68	68	68	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	0	0	0
3 (2-3 am)	68	68	68	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	0	0	0
4 (3-4 am)	68	68	68	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	5	5	5
5 (4-5 am)	68	68	68	78	78	78	10	10	10	10	10	10	on	on	on	100	100	100	90	90	90	5	5	5
6 (5-6 am)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	90	90	90	5	5	5
7 (6-7 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	70	70	70	80	80	80
8 (7-8 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	40	40	40	70	70	70
9 (8-9 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	40	40	40	50	50	50
10 (9-10 am)	68	68	68	78	78	78	45	45	45	45	45	45	on	on	on	100	100	100	20	20	20	40	40	40
11 (10-11 am)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
12 (11-12 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
13 (12-1 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
14 (1-2 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	25	25	25
15 (2-3 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	20	20	20	50	50	50
16 (3-4 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	30	30	30	60	60	60
17 (4-5 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	50	50	50	70	70	70
18 (5-6 pm)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	50	50	50	70	70	70
19 (6-7 pm)	68	68	68	78	78	78	60	60	60	60	60	60	on	on	on	100	100	100	50	50	50	40	40	40
20 (7-8 pm)	68	68	68	78	78	78	80	80	80	80	80	80	on	on	on	100	100	100	70	70	70	25	25	25
21 (8-9 pm)	68	68	68	78	78	78	90	90	90	90	90	90	on	on	on	100	100	100	70	70	70	20	20	20
22 (9-10 pm)	68	68	68	78	78	78	80	80	80	80	80	80	on	on	on	100	100	100	80	80	80	20	20	20
23 (10-11 pm)	68	68	68	78	78	78	60	60	60	60	60	60	on	on	on	100	100	100	90	90	90	5	5	5
24 (11-12 am)	68	68	68	78	78	78	30	30	30	30	30	30	on	on	on	100	100	100	90	90	90	5	5	5

Table C-16 – Retail Occupancy Schedules

Source: Table N2-9, California 2005 Building Energy Efficiency Standards, Nonresidential ACM Manual

Hour of Day (Time)	Heating (°F)			Cooling (°F)			Lights (%)			Equipment (%)			Fans (%)			Infiltration (%)			People (%)			Hot Water (%)		
	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun	WD	Sat	Sun
1 (12-1 am)	60	60	60	80	80	80	20	20	20	20	20	20	off	off	off	100	100	100	5	5	5	0	0	0
2 (1-2 am)	60	60	60	80	80	80	20	20	20	20	20	20	off	off	off	100	100	100	5	5	5	0	0	0
3 (2-3 am)	60	60	60	80	80	80	20	20	20	20	20	20	off	off	off	100	100	100	5	5	5	0	0	0
4 (3-4 am)	60	60	60	80	80	80	20	20	20	20	20	20	off	off	Off	100	100	100	5	5	5	0	0	0
5 (4-5 am)	60	60	60	80	80	80	20	20	20	20	20	20	off	off	off	100	100	100	5	5	5	0	0	0
6 (5-6 am)	63	63	63	74	74	74	30	30	30	25	25	25	off	off	off	100	100	100	5	5	5	0	0	0
7 (6-7 am)	65	65	65	74	74	74	40	40	40	30	30	30	On	On	On	0	0	0	15	15	15	10	10	10
8 (7-8 am)	68	68	68	74	74	74	65	65	65	45	45	45	on	on	on	0	0	0	25	25	25	10	10	10
9 (8-9 am)	70	70	70	74	74	74	90	90	90	60	60	60	on	on	on	0	0	0	40	40	40	50	50	50
10 (9-10 am)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	55	55	55	50	50	50
11 (10-11 am)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	75	75	75	70	70	70
12 (11-12 pm)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	75	75	75	90	90	90
13 (12-1 pm)	70	70	70	74	74	74	90	90	90	70	70	70	on	on	on	0	0	0	75	75	75	90	90	90
14 (1-2 pm)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	75	75	75	50	50	50
15 (2-3 pm)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	75	75	75	50	50	50
16 (3-4 pm)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	75	75	75	70	70	70
17 (4-5 pm)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	75	75	75	50	50	50
18 (5-6 pm)	70	70	70	74	74	74	90	90	90	75	75	75	on	on	on	0	0	0	75	75	75	50	50	50
19 (6-7 pm)	70	70	70	74	74	74	90	90	90	65	65	65	on	on	on	0	0	0	65	65	65	50	50	50
20 (7-8 pm)	65	65	65	74	74	74	80	80	80	55	55	55	on	on	on	0	0	0	50	50	50	10	10	10
21 (8-9 pm)	65	65	65	74	74	74	65	65	65	45	45	45	on	on	on	0	0	0	35	35	35	10	10	10
22 (9-10 pm)	65	65	65	74	74	74	50	50	50	35	35	35	off	off	off	100	100	100	20	20	20	0	0	0
23 (10-11 pm)	65	65	65	80	80	80	35	35	35	25	25	25	off	off	off	100	100	100	10	10	10	0	0	0
24 (11-12 am)	60	60	60	80	80	80	25	25	25	20	20	20	off	off	off	100	100	100	5	5	5	0	0	0