

Appendix A - Electricity Demand Forecast

Table A.1 - Monthly Energy Forecast (by Load Forecast Area) and System Peak Demand (Normal Weather)

	Northwest	Northeast	Central-East	South-Central	Niagara	Southwest	Total	System Peak Demand ¹	One Standard Deviation ¹
	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(MW)	(MW)
Jan-00	752	1,074	7,155	2,686	573	1,402	13,641	22563	898
Feb-00	694	998	6,649	2,496	532	1,303	12,672	22095	762
Mar-00	704	1,019	6,787	2,548	543	1,330	12,931	21173	768
Apr-00	659	974	5,742	2,426	487	1,286	11,574	19913	645
May-00	638	973	5,736	2,424	486	1,284	11,540	18567	427
Jun-00	625	741	6,128	2,376	502	1,252	11,624	20301	1353
Jul-00	645	801	6,620	2,567	543	1,352	12,527	21604	1153
Aug-00	655	785	6,490	2,517	532	1,326	12,305	20965	1122
Sep-00	631	718	5,932	2,300	486	1,212	11,279	20328	1264
Oct-00	672	1,005	5,926	2,504	502	1,327	11,935	19606	519
Nov-00	699	1,042	6,148	2,598	521	1,377	12,385	21429	557
Dec-00	738	1,039	6,926	2,600	554	1,357	13,215	22557	838
Jan-01	750	1,078	7,276	2,720	580	1,418	13,822	22633	992
Feb-01	670	962	6,489	2,426	517	1,265	12,329	22334	767
Mar-01	703	1,017	6,860	2,564	547	1,337	13,029	21416	745
Apr-01	659	979	5,843	2,460	493	1,302	11,736	20184	619
May-01	638	974	5,809	2,445	491	1,294	11,651	18800	409
Jun-01	625	739	6,174	2,386	504	1,255	11,684	20577	1402
Jul-01	646	804	6,723	2,598	549	1,367	12,688	21761	1205
Aug-01	656	787	6,580	2,543	538	1,338	12,441	21212	1129
Sep-01	631	716	5,988	2,314	489	1,217	11,357	20588	1250
Oct-01	672	1,012	6,037	2,541	510	1,345	12,115	19745	515
Nov-01	699	1,040	6,205	2,612	524	1,382	12,462	21528	524
Dec-01	739	1,037	6,996	2,615	557	1,364	13,308	22717	818
Jan-02	750	1,078	7,350	2,740	584	1,427	13,930	22841	987
Feb-02	670	962	6,557	2,444	521	1,273	12,427	22556	809
Mar-02	703	1,009	6,882	2,565	547	1,336	13,043	21635	745
Apr-02	660	988	5,961	2,502	502	1,323	11,935	19850	629
May-02	639	974	5,879	2,467	495	1,304	11,758	19007	458
Jun-02	627	737	6,230	2,400	507	1,261	11,763	20888	1373
Jul-02	649	809	6,837	2,634	556	1,383	12,868	22088	1208
Aug-02	658	786	6,645	2,560	541	1,344	12,533	21627	1206
Sep-02	633	719	6,078	2,342	495	1,230	11,497	20864	1241
Oct-02	673	1,008	6,082	2,553	512	1,349	12,176	19882	524
Nov-02	700	1,037	6,257	2,626	527	1,388	12,534	21660	525
Dec-02	739	1,040	7,088	2,642	563	1,376	13,449	22835	825
Jan-03	751	1,077	7,427	2,759	588	1,435	14,036	23056	928
Feb-03	670	961	6,627	2,462	525	1,280	12,526	22703	780
Mar-03	703	1,014	6,989	2,596	553	1,350	13,205	21839	737
Apr-03	661	985	6,005	2,511	504	1,326	11,991	20298	610
May-03	640	973	5,934	2,482	498	1,310	11,837	19154	482
Jun-03	629	741	6,328	2,431	513	1,276	11,918	21001	1397
Jul-03	651	811	6,926	2,660	562	1,396	13,007	22314	1267
Aug-03	659	785	6,710	2,577	544	1,353	12,629	21780	1139
Sep-03	635	723	6,175	2,372	501	1,245	11,649	20138	1165
Oct-03	674	1,009	6,153	2,573	516	1,358	12,284	20023	516
Nov-03	701	1,034	6,306	2,637	529	1,392	12,600	22049	562
Dec-03	740	1,043	7,190	2,671	569	1,389	13,603	23007	790
Jan-04	751	1,074	7,485	2,771	590	1,440	14,112	23206	932

	Northwest	Northeast	Central-East	South-Central	Niagara	Southwest	Total	System Peak Demand ¹	One Standard Deviation ¹
	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(MW)	(MW)
Feb-04	695	992	6,913	2,560	545	1,330	13,035	22862	780
Mar-04	703	1,018	7,096	2,627	560	1,366	13,370	21686	749
Apr-04	661	983	6,059	2,527	506	1,333	12,071	20552	636
May-04	641	971	5,980	2,494	500	1,315	11,901	19307	558
Jun-04	631	746	6,450	2,468	521	1,294	12,109	21248	1429
Jul-04	654	810	7,003	2,679	566	1,405	13,117	22628	1273
Aug-04	661	788	6,809	2,605	550	1,366	12,779	22135	1169
Sep-04	636	722	6,241	2,388	504	1,252	11,743	20903	1284
Oct-04	675	1,005	6,193	2,583	518	1,362	12,336	20322	522
Nov-04	702	1,044	6,433	2,683	538	1,415	12,814	22186	576
Dec-04	741	1,042	7,260	2,688	573	1,397	13,701	23362	863
Jan-05	751	1,070	7,540	2,782	593	1,445	14,181	23340	859
Feb-05	670	961	6,768	2,498	532	1,297	12,726	22991	776
Mar-05	703	1,015	7,151	2,639	562	1,371	13,440	22024	747
Apr-05	662	988	6,163	2,561	513	1,348	12,235	20685	629
May-05	642	974	6,075	2,524	506	1,329	12,052	19569	514
Jun-05	633	747	6,517	2,486	525	1,301	12,208	21486	1438
Jul-05	656	809	7,065	2,695	569	1,411	13,205	22796	1234
Aug-05	662	794	6,929	2,643	558	1,383	12,970	21941	1136
Sep-05	638	724	6,321	2,411	509	1,262	11,864	21266	1323
Oct-05	676	1,004	6,260	2,601	521	1,370	12,433	20478	533
Nov-05	703	1,041	6,494	2,698	541	1,421	12,898	22302	545
Dec-05	742	1,039	7,316	2,700	575	1,402	13,774	23522	862
Jan-06	751	1,073	7,641	2,808	598	1,457	14,328	23532	849
Feb-06	670	960	6,843	2,515	536	1,305	12,828	23217	782
Mar-06	703	1,020	7,268	2,671	569	1,386	13,616	22230	746
Apr-06	663	980	6,175	2,559	512	1,346	12,235	21005	652
May-06	643	980	6,173	2,558	512	1,345	12,212	19652	444
Jun-06	635	747	6,598	2,508	530	1,312	12,330	21726	1523
Jul-06	659	811	7,162	2,722	575	1,424	13,352	23049	1335
Aug-06	664	795	7,017	2,667	563	1,395	13,100	22404	1252
Sep-06	639	722	6,376	2,423	512	1,268	11,940	21486	1331
Oct-06	678	1,008	6,352	2,632	527	1,384	12,582	20630	530
Nov-06	703	1,042	6,566	2,721	545	1,431	13,009	22460	545
Dec-06	743	1,036	7,378	2,712	578	1,407	13,852	23617	814
Jan-07	751	1,076	7,747	2,838	605	1,471	14,487	23740	994
Feb-07	670	960	6,915	2,533	540	1,313	12,931	23401	806
Mar-07	703	1,017	7,328	2,684	572	1,391	13,695	22496	763
Apr-07	664	983	6,269	2,588	518	1,359	12,381	21236	667
May-07	645	980	6,251	2,581	517	1,355	12,329	19897	496
Jun-07	637	746	6,661	2,525	533	1,319	12,421	21992	1561
Jul-07	661	815	7,276	2,758	582	1,440	13,532	23328	1357
Aug-07	666	795	7,102	2,692	568	1,406	13,228	22722	1314
Sep-07	641	720	6,426	2,436	514	1,272	12,008	21875	1394
Oct-07	679	1,017	6,482	2,676	536	1,406	12,795	20785	518
Nov-07	704	1,042	6,641	2,742	549	1,440	13,118	22634	530
Dec-07	744	1,036	7,459	2,732	582	1,416	13,969	23836	831
Jan-08	751	1,075	7,830	2,858	609	1,479	14,601	23904	963
Feb-08	695	994	7,240	2,643	563	1,368	13,502	23618	775
Mar-08	703	1,007	7,333	2,677	570	1,385	13,675	22755	737
Apr-08	664	992	6,389	2,631	526	1,380	12,582	21157	623
May-08	646	979	6,305	2,596	520	1,362	12,407	20001	404
Jun-08	638	749	6,758	2,552	539	1,331	12,568	22331	1510
Jul-08	664	821	7,404	2,796	590	1,459	13,733	23738	1408
Aug-08	667	793	7,151	2,700	570	1,409	13,290	23044	1288
Sep-08	642	725	6,542	2,470	522	1,289	12,190	21042	1190
Oct-08	680	1,015	6,538	2,692	539	1,412	12,876	20958	508

	Northwest	Northeast	Central-East	South-Central	Niagara	Southwest	Total	System Peak Demand ¹	One Standard Deviation ¹
	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(GWh)	(MW)	(MW)
Nov-08	705	1,038	6,686	2,753	551	1,444	13,176	23019	590
Dec-08	744	1,043	7,597	2,773	591	1,435	14,183	23978	804
Jan-09	751	1,071	7,889	2,872	611	1,485	14,678	24175	924
Feb-09	670	959	7,063	2,571	547	1,329	13,140	23807	770
Mar-09	703	1,016	7,486	2,725	580	1,409	13,919	22914	773
Apr-09	665	989	6,442	2,643	529	1,384	12,652	21398	650
May-09	647	975	6,354	2,607	522	1,366	12,470	20264	511
Jun-09	640	751	6,855	2,581	545	1,345	12,717	22506	1640
Jul-09	666	821	7,495	2,822	596	1,471	13,871	23929	1395
Aug-09	669	795	7,252	2,730	576	1,423	13,445	23438	1340
Sep-09	643	726	6,626	2,495	527	1,300	12,317	21899	1342
Oct-09	681	1,011	6,587	2,703	541	1,416	12,938	21159	494
Nov-09	706	1,039	6,769	2,777	556	1,455	13,302	23133	573
Dec-09	745	1,040	7,660	2,789	594	1,442	14,269	24192	857
Jan-10	751	1,066	7,944	2,882	614	1,489	14,747	24307	883
Feb-10	670	958	7,138	2,590	551	1,338	13,246	23793	778
Mar-10	703	1,020	7,595	2,756	587	1,424	14,084	22780	730
Apr-10	666	990	6,514	2,665	533	1,395	12,763	21576	651
May-10	648	977	6,433	2,632	526	1,377	12,594	20427	544
Jun-10	642	753	6,942	2,604	550	1,356	12,847	22713	1748
Jul-10	669	822	7,574	2,841	600	1,479	13,986	24164	1394
Aug-10	670	799	7,364	2,762	583	1,438	13,617	23726	1391
Sep-10	645	727	6,705	2,515	531	1,310	12,433	22232	1452
Oct-10	682	1,008	6,638	2,716	543	1,421	13,008	21442	523
Nov-10	707	1,044	6,870	2,811	562	1,471	13,465	23265	567
Dec-10	746	1,038	7,732	2,806	597	1,449	14,369	24415	840

Note 1: 20-Minute system peak and associated standard deviation is of weekly peak demand for each month