

Daily System Generation Summary on Saturday

Saturday, July 1, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,146 MW
Distillate	0 MW
Total TNB	2,146 MW
Total IPP	16,583 MW
Total Co-Gen	0 MW
Total System	22,731 MW

Generation Mix

Type	MWh	Percentage
Hydro	14,701	4.39 %
Gas	50,811	15.17 %
Total TNB	65,512	19.56 %
ST-Coal	190,747	56.96 %
LSS	6,006	1.79 %
Gas	72,593	21.68 %
Total IPP	269,346	80.43 %
Co-Gen	-165	-0.05 %
Total Co-Gen	-165	-0.05 %
Total Generation	334,693	99.94 %
PLTG	-207	-0.06 %
Interconnection	-207	-0.06 %
Net Energy	334,900	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	16,952 MW
TNB Generation	3,641 MW
IPP Generation	12,287 MW
Spinning Reserve	1,027 MW
Maximum Demand	15,944 MW
Net Energy	334,900 MWH
Load Factor	87.52 %

Fuel Cost

Total Cost:	76,663,191.83 RM
Cost per Unit	22.90 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	451
Hydro	451
Syncon	657
Thermal	598
Total	2,157

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Rainy	24

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	95
Total TNB	125
CBPS	45
EMPP	195
NPRI	142
PCGP	83
SPGP	210
Total IPP	675
Total Gas	800
Total Gas Required	800

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	14915	14214	13639	12999	12605	12426	12379	12190	11948	12830	13450	13902	13797	13708	14174	14420	14546	14571	14405	14715	15896	15882	15563	15459

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, July 5, 2023 9:03:15 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Saturday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
JMAH	U001	707	706	707	705	706	705	707	706	706	707	704	706	710	632	352	230	213	214	215	215	214	214	215	215	315	535	555	703	705	705	707	705	707	706	704	708	705	706	705	705	705	703	704	704	706	707	706	
JMAH	U002	707	702	705	706	704	707	706	706	709	706	704	702	707	702	706	704	705	701	703	706	703	705	711	710	708	705	705	705	699	702	705	703	704	704	701	708	705	710	701	710	706	700	705	701	705	706	700	705
JMHE	U001	978	978	976	975	850	850	850	849	822	801	800	800	801	800	799	801	801	801	798	845	883	878	878	880	881	879	875	879	897	927	929	931	925	931	928	929	928	928	933	973	974	969	972	974	971	974	973	969
JMHE	U002	500	496	502	499	498	499	500	499	502	502	500	500	503	498	499	500	501	498	500	500	500	499	500	500	499	497	499	498	500	502	502	498	506	497	500	498	500	500	503	498	503	498	500	499	498	502	498	
JMJG	U002	677	680	681	679	682	677	677	678	679	680	680	680	679	682	678	679	680	679	609	527	442	416	420	420	422	423	425	422	420	439	514	540	559	592	634	682	683	682	682	689	684	685	679	681	674	683	683	678
JMJG	U003	589	616	658	672	673	668	672	673	670	673	674	673	672	669	673	601	601	596	598	598	598	597	594	595	596	597	651	685	675	673	683	678	678	682	681	679	680	680	681	615	591	589	597	598	596	590	607	645
JMJG	U004	977	976	972	976	936	880	852	854	846	804	805	803	801	804	804	804	801	801	812	873	880	879	881	881	543	539	531	545	531	548	539	604	632	681	738	796	854	913	936	972	980	975	977	978	977	977	977	
JMJG	U005	977	981	981	982	906	849	851	848	841	796	798	803	798	800	803	801	804	799	798	837	881	881	880	880	878	882	880	879	904	935	931	933	931	931	927	933	931	930	979	983	979	980	978	982	980	978	980	
PKLG	U003	277	275	275	276	278	277	277	277	273	162	144	152	150	150	151	149	150	150	152	151	151	151	151	150	151	150	151	151	144	143	144	143	146	147	146	146	146	146	146	145	145	146	146	145	146	145	146	
PKLG	U005	468	445	342	263	263	271	269	270	269	269	267	268	268	268	270	269	269	268	269	268	268	268	269	269	269	269	270	269	269	269	268	268	288	366	458	469	466	465	467	470	461	467	465	469	466	468	465	
PKLG	U006	447	446	449	447	447	450	450	445	447	447	446	449	449	445	447	373	290	269	269	268	267	269	269	269	269	268	268	332	416	446	458	452	451	449	447	447	449	449	450	449	449	448	449	447	449	450		
TBIN	U001	211	213	210	210	208	209	211	210	212	211	210	210	212	211	209	210	211	211	212	210	210	210	211	212	211	210	210	210	210	211	210	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TBIN	U003	211	212	210	208	210	211	210	210	213	210	211	209	210	212	209	211	209	210	211	210	211	209	211	211	210	210	210	210	211	210	210	221	309	420	602	675	675	675	674	674	676	674	676	676	673	676		
TBIN	U004	980	980	980	980	980	850	850	850	850	850	850	850	850	850	800	800	800	800	800	880	880	880	880	880	880	880	880	880	930	930	930	930	930	930	930	930	930	980	980	980	980	980	980	980	980			
Total ST-Coal		8706	8706	8648	8578	8341	8103	8080	8076	8039	7817	7796	7803	7806	7805	7728	7328	7138	7017	6934	6948	7083	7056	7064	7072	7073	6834	7093	7144	7443	7598	7726	7754	7819	7718	7959	8269	8525	8654	8711	8827	8833	8819	8826	8826	8829	8828	8843	8875
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CBPS	BLK2	321	308	222	222	223	223	222	223	222	222	222	222	223	222	222	222	222	222	230	280	360	359	360	300	221	221	252	360	235	222	222	361	359	360	267	220	221	290	360	360	359	360	360	360	360	359	360	
EMPP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	193	195	193	194	193	237	374	375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EMPP	BLK2	714	701	708	656	614	609	451	402	402	428	411	407	403	408	391	394	420	635	711	710	710	711	693	683	689	677	709	684	686	709	710	704	710	699	711	702	711	708	718	711	716	709	710	707	710	710	700	
EMPP	BLK3	712	702	709	657	613	610	452	402	402	428	411	407	402	408	390	393	421	634	711	705	709	711	690	683	682	690	678	710	684	683	710	711	697	710	699	710	704	710	706	718	710	717	709	710	708	710	709	
GLGR	GT02	96	94	94	94	94	93	93	94	94	95	94	94	94	94	94	94	94	94	94	94	94	93	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	93	107	107	107	108	107	107	107			
GLGR	ST1C	42	42	41	41	41	43	41	41	41	41	40	40	41	42	41	40	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
NPRI	BLK1	521	508	404	327	332	332	332	322	323	330	331	324	322	329	311	317	332	332	446	526	528	524	521	515	517	520	511	526	514	517	472	488	517	524	500	523	511	524	460	527	529	527	526	528	524	529	527	
NPRI	BLK2	520	481	347	322	327	325	326	316	317	326	323	319	316	322	305	311	328	328	439	505	526	512	511	514	517	518	509	525	514	515	451	471	430	503	482	473	403	384	408	527	522	530	525	469	480	527	490	449
PCGP	PGRG	601	595	601	591	603	604	600	582	382	399	396	385	384	391	371	373	402	602	603	600	605	600	591	581	582	592	570	600	582	583	602	601	594	602	597	600	599	602	597	621	602	619	600	605	598	602	602	590
SPGP	BLK1	719	720	719	719	717	717	718	718	722	718	721	721	722	722	722	722	720	720	716	719	718	730	711	709	706	700	700	698	701	707	711	709	710	712	714	716	717	721	717	721	718	717	719	719	719	722		
SPGP	BLK2	719	719	720	719	725	723	723	710	710	724	719	717	709	717	698	701	725	723	723	722	721	719	714	707	709	710	695	712	693	697	713	716	709	717	716	719	717	716	715	720	713	728	721	729	722	722	723	722
TJGS	GT1A	168	138	140	138	136	139	137	137	138	140	135	137	138	132	131	139	135	137	136	135	232	234	234	135	134	131	141	139	143	135	134	231	232	192	134	234	232	232	232	231	231	231	232	231	232	235	235	
TJGS	ST1C	97	79	79	79	78	78	79	77	73	78	78	77	77	78	75	75	78	78	78	79	78	116	121	121	83	79	78	80	80	81	79	79	119	121	121	108	79	79	117	121	121	121	120	121	121	121	121	
TJGS	GT2B	183	161	160	161	161	160	161	161	161	161	161	161	161	161	161	161	161	161	161	160	220	222	222	160	160	160	160	160	160	160	160	220	220	220	160	161	160	210	223	223	223	222	223	223	222	223		

Daily MW Generation on Saturday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																										
KNYR	HY03	96	96	95	95	94	94	93	92	90	92	93	94	94	95	94	94	96	95	94	93	93	92	90	91	91	92	93	93	95	95	96	96	95	94	94	94	95	96	96	96										
KNYR	HY04	98	98	98	99	100	100	99	98	94	98	98	98	97	98	94	94	96	101	101	100	100	101	100	98	96	98	97	99	98	97	98	99	100	101	100	99	99	100	101	101	100	99								
LPJA	HY01	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10									
LPJA	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10										
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3										
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	17	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	23	20	21	-1	-1	-1	-1					
PGAU	HY02	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	11	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1								
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	30	0	0	0				
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	30	0	0	0				
SIHY	HY03	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	30	0	0	0				
SYPS	HY01	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	25	25					
SYPS	HY03	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	25	25					
SYPS	HY04	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	25	25					
TMGR	HY01	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1							
TMGR	HY02	61	66	89	64	89	89	46	44	44	46	47	45	45	47	41	43	47	89	89	81	89	89	46	43	44	56	85	89	44	44	89	89	88	88	80	88	88	89	79	86	87	87	87	87	87	88				
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	81	82	83	82	82	83	83	84	32			
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1						
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1						
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1						
UPIA	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7						
Total Hydro		679	504	527	503	528	528	483	477	467	481	482	480	476	498	482	509	530	461	460	451	458	458	414	405	400	420	439	473	422	401	452	453	628	809	706	536	534	451	606	923	1333	1345	1328	1258	1063	884	884	697		
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	8	12	13	17	16	11	23	19	17	16	13	11	11	12	10	9	7	8	5	6	1	0	0	0	0	0	0	0	0	0	0		
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	6	8	5	5	14	16	13	14	19	17	13	16	17	12	9	7	4	1	0	0	0	0	0	0	0	0	0	0	0		
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	6	12	29	26	21	33	13	26	31	25	10	19	18	9	12	10	7	3	1	0	0	0	0	0	0	0	0	0	0		
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	6	21	26	32	27	37	31	29	30	30	25	18	20	27	19	14	11	7	4	2	1	0	0	0	0	0	0	0	0	0	0		
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	13	12	17	18	19	16	34	39	37	39	29	19	14	23	13	9	8	4	1	0	0	0	0	0	0	0	0	0	0	0		
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	11	15	18	21	25	27	25	30	28	20	19	20	28	12	11	12	8	3	2	0	0	0	0	0	0	0	0	0	0	0		
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	6	19	18	19	7	27	31	22	26	24	15	35	21	17	16	12	9	1	1	0	0	0	0	0	0	0	0	0	0	0		
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	9	17	15	14	10	21	28	27	30	21	8	11	13	7	10	4	3	1	0	0	0	0	0	0	0	0	0	0		
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	12	13	23	28	35	40	30	47	38	28	12	8	9	19	21	11	10	7	7	4	3	0	0	0	0	0	0	0	0	0	0	0	
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	10	18	21	84	65	66	75	60	80	88	61	64	62	71	39	43	37	19	10	5	0	0	0	0	0	0	0	0	0	0	0	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	8	8	16	26	38	41	41	43	16	51	36	34	37	23	24	21	16	14	6	3	1	0	0	0	0	0	0	0	0	0	0	
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	7	15	23	27	19	18	6	16	29	25	22	20	14	14	15	12	6	4	1	0	0	0	0	0	0	0	0	0	0	0	
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	9	43	22	62	90	78	28	100	93	100	56	100	64	63	59	43	61	14	35	18	5	0	0	0	0	0	0	0	0	0	0	0	0
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	15	17	19	30	30	21	19	26	24	18	29	25	16	17	13	21	5	14	8	2	0	0	0	0	0	0	0	0	0	0	0	
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	7	7	11	14	17	19	21	23	21	26	29	28	18	15	24	23	17	8	4	0	0											

Daily MW Generation on Saturday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	19	94	176	236	394	492	638	853	834	812	914	849	789	797	796	687	655	572	473	353	239	194	113	35	5	0	0	0	0	0	0	0	0	0		
ESTL	ESTL	-15	-16	-15	-15	-12	-15	-16	-16	-13	-12	-12	-11	-12	-10	-12	-10	-12	-11	-13	-12	-11	-11	-11	-10	-11	-11	-10	-7	-4	-8	0	0	-12	-4	0	0	0	0	0	0	6	3	4	9	10			
KHTC	BLK1	-6	-7	-6	-4	-3	-5	-7	-7	-2	-5	-1	-1	1	4	5	4	2	0	-5	-5	-5	-3	-6	-7	-9	-15	-16	-18	-16	-18	-18	-21	-22	-16	-18	-14	-15	-16	-14	-10	-12	-14	-12	-9	-10	-11	-10	-13
PCUF	CUFG	4	4	0	3	1	2	1	2	2	2	3	3	3	2	2	4	2	2	4	1	3	2	3	3	3	4	3	2	3	2	3	3	3	2	2	2	2	3	2	2	4	3	3	19	18			
PCUF	CUFK	2	3	0	2	1	2	3	3	3	3	3	2	3	1	2	2	3	2	3	3	2	2	3	2	3	4	2	3	1	3	2	2	2	2	2	2	3	2	3	3	3	3	2	1				
PFTZ	PFTZ	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	3	3	4	4	4	5	5	5	7	7	7	7	7	7	7	7	7	7	8	7	8	7	8	7		
Total Co-Gen		-13	-14	-19	-12	-11	-14	-17	-16	-11	-11	-6	-5	-3	2	0	1	-2	-3	-9	-10	-7	-8	-12	-12	-11	-17	-17	-17	-16	-18	-20	-15	-15	-12	-5	-2	-16	-9	-3	2	0	-3	1	11	7	6	28	23
Total Gen		14902	14538	14194	13889	13616	13367	12975	12816	12576	12471	12413	12382	12365	12429	12208	11886	11941	12451	12802	13106	13423	13823	13946	13974	13774	13598	13723	13929	14179	14241	14401	14450	14552	14646	14601	14445	14408	14400	14748	15505	15885	15925	15868	15764	15564	15443	15445	15202
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-HVDC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-PLTG		-13	-23	-20	-14	-23	-28	-24	-24	-29	-16	-13	-13	-14	-15	18	-4	-7	-23	-28	-27	-27	8	44	23	-23	-27	15	-4	5	-22	-19	-25	6	1	30	2	3	-4	33	-6	-11	-19	-14	-30	1	-16	-14	18
Interconnection		-13	-23	-20	-14	-23	-28	-24	-24	-29	-16	-13	-13	-14	-15	18	-4	-7	-23	-28	-27	-27	8	44	23	-23	-27	15	-4	5	-22	-19	-25	6	1	30	2	3	-4	33	-6	-11	-19	-14	-30	1	-16	-14	18
System Total		14915	14561	14214	13903	13639	13395	12999	12840	12605	12487	12426	12395	12379	12444	12190	11890	11948	12474	12830	13133	13450	13815	13902	13951	13797	13625	13708	13933	14174	14263	14420	14475	14546	14645	14571	14443	14405	14404	14715	15511	15896	15944	15882	15794	15563	15459	15459	15184
SRev ST-Coal		354	355	328	317	504	573	562	562	567	578	583	585	577	584	659	769	815	826	799	829	915	842	835	834	834	831	653	626	525	570	553	530	671	520	445	574	500	381	324	208	222	236	229	229	216	217	202	170
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		325	513	817	1035	1097	1105	1426	1576	1774	1671	1714	1751	1769	1731	1857	1826	1674	1055	674	532	458	176	228	380	555	708	796	615	622	691	799	752	307	197	267	452	684	664	456	107	136	91	142	186	190	130	165	248
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	-1	0	0	0	0	-1	-1	-1	1	0	-1	0	0	-1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-1	0	1	0	0	0	0	0	0
Syncon		739	701	701	701	701	701	701	701	701	701	701	852	701	701	852	852	852	852	852	852	852	852	852	852	852	852	852	701	701	852	852	852	577	489	489	764	764	852	852	489	151	151	151	0	489	676	676	764
Hydro		163	113	90	114	89	89	134	140	150	136	135	137	140	269	285	407	386	355	356	365	358	358	402	411	416	396	377	494	545	415	364	363	463	370	473	368	370	365	436	532	560	548	565	786	492	334	334	433
S.Reserve Total		1668	1682	1936	2166	2391	2468	2823	2979	3191	3085	3132	3175	3338	3284	3502	3854	3726	3088	2682	2578	2583	2228	2317	2478	2657	2787	2678	2436	2393	2528	2568	2498	2018	1576	1674	2158	2318	2262	2068	1335	1069	1027	1087	1201	1387	1357	1377	1615