Victorian Daylight Savings Times 1983 to 1999

	From	MW potential for a cleaner generation mix		To	MW potential for a cleaner generation mix
Sunday	30/10/83	n/a	Sunday	4/03/84	53.2
Sunday	28/10/84	72.6	Sunday	3/03/85	93.4
Sunday	27/10/85	143.4	Sunday	2/03/86	84.8
Sunday	19/10/86	396.6	Sunday	15/03/87	193.5
Sunday	25/10/87	84.0	Sunday	20/03/88	176.6
Sunday	30/10/88	-59.5	Sunday	19/03/89	116.0
Sunday	29/10/89	157.0	Sunday	18/03/90	152.5
Sunday	28/10/90	-10.4	Sunday	17/03/91	88.5
Sunday	27/10/91	90.0	Sunday	1/03/92	195.4
Sunday	25/10/92	69.0	Sunday	7/03/93	156.8
Sunday	31/10/93	84.5	Sunday	6/03/94	133.2
Sunday	30/10/94	123.0	Sunday	26/03/95	99.2
Sunday	29/10/95	146.2	Sunday	31/03/96	-25.9
Sunday	27/10/96	220.6	Sunday	30/03/97	74.5
Sunday	26/10/97	80.4	Sunday	29/03/98	56.0
Sunday	25/10/98	172.4	Sunday	28/03/99	n/a
Sunday	31/10/99	n/a	Sunday	26/03/00	n/a

The conclusion of this data is that the abolition of Daylight Savings has the potential to make baseload generation less sensible than cleaner intermediate and peaking plant in the generation mix for at least six months of the year.

Why does Daylight Savings flatten the daily load profile in NEM? Two reasons are postulated:
1. Street lights turning off earlier in the summer months, and
2. cold tap water is 10 degrees Celcius warmer in summer, so the storage electric hot water systems also switch off earlier in the summer.

The industry responds to these "threats" to baseload demand by asking us to get out of bed and cook breakfast one hour earlier than normal clocks would have us do.

In addition to abolition of Daylight Savings, other public energy policy initiatives that should be fast tracked to seriously address the global warming problem include:
1.The immediate imposition of a carbon tax on cheap off-peak electricity tariffs;
2. Mandatory solar water heaters: one for every domestic residence in Australia;
3. The reduction of off-peak voltages to the new
AS 60038 Voltage Standard (230 volts)
4. Abolition of all forms of government subsidy to the Australian coal industry until such time as the total dollar support for renewable energy options matches the amount already spent on coal and other fossil fuels, in the form of public subsidies, since 1945

Subsequent pages/worksheets detail actual Victorian system demand data from SECV and VPX official sources. They conclusively demonstrate that warm weather and lifestyle changes do indeed reduce electricity consumption in the warmer months. But when combined with Daylight Savings it comes at the cost of a flatter load profile for six months every year, and this must inevitably play into the hands of baseload generation technologies at the expense of cleaner intermediate and peaking generation plant.

1984 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	27/02/84	2319	0500	3226	0.718847	?hot weath	907
	Tuesday	28/02/84	2360	0500	3036	0.777339		676
DST	Wednesda	29/02/84	2429	0600	3065	0.792496		636
	Thursday	1/03/84	2415	0500	3093	0.780795		678
	Friday	2/03/84	2439	0600	3076	0.792913		637
	Sunday	4/03/84	changeover day					
	Monday	5/03/84	2253	0500	3040	0.741118		787
	Tuesday	6/03/84	2410	0500	3281	0.734532		871
no-DST	Wednesda	7/03/84	2411	0500	3175	0.75937		764
	Thursday	8/03/84	2376	0500	3129	0.759348		753
	Friday	9/03/84	2423	0500	3048	0.794948		625

53.2

This saving in the need for baseload power in March 1984
is a potential 53 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	22/10/84	2443	0500	3131	0.780262		688
	Tuesday	23/10/84	2427	0600	3116	0.778883		689
no-DST	Wednesda	24/10/84	2320	0500	3087	0.751539		767
	Thursday	25/10/84	2350	0500	3104	0.757088		754
	Friday	26/10/84	2405	0600	3065	0.784666		660
	Sunday	28/10/84	changeover day					
	Monday	29/10/84	2436	0500	3188	0.764115		752
	Tuesday	30/10/84	2580	0500	3172	0.813367		592
DST	Wednesda	31/10/84	2551	0600	3129	0.815276		578
	Thursday	1/11/84	2465	0500	3121	0.789811		656
	Friday	2/11/84	2436	0500	3053	0.797904		617

72.6

This saving in the need for baseload power in October 1984
is a potential 73 MW market for cleaner hydroelectricity, gas
cogeneration or biodiesel power
Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1985 megawatt difference between average daily demand and minimum daily demand before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	25/02/85	2349	0500	3082	0.762167		733
	Tuesday	26/02/85	2408	0500	3119	0.772042		711
DST	Wednesda	27/02/85	2463	0500	3214	0.766335		751
	Thursday	28/02/85	2462	0500	3146	0.782581		684
	Friday	1/03/85	2499	0500	3152	0.79283		653
	Sunday	3/03/85	changeover day					
	Monday	4/03/85	2279	0500	3112	0.732326		833
	Tuesday	5/03/85	2455	0500	3286	0.747109		831
no-DST	Wednesda	6/03/85	2444	0500	3215	0.760187		771
	Thursday	7/03/85	2376	0500	3183	0.746466		807
	Friday	8/03/85	2423	0500	3180	0.76195		757

93.4

This saving in the need for baseload power in March 1985
is a potential 93.4 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	21/10/85	2543	0500	3298	0.771073		755
	Tuesday	22/10/85	2534	0500	3287	0.770916		753
no-DST	Wednesda	23/10/85	2485	0500	3489	0.712238		1004
	Thursday	24/10/85	2584	0500	3445	0.750073		861
	Friday	25/10/85	2579	0500	3334	0.773545		755
	Sunday	27/10/85	changeover day					
	Monday	28/10/85	2435	0500	3141	0.775231		706
	Tuesday	29/10/85	2494	0500	3207	0.777674		713
DST	Wednesda	30/10/85	2482	0500	3230	0.768421		748
	Thursday	31/10/85	2595	0500	3280	0.791159		685
	Friday	1/11/85	2578	0500	3137	0.821804		559

143.4

This four per cent saving in the need for baseload power in October 1985
is a potential 143 MW market for cleaner hydroelectricity, gas
cogeneration or biodiesel power
Just imagine the potential greenhouse savings if off-peak night-time distribution voltages were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1986 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	24/02/86	2488	0500	3228	0.770756	?hot weath	740
	Tuesday	25/02/86	2588	0500	3350	0.772537		762
DST	Wednesda	26/02/86	2589	0500	3345	0.773991		756
	Thursday	27/02/86	2540	0500	3375	0.752593		835
	Friday	28/02/86	2514	0500	3438	0.731239		924
	Sunday	2/03/86	changeover day					
	Monday	3/03/86	2383	0500	3197	0.745386		814
	Tuesday	4/03/86	2522	0500	3355	0.751714		833
no-DST	Wednesda	5/03/86	2532	0500	3379	0.749334		847
	Thursday	6/03/86	2571	0500	3691	0.696559		1120
	Friday	7/03/86	2677	0500	3504	0.763984		827

84.8

This saving in the need for baseload power in February/March 1986
is a potential 84.8 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	13/10/86	2433	0500	3298	0.73772		865
	Tuesday	14/10/86	2554	0500	3287	0.777		733
no-DST	Wednesda	15/10/86	2730	0500	3489	0.782459		759
	Thursday	16/10/86	2664	0500	3445	0.773295		781
	Friday	17/10/86	2700	0500	3334	0.809838		634
	Sunday	19/10/86	changeover day					
	Monday	20/10/86	2787	0500	3141	0.887297		354
	Tuesday	21/10/86	2900	0500	3207	0.904272		307
DST	Wednesda	22/10/86	2700	0500	3230	0.835913		530
	Thursday	23/10/86	2874	0500	3280	0.87622		406
	Friday	24/10/86	2945	0500	3137	0.938795		192

396.6

This saving in the need for baseload power in October 1986
is a potential 396.6 MW market for cleaner hydroelectricity, gas
cogeneration or biodiesel power
Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1987 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	9/03/87	2522	0600	2961	0.851739	Pub. Holida	439
	Tuesday	10/03/87	2778	0600	3499	0.793941		721
DST	Wednesda	11/03/87	2857	0500	3578	0.798491		721
	Thursday	12/03/87	2856	0500	3612	0.790698		756
	Friday	13/03/87	2905	0500	3625	0.801379		720
	Sunday	15/03/87	changeover day					
	Monday	16/03/87	2672	0500	3648	0.732456		976
	Tuesday	17/03/87	2790	0500	3810	0.732283	?hot day	1020
no-DST	Wednesda	18/03/87	2781	0500	3832	0.725731	?hot day	1051
	Thursday	19/03/87	2775	0500	3646	0.761108		871
	Friday	20/03/87	2781	0500	3606	0.771215		825

193.5

This saving in the need for baseload power in March 1987
is a potential 193.5 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	19/10/87	2894	0500	3778	0.766014		884
	Tuesday	20/10/87	2996	0500	3821	0.784088		825
no-DST	Wednesda	21/10/87	3013	0500	3814	0.789984		801
	Thursday	22/10/87	3035	0500	3839	0.79057		804
	Friday	23/10/87	3035	0500	3816	0.795335		781
	Sunday	25/10/87	changeover day					
	Monday	26/10/87	2964	0500	3729	0.794851		765
	Tuesday	27/10/87	3048	0500	3798	0.802528		750
DST	Wednesda	28/10/87	3041	0500	3758	0.809207		717
	Thursday	29/10/87	3040	0500	3779	0.804446		739
	Friday	30/10/87	3090	0500	3794	0.814444		704

84

This saving in the need for baseload power in October 1987
is a potential 84 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1988 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	14/03/88	2697	0500	3083	0.874797	Pub. Holid	386
	Tuesday	15/03/88	2947	0500	3774	0.780869		827
DST	Wednesda	16/03/88	3066	0500	3828	0.80094		762
	Thursday	17/03/88	3017	0500	3817	0.790411		800
	Friday	18/03/88	3021	0500	3840	0.786719		819
	Sunday	20/03/88	changeover day					
	Monday	21/03/88	2835	0500	3869	0.732747		1034
	Tuesday	22/03/88	2998	0500	3974	0.754404		976
no-DST	Wednesda	23/03/88	2949	0500	3933	0.749809		984
	Thursday	24/03/88	2985	0500	3930	0.759542		945
	Friday	25/03/88	2966	0500	3920	0.756633		954

176.6

This saving in the need for baseload power in March 1988
is a potential 176.6 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	24/10/88	3325	0500	4291	0.774878		966
	Tuesday	25/10/88	3527	0500	4310	0.818329		783
no-DST	Wednesda	26/10/88	3400	0500	4255	0.79906		855
	Thursday	27/10/88	3422	0500	4263	0.802721		841
	Friday	28/10/88	3435	0500	4194	0.819027		759
	Sunday	30/10/88	changeover day					
	Monday	31/10/88	3242	0500	3813	0.850249	"sickie"	571
	Tuesday	1/11/88	3229	0500	3581	0.901703	Melb Cup	352
DST	Wednesda	2/11/88	3368	0500	4406	0.764412		1038
	Thursday	3/11/88	3467	0500	4284	0.80929		817
	Friday	4/11/88	3414	0500	4260	0.801408		846

-59.5333333

The Melbourne Cup has a huge impact on electricity consumption patterns
and this data suggests a horse race can completely overwhelm
the small effect of Daylight Savings on baseload electricity consumption

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1989 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	13/03/89	3103	0500	3534	0.878042	Pub. Holida	431
	Tuesday	14/03/89	3340	0500	4247	0.786437		907
DST	Wednesda	15/03/89	3413	0500	4266	0.800047		853
	Thursday	16/03/89	3453	0500	4287	0.805458		834
	Friday	17/03/89	3475	0500	4250	0.817647		775
	Sunday	19/03/89	changeover day					
	Monday	20/03/89	3333	0500	4347	0.766736		1014
	Tuesday	21/03/89	3438	0500	4395	0.782253		957
no-DST	Wednesda	22/03/89	3382	0500	4382	0.771794		1000
	Thursday	23/03/89	3383	0500	4245	0.796938		862
	Friday	24/03/89	2971	0500	3427	0.866939	?Pub. Holi	456

116

This saving in the need for baseload power in March 1989
is a potential 116 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	23/10/89	3332	0500	4264	0.781426		932
	Tuesday	24/10/89	3519	0500	4329	0.81289		810
no-DST	Wednesda	25/10/89	3443	0500	4343	0.79277		900
	Thursday	26/10/89	3399	0500	4358	0.779945		959
	Friday	27/10/89	3503	0500	4597	0.762019		1094
	Sunday	29/10/89	changeover day					
	Monday	30/10/89	3411	0500	4315	0.790498		904
	Tuesday	31/10/89	3600	0500	4391	0.819859		791
DST	Wednesda	1/11/89	3591	0500	4390	0.817995		799
	Thursday	2/11/89	3552	0500	4306	0.824895		754
	Friday	3/11/89	3576	0500	4238	0.843794		662

157

This saving in the need for baseload power in October/November 1989
is a potential 157 MW market for cleaner hydroelectricity, gas
cogeneration or biodiesel power
Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1990 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	12/03/90	3115	0600	3523	0.88419	Pub. Holida	408
	Tuesday	13/03/90	3447	0500	4249	0.81125		802
DST	Wednesda	14/03/90	3536	0500	4384	0.806569		848
	Thursday	15/03/90	3566	0500	4398	0.810823		832
	Friday	16/03/90	3477	0500	4305	0.807666		828
	Sunday	18/03/90	changeover day					
	Monday	19/03/90	3290	0500	4288	0.767257		998
	Tuesday	20/03/90	3461	0500	4393	0.787844		932
no-DST	Wednesda	21/03/90	3489	0500	4425	0.788475		936
	Thursday	22/03/90	3500	0500	4480	0.78125		980
	Friday	23/03/90	3428	0500	4482	0.764837		1054

152.5

This saving in the need for baseload power in March 1990
is a potential 152.5 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	22/10/90	3627	0500	4605	0.787622	?very cold	978
	Tuesday	23/10/90	3680	0500	4574	0.804547	?very cold	894
no-DST	Wednesda	24/10/90	3570	0600	4374	0.816187		804
	Thursday	25/10/90	3494	0500	4440	0.786937		946
	Friday	26/10/90	3471	0500	4388	0.791021		917
	Sunday	28/10/90	changeover day					
	Monday	29/10/90	3389	0500	4515	0.750609		1126
	Tuesday	30/10/90	3533	0500	4408	0.801497		875
DST	Wednesda	31/10/90	3499	0500	4483	0.780504		984
	Thursday	1/11/90	3545	0500	4388	0.807885		843
	Friday	2/11/90	3561	0500	4324	0.823543		763

-10.4

This data does not support the idea of abolishing DST to reduce the need for baseload generators
Abnormal weather patterns over this period are suspected of influencing the result

But just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1991 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	11/03/91	3200	0500	3643	0.878397	Pub. Holid	443
	Tuesday	12/03/91	3383	0500	4270	0.792272		887
DST	Wednesda	13/03/91	3510	0500	4374	0.802469		864
	Thursday	14/03/91	3541	0500	4422	0.800769		881
	Friday	15/03/91	3536	0500	4386	0.806202		850
	Sunday	17/03/91	changeover day					
	Monday	18/03/91	3268	0500	4388	0.744758		1120
	Tuesday	19/03/91	3494	0500	4421	0.790319		927
no-DST	Wednesda	20/03/91	3498	0500	4420	0.791403		922
	Thursday	21/03/91	3548	0500	4459	0.795694		911
	Friday	22/03/91	3578	0500	4493	0.79635		915

88.5

This saving in the need for baseload power in March 1991
is a potential 88.5 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	21/10/91	3300	0500	4263	0.774103		963
	Tuesday	22/10/91	3464	0500	4339	0.798341		875
no-DST	Wednesda	23/10/91	3515	0500	4396	0.799591		881
	Thursday	24/10/91	3546	0500	4412	0.803717		866
	Friday	25/10/91	3578	0500	4368	0.819139		790
	Sunday	27/10/91	changeover day					
	Monday	28/10/91	3552	0500	4279	0.8301		727
	Tuesday	29/10/91	3585	0500	4346	0.824896		761
DST	Wednesda	30/10/91	3456	0500	4497	0.768512		1041
	Thursday	31/10/91	3634	0500	4373	0.831008		739
	Friday	1/11/91	3684	0500	4341	0.848652		657

90

This saving in the need for baseload power in October 1991
is a potential 90 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1992 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	24/02/92	3538	0500	4307	0.821453		769
	Tuesday	25/02/92	3619	0500	4372	0.827768		753
DST	Wednesda	26/02/92	3616	0500	4391	0.823503		775
	Thursday	27/02/92	3594	0500	4433	0.810738		839
	Friday	28/02/92	3618	0500	4529	0.798852		911
	Sunday	1/03/92	changeover day					
	Monday	2/03/92	3522	0500	4636	0.759707		1114
	Tuesday	3/03/92	3564	0500	4573	0.779357		1009
no-DST	Wednesda	4/03/92	3584	0500	4643	0.771915		1059
	Thursday	5/03/92	3674	0500	4634	0.792836		960
	Friday	6/03/92	3610	0500	4492	0.803651		882

195.4

This saving in the need for baseload power in February/March 1992
is a potential 195.4 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	19/10/92	3530	0500	4513	0.782185		983
	Tuesday	20/10/92	3734	0500	4751	0.78594	?cold snap	1017
no-DST	Wednesda	21/10/92	3848	0500	4623	0.83236	?cold snap	775
	Thursday	22/10/92	3817	0500	4575	0.834317		758
	Friday	23/10/92	3753	0500	4458	0.841857		705
	Sunday	25/10/92	changeover day					
	Monday	26/10/92	3736	0500	4404	0.84832		668
	Tuesday	27/10/92	3760	0500	4470	0.841163		710
DST	Wednesda	28/10/92	3696	0500	4548	0.812665		852
	Thursday	29/10/92	3709	0500	4586	0.808766		877
	Friday	30/10/92	3694	0500	4480	0.824554		786

69

This saving in the need for baseload power in October 1992
is a potential 69 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1993 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	1/03/93	3433	0600	4204	0.816603		771
	Tuesday	2/03/93	3582	0600	4423	0.809858		841
DST	Wednesda	3/03/93	3705	0600	4489	0.825351		784
	Thursday	4/03/93	3756	0500	4499	0.834852		743
	Friday	5/03/93	3722	0600	4450	0.836404		728
	Sunday	7/03/93	changeover day					
	Monday	8/03/93	3198	0500	3668	0.871865	Labor Day	470
	Tuesday	9/03/93	3376	0500	4399	0.767447		1023
no-DST	Wednesda	10/03/93	3572	0500	4523	0.789741		951
	Thursday	11/03/93	3594	0500	4478	0.80259		884
	Friday	12/03/93	3612	0500	4475	0.807151		863

156.85

This saving in the need for baseload power in March 1993
is a potential 156.8 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	25/10/93	3534	0500	4487	0.787609		953
	Tuesday	26/10/93	3697	0500	4595	0.80457		898
no-DST	Wednesda	27/10/93	3762	0500	4511	0.833961		749
	Thursday	28/10/93	3654	0600	4545	0.80396		891
	Friday	29/10/93	3658	0500	4441	0.823688		783
	Sunday	31/10/93	changeover day					
	Monday	1/11/93	3437	0600	4058	0.846969	"sickie"	621
	Tuesday	2/11/93	3305	0700	3852	0.857996	Melbourne	547
DST	Wednesda	3/11/93	3734	0600	4547	0.821201		813
	Thursday	4/11/93	3882	0600	4741	0.818815		859
	Friday	5/11/93	3927	0600	4566	0.860053		639

84.46666667

This saving in the need for baseload power in October/November 1993
is a potential 84.5 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

The Melbourne Cup horse race may cast some doubt on the October/November figures
because the period 1/11/93 to 5/11/93 is not a typical working week in Victoria, Australia
(data for 1/11 and 2/11 is excluded from the 84.46 calculation)
Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1994 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	28/02/94	3532	0500	4369	0.808423		837
	Tuesday	1/03/94	3716	0500	4474	0.830577		758
DST	Wednesda	2/03/94	3664	0500	4447	0.823926		783
	Thursday	3/03/94	3612	0500	4441	0.81333		829
	Friday	4/03/94	3682	0500	4416	0.833786		734
	Sunday	6/03/94	changeover day					
	Monday	7/03/94	3481	0500	4426	0.786489		945
	Tuesday	8/03/94	3626	0500	4528	0.800795		902
no-DST	Wednesda	9/03/94	3636	0500	4568	0.795972		932
	Thursday	10/03/94	3618	0500	4571	0.791512		953
	Friday	11/03/94	3582	0500	4457	0.80368		875

133.2

This saving in the need for baseload power in February/March 1994
is a potential 133.2 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	24/10/94	3504	0500	4490	0.780401		986
	Tuesday	25/10/94	3645	0500	4573	0.79707		928
no-DST	Wednesda	26/10/94	3669	0500	4547	0.806906		878
	Thursday	27/10/94	3648	0500	4495	0.811568		847
	Friday	28/10/94	3656	0500	4452	0.821204		796
	Sunday	30/10/94	changeover day					
	Monday	31/10/94	3498	0500	4049	0.863917	"sickie"	551
	Tuesday	1/11/94	3390	0500	3821	0.887202	Melbourne	431
DST	Wednesda	2/11/94	3724	0500	4511	0.825538		787
	Thursday	3/11/94	3827	0500	4657	0.821774		830
	Friday	4/11/94	3838	0500	4513	0.850432		675

123

This saving in the need for baseload power in October/November 1994
is a potential 123 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1995 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	20/03/95	3705	0500	4495	0.824249		790
	Tuesday	21/03/95	3806	0500	4613	0.82506		807
DST	Wednesda	22/03/95	3776	0500	4590	0.822658		814
	Thursday	23/03/95	3809	0500	4552	0.836775		743
	Friday	24/03/95	3685	0500	4521	0.815085		836
	Sunday	26/03/95	changeover day					
	Monday	27/03/95	3570	0500	4506	0.792277		936
	Tuesday	28/03/95	3690	0500	4592	0.803571		902
no-DST	Wednesda	29/03/95	3645	0500	4543	0.802333		898
	Thursday	30/03/95	3700	0500	4611	0.802429		911
	Friday	31/03/95	3770	0500	4609	0.817965		839

99.2

This saving in the need for baseload power in March 1995
is a potential 99 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	23/10/95	3730	0500	4742	0.786588		1012
	Tuesday	24/10/95	3840	0500	4743	0.809614		903
no-DST	Wednesda	25/10/95	3875	0500	4644	0.83441		769
	Thursday	26/10/95	3816	0500	4646	0.821352		830
	Friday	27/10/95	3833	0500	4595	0.834168		762
	Sunday	29/10/95	changeover day					
	Monday	30/10/95	3833	0500	4574	0.837997		741
	Tuesday	31/10/95	4012	0500	4616	0.869151		604
DST	Wednesda	1/11/95	3883	0500	4628	0.839023		745
	Thursday	2/11/95	3845	0500	4622	0.831891		777
	Friday	3/11/95	3847	0500	4525	0.850166		678

146.2

This saving in the need for baseload power in October/November 1995
is a potential 146 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1996 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	25/03/96	3676	0400	4783	0.768555		1107
	Tuesday	26/03/96	3882	0400	4765	0.81469		883
DST	Wednesda	27/03/96	3840	0400	4754	0.807741		914
	Thursday	28/03/96	3864	0400	4884	0.791155		1020
	Friday	29/03/96	3859	0400	4798	0.804293		939
	Sunday	31/03/96	changeover day					
	Monday	1/04/96	3611	0500	4638	0.778568		1027
	Tuesday	2/04/96	3759	0500	4747	0.791869		988
no-DST	Wednesda	3/04/96	3797	0500	4723	0.803938		926
	Thursday	4/04/96	3745	0500	4591	0.815726		846
	Friday	5/04/96	3364	0600	3672	0.916122	Good Frida	308

-25.85

No saving in the need for baseload power in March/April 1996
has been demonstrated here. It may be an atypical pre-Easter fortnight

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	21/10/96	3857	0500	4737	0.814228		880
	Tuesday	22/10/96	3940	0500	4752	0.829125		812
no-DST	Wednesda	23/10/96	3895	0500	4788	0.813492		893
	Thursday	24/10/96	3839	0500	4899	0.783629		1060
	Friday	25/10/96	3851	0500	4766	0.808015		915
	Sunday	27/10/96	changeover day					
	Monday	28/10/96	3965	0500	4671	0.848855		706
	Tuesday	29/10/96	4066	0400	4742	0.857444		676
DST	Wednesda	30/10/96	4022	0400	4726	0.851037		704
	Thursday	31/10/96	4105	0400	4779	0.858966		674
	Friday	1/11/96	4057	0500	4754	0.853387		697

220.6

This saving in the need for baseload power in October/November 1996
is a potential 220 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1997 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	24/03/97	3885	0500	4742	0.819275		857
	Tuesday	25/03/97	3996	0500	4825	0.828187		829
DST	Wednesda	26/03/97	3999	0500	4896	0.816789		897
	Thursday	27/03/97	4003	0500	4825	0.829637		822
	Friday	28/03/97	3537	0500	3801	0.930545	Good Frida	264
	Sunday	30/03/97	changeover day					
	Monday	31/03/97	3426	0500	3872	0.884814	Easter Mor	446
	Tuesday	1/04/97	3634	0500	4551	0.798506	?"sickie"	917
no-DST	Wednesda	2/04/97	3856	0500	4835	0.797518		979
	Thursday	3/04/97	3904	0500	4824	0.809287		920
	Friday	4/04/97	3889	0500	4776	0.81428		887

74.5

This saving in the need for baseload power in March/April 1997
is a potential 74.5 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	20/10/97	4041	0500	5015	0.805783		974
	Tuesday	21/10/97	4214	0500	5042	0.835779		828
no-DST	Wednesda	22/10/97	4150	0500	4968	0.835346		818
	Thursday	23/10/97	4150	0500	4953	0.837876		803
	Friday	24/10/97	4125	0500	4965	0.830816		840
	Sunday	26/10/97	changeover day					
	Monday	27/10/97	4056	0500	4859	0.83474		803
	Tuesday	28/10/97	4164	0500	4902	0.849449		738
DST	Wednesda	29/10/97	4006	0500	4597	0.871438		591
	Thursday	30/10/97	3981	0500	4886	0.814777		905
	Friday	31/10/97	4103	0500	4927	0.832758		824

80.4

This saving in the need for baseload power in October 1997
is a potential 80.4 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1998 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	23/03/98	4246	0500	5124	0.828649		878
	Tuesday	24/03/98	4321	0500	5052	0.855305		731
DST	Wednesda	25/03/98	4347	0500	4997	0.869922		650
	Thursday	26/03/98	4348	0500	5060	0.859289		712
	Friday	27/03/98	4319	0500	4989	0.865705		670
	Sunday	29/03/98	changeover day					
	Monday	30/03/98	4067	0500	4910	0.82831		843
	Tuesday	31/03/98	4190	0500	5021	0.834495		831
no-DST	Wednesda	1/04/98	4280	0500	5066	0.844848		786
	Thursday	2/04/98	4253	0500	5003	0.85009		750
	Friday	3/04/98	4259	0500	4970	0.856942		711

56

This saving in the need for baseload power in March/April 1998
is a potential 56 MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	19/10/98	4082	0500	5175	0.788792		1093
	Tuesday	20/10/98	4383	0500	5392	0.812871		1009
no-DST	Wednesda	21/10/98	4347	0500	5300	0.820189		953
	Thursday	22/10/98	4342	0500	5242	0.82831		900
	Friday	23/10/98	4325	0500	5176	0.835587		851
	Sunday	25/10/98	changeover day					
	Monday	26/10/98	4158	0400	5114	0.813062		956
	Tuesday	27/10/98	4477	0400	5389	0.830766		912
DST	Wednesda	28/10/98	4638	0400	5344	0.867889		706
	Thursday	29/10/98	4575	0400	5223	0.875933		648
	Friday	30/10/98	4381	0400	5103	0.858515		722

172.4

This saving in the need for baseload power in October 1998
is a potential 172.4 MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

1999 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	22/03/99		0500		#DIV/0!		0
	Tuesday	23/03/99		0500		#DIV/0!		0
DST	Wednesda	24/03/99		0500		#DIV/0!		0
	Thursday	25/03/99		0500		#DIV/0!		0
	Friday	26/03/99		0500		#DIV/0!		0
	Sunday	28/03/99	changeover day					
	Monday	29/03/99		0500		#DIV/0!		0
	Tuesday	30/03/99		0500		#DIV/0!		0
no-DST	Wednesda	31/03/99		0500		#DIV/0!		0
	Thursday	1/04/99		0500		#DIV/0!		0
	Friday	2/04/99		0500		#DIV/0!		0

0

This saving in the need for baseload power in March/April 1999
is a potential ??? MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Monday	25/10/99		0500		#DIV/0!		0
	Tuesday	26/10/99		0500		#DIV/0!		0
no-DST	Wednesda	27/10/99		0500		#DIV/0!		0
	Thursday	28/10/99		0500		#DIV/0!		0
	Friday	29/10/99		0500		#DIV/0!		0
	Sunday	31/10/99	changeover day					
	Monday	1/11/99		0500		#DIV/0!		0
	Tuesday	2/11/99		0500		#DIV/0!		0
DST	Wednesda	3/11/99		0500		#DIV/0!		0
	Thursday	4/11/99		0500		#DIV/0!		0
	Friday	5/11/99		0500		#DIV/0!		0

0

This saving in the need for baseload power in October 1999
is a potential ??? MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy

2000 megawatt difference between average daily demand and minimum daily demand
before and after the Daylight Savings Time transition weekend

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Sunday	26/03/00		0500		#DIV/0!		0
	Monday	27/03/00		0500		#DIV/0!		0
DST	Tuesday	28/03/00		0500		#DIV/0!		0
	Wednesda	29/03/00		0500		#DIV/0!		0
	Thursday	30/03/00		0500		#DIV/0!		0
	Sunday	2/04/00	changeover day					
	Monday	3/04/00		0500		#DIV/0!		0
	Tuesday	4/04/00		0500		#DIV/0!		0
no-DST	Wednesda	5/04/00		0500		#DIV/0!		0
	Thursday	6/04/00		0500		#DIV/0!		0
	Friday	7/04/00		0500		#DIV/0!		0

0

This saving in the need for baseload power in February/March 2000
is a potential ??? MW market for cleaner biodiesel, hydroelectricity or cogeneration.

	Day	date	min. MW	at time (EA	av. MW	min/av ratio	comments	difference
	Saturday			0500		#DIV/0!		0
	Saturday			0500		#DIV/0!		0
no-DST	Saturday			0500		#DIV/0!		0
	Saturday			0500		#DIV/0!		0
	Saturday			0500		#DIV/0!		0
	Saturday		changeover day					
	Saturday			0500		#DIV/0!		0
	Saturday			0500		#DIV/0!		0
DST	Saturday			0500		#DIV/0!		0
	Saturday			0500		#DIV/0!		0
	Saturday			0500		#DIV/0!		0

0

This saving in the need for baseload power in October 2000
is a potential ??? MW market for cleaner hydroelectricity, gas cogeneration or biodiesel power

Just imagine the potential greenhouse savings if off-peak night-time distribution voltages
were forced by regulation down to an average 230 volts at your meter box !!
see http://www.voltscommissar.net/#savvy