



Energy Demand Maps

Gerry DeSeve

Prepared for:

Behavior, Energy And Climate Change 2014

December 9th, 2014

3110.4	3265.92	3384.72	3471.12	3527.28	3615.84	3691.44	3786.48	3859.92	3859.92	3872.88	3875.04	3831.84
3160.08	3248.64	3393.36	3492.72	3533.76	3583.44	3633.12	3775.68	3773.52	3805.92	3836.16	3836.16	3844.8
3216.24	3402	3466.8	3624.48	3669.84	3808.08	3812.4	3888	3948.48	3952.8	3942	4002.48	3987.36
3067.2	3220.56	3304.8	3391.2	3488.4	3531.6	3602.88	3676.32	3667.68	3697.92	3717.36	3646.08	3665.52
2719.44	2712.96	2738.88	2704.32	2732.4	2738.88	2725.92	2790.72	2773.44	2816.64	2777.76	2797.2	2795.04
2421.36	2499.12	2423.52	2397.6	2419.2	2432.16	2473.2	2484	2527.2	2507.76	2505.6	2553.12	2507.76
2404.08	2363.04	2440.8	2391.12	2410.56	2475.36	2436.48	2529.36	2509.92	2544.48	2516.4	2518.56	2559.6
2741.04	3069.36	3227.04	3296.16	3363.12	3352.32	3358.8	3373.92	3417.12	3492.72	3695.76	3609.36	3585.6
3034.8	3179.52	3287.52	3404.16	3419.28	3494.88	3466.8	3546.72	3605.04	3605.04	3510	3522.96	3551.04
2838.24	2937.6	3086.64	3246.48	3235.68	3365.28	3341.52	3497.04	3468.96	3559.68	3490.56	3570.48	3486.24
2784.24	2857.68	2935.44	3073.68	3099.6	3192.48	3211.92	3294	3315.6	3268.08	3317.76	3240	3278.88
2356.56	2350.08	2423.52	2723.76	2462.4	2559.6	2464.56	2579.04	2579.04	2620.08	2585.52	2637.36	2592
2410.56	2447.28	2436.48	2451.6	2425.68	2436.48	2442.96	2432.16	2490.48	2460.24	2509.92	2468.88	2522.88
2674.08	2831.76	2987.28	2963.52	3075.84	3110.4	3125.52	3170.88	3268.08	3302.64	3296.16	3257.28	3289.68
2812.32	2870.64	3082.32	3075.84	3153.6	3162.24	3224.88	3274.56	3302.64	3324.24	3363.12	3324.24	3272.4
2797.2	2887.92	3086.64	3060.72	3136.32	3209.76	3237.84	3272.4	3345.84	3393.36	3386.88	3402	3332.88
2786.4	2719.44	3160.08	3036.96	3140.64	3218.4	3222.72	3216.24	3281.04	3335.04	3397.68	3417.12	3477.6
2818.8	2926.8	3082.32	3129.84	3181.68	3250.8	3218.4	3306.96	3339.36	3376.08	3386.88	3343.68	3309.12
2436.48	2380.32	2414.88	2445.12	2421.36	2531.52	2486.16	2572.56	2598.48	2570.4	2646	2598.48	2639.52
2434.32	2410.56	2455.92	2410.56	2464.56	2481.84	2464.56	2548.8	2516.4	2581.2	2559.6	2576.88	2585.52
2600.64	2883.6	2974.32	3043.44	3127.68	3157.92	3209.76	3289.68	3263.76	3291.84	3268.08	3309.12	3309.12
2734.56	2816.64	2920.32	3024	3075.84	3173.04	3198.96	3306.96	3259.44	3272.4	3335.04	3317.76	3281.04
2844.72	3008.88	3121.2	3153.6	3211.92	3315.6	3317.76	3402	3464.64	3484.08	3522.96	3484.08	3458.16
2803.68	2916	3013.2	3088.8	3097.44	3149.28	3147.12	3209.76	3198.96	3220.56	3203.28	3231.36	3291.84



3110.4	3265.92	3384.72	3471.12	3527.28	3615.84	3691.44	3786.48	3859.92	3859.92	3872.88	3875.04	3831.84
3160.08	3248.64	3393.36	3492.72	3533.76	3583.44	3633.12	3775.68	3773.52	3805.92	3836.16	3836.16	3844.8
3216.24	3402	3466.8	3624.48	3669.84	3808.08	3812.4	3888	3948.48	3952.8	3942	4002.48	3987.36
3067.2	3220.56	3304.8	3391.2	3488.4	3531.6	3602.88	3676.32	3667.68	3697.92	3717.36	3646.08	3665.52
2719.44	2712.96	2738.88	2704.32	2732.4	2738.88	2725.92	2790.72	2773.44	2816.64	2777.76	2797.2	2795.04
2421.36	2499.12	2423.52	2397.6	2419.2	2432.16	2473.2	2484	2527.2	2507.76	2505.6	2553.12	2507.76
2404.08	2363.04	2440.8	2391.12	2410.56	2475.36	2436.48	2529.36	2509.92	2544.48	2516.4	2518.56	2559.6
2741.04	3069.36	3227.04	3296.16	3363.12	3352.32	3358.8	3373.92	3417.12	3492.72	3695.76	3609.36	3585.6
3034.8	3179.52	3287.52	3404.16	3419.28	3494.88	3466.8	3546.72	3605.04	3605.04	3510	3522.96	3551.04
2838.24	2937.6	3086.64	3246.48	3235.68	3365.28	3341.52	3497.04	3468.96	3559.68	3490.56	3570.48	3486.24
2784.24	2857.68	2935.44	3073.68	3099.6	3192.48	3211.92	3294	3315.6	3268.08	3317.76	3240	3278.88
2356.56	2350.08	2423.52	2723.76	2462.4	2559.6	2464.56	2579.04	2579.04	2620.08	2585.52	2637.36	2592
2410.56	2447.28	2436.48	2451.6	2425.68	2436.48	2442.96	2432.16	2490.48	2460.24	2509.92	2468.88	2522.88
2674.08	2831.76	2987.28	2963.52	3075.84	3110.4	3125.52	3170.88	3268.08	3302.64	3296.16	3257.28	3289.68
2812.32	2870.64	3082.32	3075.84	3153.6	3162.24	3224.88	3274.56	3302.64	3324.24	3363.12	3324.24	3272.4
2797.2	2887.92	3086.64	3060.72	3136.32	3209.76	3237.84	3272.4	3345.84	3393.36	3386.88	3402	3332.88
2786.4	2719.44	3160.08	3036.96	3140.64	3218.4	3222.72	3216.24	3281.04	3335.04	3397.68	3417.12	3477.6
2818.8	2926.8	3082.32	3129.84	3181.68	3250.8	3218.4	3306.96	3339.36	3376.08	3386.88	3343.68	3309.12
2436.48	2380.32	2414.88	2445.12	2421.36	2531.52	2486.16	2572.56	2598.48	2570.4	2646	2598.48	2639.52
2434.32	2410.56	2455.92	2410.56	2464.56	2481.84	2464.56	2548.8	2516.4	2581.2	2559.6	2576.88	2585.52
2600.64	2883.6	2974.32	3043.44	3127.68	3157.92	3209.76	3289.68	3263.76	3291.84	3268.08	3309.12	3309.12
2734.56	2816.64	2920.32	3024	3075.84	3173.04	3198.96	3306.96	3259.44	3272.4	3335.04	3317.76	3281.04
2844.72	3008.88	3121.2	3153.6	3211.92	3315.6	3317.76	3402	3464.64	3484.08	3522.96	3484.08	3458.16
2803.68	2916	3013.2	3088.8	3097.44	3149.28	3147.12	3209.76	3198.96	3220.56	3203.28	3231.36	3291.84

6/25/2010

	12:00:00 AM	12:30:00 AM
6/25/2010	3244.32	3168.72
6/26/2010	3190.32	3249.42

	12:00:00 AM	12:30:00 AM
6/25/2010	-75.6	-21.6
6/26/2010	59.1	-63.42

9 AM

5 PM

Start Date	12:00 AM	12:30 AM	1:00 AM	1:30 AM	2:00 AM	2:30 AM	3:00 AM	3:30 AM	4:00 AM	4:30 AM	5:00 AM	5:30 AM	6:00 AM	6:30 AM	7:00 AM	7:30 AM	8:00 AM	8:30 AM	9:00 AM	9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12:00 PM	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM	4:30 PM	5:00 PM	5:30 PM	6:00 PM	6:30 PM	7:00 PM	7:30 PM	8:00 PM	8:30 PM	9:00 PM	9:30 PM	10:00 PM	10:30 PM	11:00 PM	11:30 PM
12/24/10	58.32	-36.72	12.96	-8.64	-2.16	19.44	-36.72	45.36	-49.68	41.04	-36.72	28.08	-19.44	-6.48	23.76	-47.52	69.12	-41.04	47.52	6.48	-10.80	45.36	-51.84	36.72	-34.56	6.48	10.80	-38.88	38.88	-45.36	4.32	10.80	-34.56	47.52	-45.36	21.60	6.48	-15.12	12.96	-43.20	43.20	-30.24	12.96	12.96	-32.40	43.20	-49.68	30.24
12/25/10	4.32	-25.92	51.84	-45.36	28.08	-17.28	-6.48	12.96	-10.80	21.60	-47.52	54.00	-30.24	-4.32	15.12	-47.52	56.16	-19.44	-2.16	21.60	-51.84	41.04	-32.96	-2.16	10.80	-21.60	34.56	-34.56	19.44	0.00	-10.80	23.76	-25.92	38.88	-45.36	32.40	-12.96	-8.64	30.24	-43.20	23.76	-15.12	15.12	4.32	-15.12	25.92	-36.72	34.56
12/26/10	-23.76	15.12	-15.12	25.92	-32.40	21.60	-2.16	-8.64	2.16	-17.28	28.08	-32.40	25.92	-25.92	23.76	-32.40	32.40	-38.88	34.56	-15.12	-8.64	19.44	-32.40	32.40	-28.08	34.56	-43.20	34.56	-4.32	10.80	-8.64	4.32	8.64	-15.12	6.48	-12.96	41.04	-47.52	34.56	-36.72	58.32	-38.88	51.84	-38.88	17.28	-47.52	41.04	-36.72
12/27/10	30.24	2.16	8.64	-6.48	2.16	47.52	-17.28	36.72	-38.88	60.48	-51.84	58.32	-36.72	127.44	30.24	92.88	58.32	32.40	30.80	41.04	47.52	19.44	25.92	-21.60	17.28	-4.32	-2.16	4.32	-19.44	-6.48	-43.20	-32.40	-64.80	-32.40	-77.76	25.92	-25.92	-54.00	10.80	-32.40	-25.92	12.96	-32.40	28.08	-19.44	-8.64	10.80	-36.72
12/28/10	8.64	-38.88	69.12	-64.80	47.52	-45.36	45.36	23.76	-41.04	56.16	4.32	4.32	69.12	21.60	84.24	103.68	32.40	41.04	30.24	36.72	10.80	10.80	4.32	34.56	4.32	4.32	-12.96	4.32	-60.48	21.60	-47.52	-10.80	-56.16	-86.40	-61.64	-41.04	-38.88	-8.64	-32.40	15.12	-58.32	-23.76	6.48	-17.28	-19.44	8.64	-21.60	-8.64
12/29/10	-4.32	-23.76	34.56	-60.48	58.32	-49.68	51.84	-34.56	28.08	62.64	-32.40	60.48	0.00	75.60	62.64	120.96	34.56	32.40	66.96	25.92	-2.16	15.12	-8.64	-2.16	-30.24	-4.32	12.96	-34.56	-23.76	45.36	-45.36	-49.68	-15.12	-17.28	-36.72	-71.28	-71.28	6.48	-56.16	-34.56	-6.48	-17.28	-2.16	-8.64	-28.08	-15.12	-34.56	-12.96
12/30/10	-23.76	2.16	-6.48	-2.16	4.32	-2.16	4.32	-8.64	15.12	28.08	25.92	17.28	43.20	49.68	45.36	131.76	99.36	17.28	25.92	41.04	0.00	17.28	12.96	-43.20	10.80	6.48	17.28	-45.36	-10.80	-8.64	-23.76	-38.88	-69.12	-32.40	-140.64	-15.12	-71.28	23.76	-49.68	-12.96	17.28	-56.00	30.24	-47.52	-21.60	23.76	-73.44	32.40

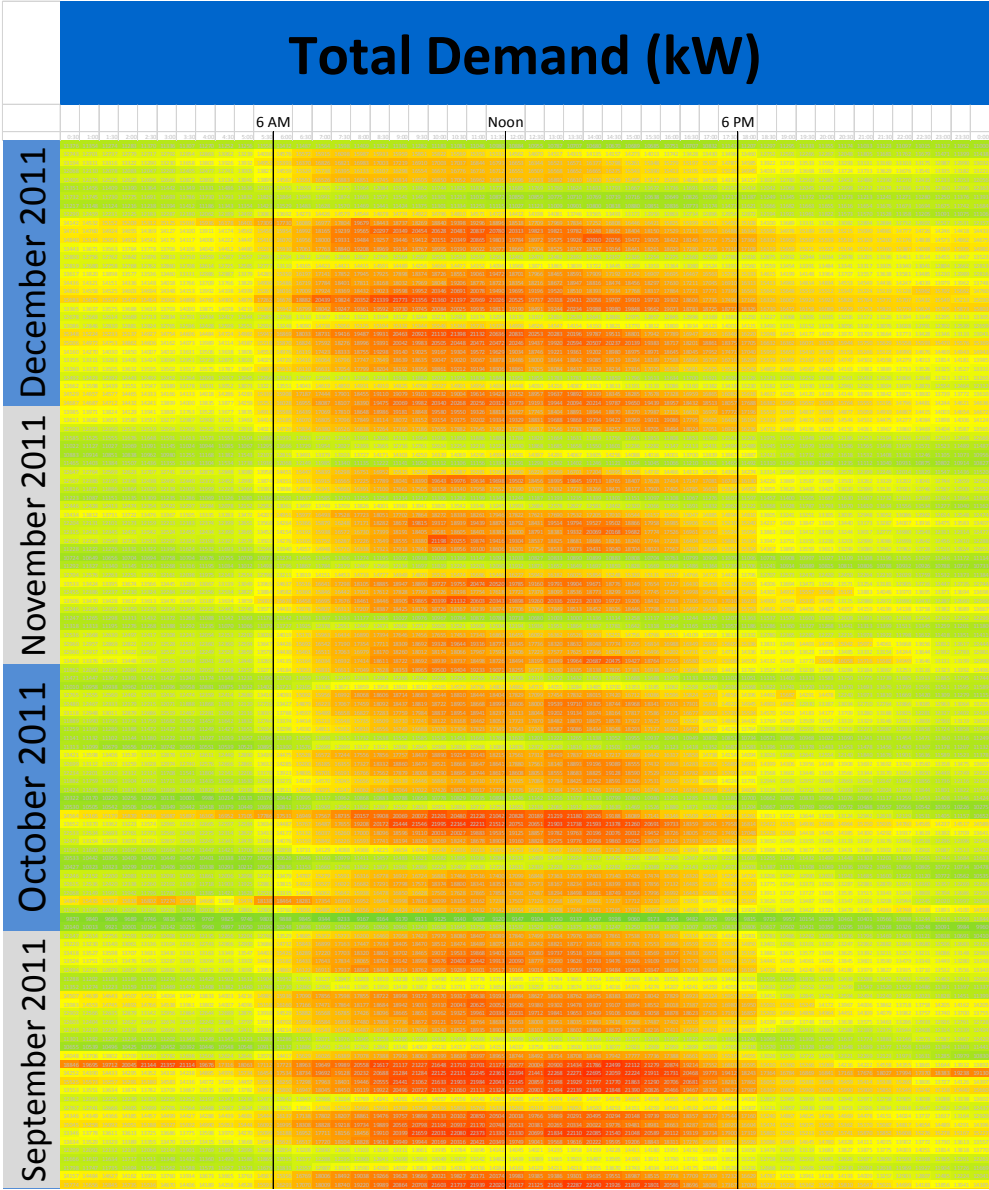
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		6 AM												Noon													6 PM					
4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00			
-18	5	302	-126	56	77	35	-189	-87	-21	-20	-99	-102	-35	-66	-96	71	-168	-80	-27	-11	20	-5	66	-44	125	309	66	90	-2			
200	177	791	546	996	344	183	-111	-54	26	-108	-29	-254	-216	-222	-569	108	-153	-203	-180	23	116	-260	-272	-314	2	66	-36	-708	-25			
123	6	1020	441	977	456	-5	162	20	216	-309	93	35	-194	-51	-140	-309	179	48	-194	-579	-537	87	-69	-83	-90	-320	-203	-663	-189			
264	264	822	732	770	410	657	-263	-26	191	257	119	104	-60	-5	-161	-42	59	84	14	-390	-732	-153	23	-308	-3	24	-182	-912	-96			
242	-93	858	668	984	975	357	-32	-107	69	-309	345	203	-90	-158	-209	-63	359	-282	-510	-351	-254	-378	-87	-206	-287	-206	-176	-1121	-257			
155	150	471	348	204	107	-390	-411	120	-110	-113	-119	81	-11	-44	-86	84	-9	-137	8	162	-126	5	65	-45	261	405	57	-372	26			
63	39	-3	35	80	48	-117	-272	-32	-30	-77	-164	-89	-201	-140	-23	9	-84	-65	59	-50	-3	-78	11	177	213	179	-30	62	96			
158	11	69	107	-47	146	-59	-101	-29	-17	-50	-74	33	-81	-138	-89	96	-114	-108	-101	18	62	-29	-15	-63	401	297	150	45	17			
128	303	591	609	581	153	153	-35	134	96	149	-126	14	-239	156	-315	-215	-117	-335	-182	-72	-321	-222	-87	-129	162	59	-83	-678	-273			
242	224	908	422	-1641	888	827	1875	-1236	294	-468	572	558	-102	-401	-378	-809	260	-135	-582	-444	-362	-26	-596	-426	-89	140	-342	-1008	-411			
263	389	896	497	1038	1173	1074	326	732	53	105	174	-147	356	-57	-467	-491	-2	-39	-534	-587	-258	-254	-621	-419	-158	-465	-144	-762	-605			
216	225	969	654	887	1044	1331	153	-227	189	-35	740	198	516	-1062	-20	-812	603	351	984	-654	-785	-467	-584	-276	-629	3	-155	-1034	-383			
371	68	758	693	1131	702	1077	368	-239	165	-368	228	195	-168	56	-417	-756	621	222	0	417	-723	-180	-233	-749	-45	83	-210	-989	-461			
-72	-30	36	111	108	125	-78	-32	-32	-231	33	-47	-32	78	-36	-101	9	12	-90	-66	32	-32	-72	21	86	149	272	36	59	57			
111	-140	192	333	1055	258	-2	-6	176	-102	-233	408	-192	-120	-257	-128	-98	-6	-26	-117	-278	-156	65	11	-284	444	-134	170	-2	-105			
2	392	906	1065	848	944	711	93	-20	-27	476	353	-176	510	411	-771	-735	500	126	-683	-717	-50	-236	-212	-228	96	-828	-402	-719	-416			
57	63	1077	581	1233	1065	617	-590	357	-137	-63	80	1158	-431	-53	-369	-138	456	275	-131	-342	-18	-159	-668	-419	-167	-135	-597	-900	-450			
206	201	869	749	993	915	446	63	591	575	354	395	345	-614	-588	206	-500	324	-1010	-117	-459	-167	549	-453	-143	50	-372	-836	-921	6			
137	74	2288	-587	2207	1557	-615	528	987	434	-417	5	-164	-228	57	-501	-788	581	93	-353	-351	212	-209	-408	-696	-872	-239	-332	-839	-260			
207	141	1142	582	857	1244	1205	114	231	138	15	339	-59	-90	-125	-621	-699	753	990	-246	-8	-132	-186	-590	-290	-59	47	-446	-1596	-258			
-17	-74	242	183	342	257	-15	-131	-27	-68	117	27	-348	452	-75	-129	-63	-291	-287	111	240	95	-119	-12	152	173	215	-134	-23	-159			
171	-48	375	323	842	648	318	69	69	138	12	203	-198	383	-356	-377	-473	21	-393	-5	-329	-51	42	-12	134	189	-122	114	-626	-159			
240	258	965	923	1164	698	686	71	444	533	458	189	288	-266	-497	195	-578	30	-87	-410	-276	-710	-860	-153	-842	-533	-69	-126	-1172	-576			
125	273	831	653	954	768	684	720	395	651	-59	522	-57	23	2	-227	-809	483	674	-87	-270	-98	-756	-666	-516	660	-486	-671	-1073	-270			
132	168	747	423	1143	1304	911	422	543	-158	-116	143	137	269	57	-596	-288	476	140	-159	-222	-5	-5	-326	-600	-93	-482	-431	-1082	-306			
147	149	1002	695	696	648	732	951	-98	990	-5	413	-27	47	-189	-392	-486	644	198	243	-566	-236	-95	-602	-722	-69	-81	-428	-711	-213			
212	180	930	714	500	521	423	746	405	-12	164	506	351	-18	-288	-45	-1037	260	353	-108	-95	-419	-737	-770	-629	-6	-153	18	-734	-126			
-77	29	221	57	185	87	-122	-117	-123	-302	-50	135	-42	-141	12	105	-96	-72	-2	74	5	-63	-183	21	66	221	105	101	-3	80			
21	21	149	330	492	576	231	81	-21	-86	-27	230	-126	53	-318	-188	-419	186	-129	-174	-300	-422	-59	-47	74	222	36	-188	-48	59			

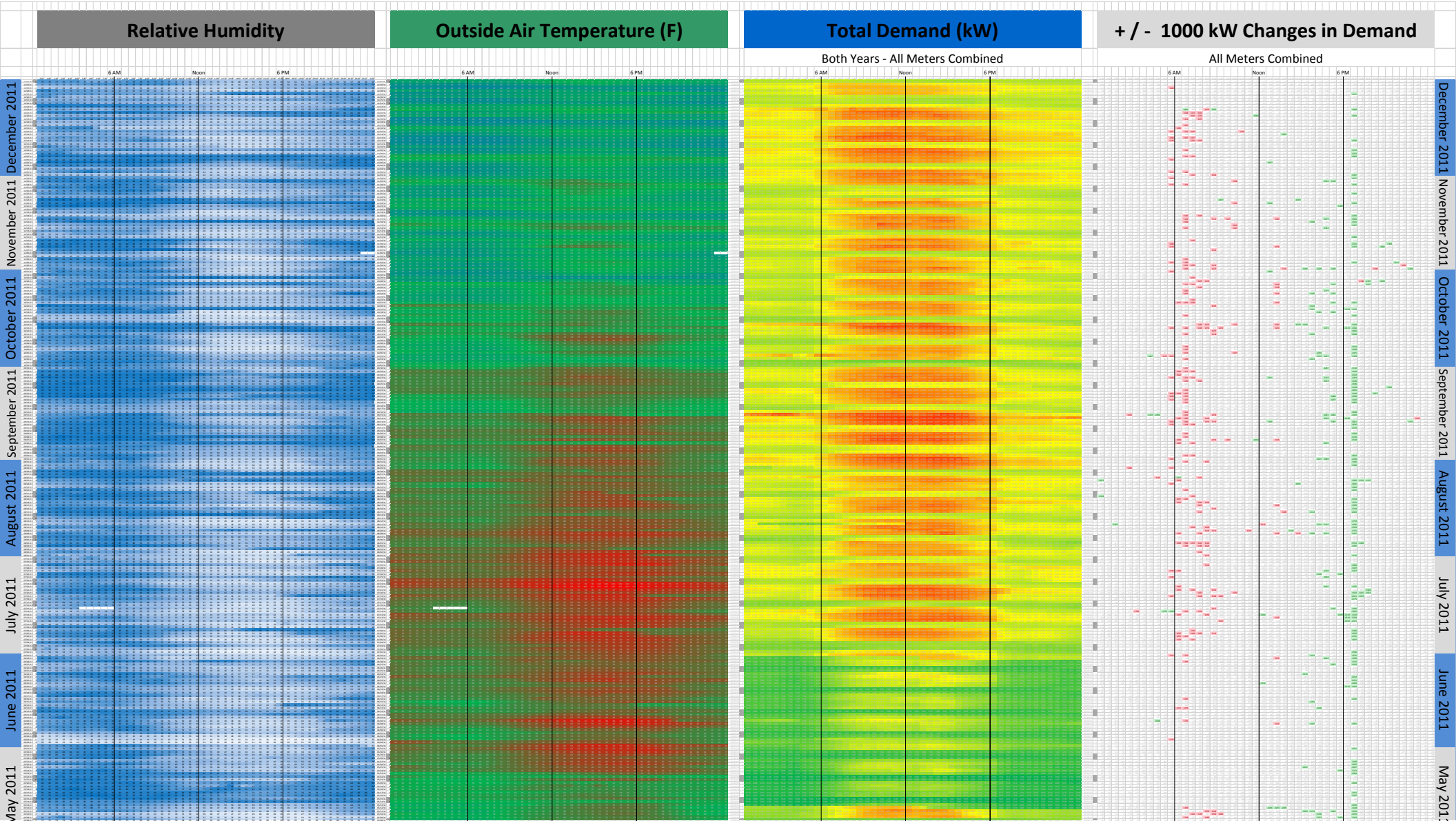
+ / - 1000 kW Changes in Demand

The image displays a detailed calendar for the year 2011, organized into three vertical columns representing different times of day: 6 AM, Noon, and 6 PM. Each column contains a grid of dates and associated numerical values. The values are often color-coded, with green indicating positive values, red indicating negative values, and blue indicating zero or specific markers. The calendar spans from September 2011 at the bottom to December 2011 at the top. The layout is complex, with many cells containing multiple numbers and some cells being highlighted in different colors.



September 2011 October 2011 November 2011 December 2011

[illegible][illegible]



May 2011 June 2011 July 2011 August 2011 September 2011 October 2011 November 2011 December 2011

May 2011 June 2011 July 2011 August 2011 September 2011 October 2011 November 2011 December 2011