

Daily System Generation Summary on Saturday

Saturday, May 6, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,250 MW
Distillate	0 MW
Total TNB	2,250 MW
Total IPP	18,031 MW
Total Co-Gen	0 MW
Total System	23,563 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,839	3.75 %
Gas	34,672	9.39 %
Total TNB	48,511	13.14 %
ST-Coal	229,072	62.06 %
LSS	5,984	1.62 %
Gas	85,484	23.16 %
Total IPP	320,540	86.85 %
Co-Gen	503	0.14 %
Total Co-Gen	503	0.14 %
Total Generation	369,554	100.12 %
PLTG	456	0.12 %
EGAT	4	0.00 %
Interconnection	460	0.12 %
Net Energy	369,094	100.00 %

Maximum Demand Record

Date: 5/8/2023	19,191 MW
Date: 4/13/2023	407,278 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	18,424 MW
TNB Generation	3,112 MW
IPP Generation	14,030 MW
Spinning Reserve	1,259 MW
Maximum Demand	17,146 MW
Net Energy	369,094 MWH
Load Factor	89.69 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	609
Hydro	353
Syncon	605
Thermal	345
Total	1,912

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	87
Total TNB	117
CBPS	44
EMPP	268
NPRI	145
PCGP	83
SKSP	11
SPGP	119
Total IPP	669
Total Gas	786
Total Gas Required	786

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	16191	15588	15007	14422	14066	13669	13611	13304	13048	14145	14939	15431	15679	15552	15922	16218	16412	16287	15728	15849	17107	17123	16835	16664

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, May 9, 2023 9:49:31 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	704	706	706	706	706	705	704	705	708	704	706	706	704	602	539	402	406	407	403	408	405	405	584	708	698	703	707	706	707	703	705	706	706	706	707	706	703	705	704	705	706	704	706	707	705	705	705	707	
JMAH	U002	705	706	707	706	706	705	701	709	707	707	706	703	704	604	526	438	406	403	404	403	406	405	564	695	703	702	702	706	708	704	706	702	708	703	700	707	703	704	704	704	705	704	707	707	702	704	707	704	
JMHE	U001	975	976	972	973	977	974	972	901	901	899	901	899	892	851	850	848	850	850	851	849	932	929	933	930	959	971	975	977	976	973	978	975	977	978	976	978	974	981	973	980	974	975	980	977	976	975	976	977	
JMHE	U002	975	979	974	979	979	976	974	901	900	899	901	900	895	851	850	852	849	850	849	907	930	934	931	945	971	975	978	975	975	980	973	975	976	976	977	973	978	973	983	972	976	976	973	973	971	977	976		
JMJG	U002	673	677	674	673	678	674	675	677	676	673	674	677	674	677	677	672	676	674	674	674	676	678	675	677	679	672	673	612	562	547	564	637	680	669	674	673	680	672	674	675	675	671	677	674	676	670	678	669	
JMJG	U004	978	980	978	974	973	975	977	904	903	901	900	905	901	856	856	854	853	855	855	880	933	929	934	955	972	975	974	977	977	976	976	976	975	975	974	973	979	974	977	976	975	976	977	977	972	974	973		
JMJG	U005	978	975	976	977	975	976	978	891	899	900	900	902	900	846	848	847	849	849	849	900	932	931	930	980	980	979	977	979	977	0	0	0	0	0	195	226	291	329	351	392	409	472	545	697	734	883	986		
PKLG	U004	207	203	207	205	213	207	204	206	205	207	174	151	148	148	149	148	150	151	147	148	152	147	148	151	149	151	152	185	260	281	276	275	275	275	276	277	277	277	276	276	278	271	273	279	276	276			
PKLG	U005	466	466	468	466	464	470	470	466	464	457	370	356	358	293	269	268	269	269	269	268	266	269	269	269	267	269	269	269	269	297	382	466	468	468	468	468	468	470	469	467	469	479	471	472	471	470	466		
PKLG	U006	449	449	447	447	447	449	447	449	449	447	447	448	449	379	296	268	268	268	269	268	269	270	269	268	268	269	269	311	398	447	446	449	447	449	448	447	449	448	437	451	448	436	451	450	452	450	449		
TBIN	U001	700	700	702	698	701	699	699	701	701	700	697	698	699	696	699	699	702	701	698	698	698	700	698	700	697	703	701	701	702	699	697	699	698	699	698	698	699	696	700	697	697	699	700	699	697	701	698		
TBIN	U002	697	700	700	701	698	702	700	701	702	697	697	698	698	704	697	698	698	706	702	699	699	702	700	701	695	699	697	700	700	698	696	698	697	700	697	696	700	696	698	698	699	698	699	698	696	693	695	697	697
TBIN	U003	693	696	697	694	694	694	694	692	692	695	693	695	694	695	693	697	694	695	692	691	692	696	694	695	692	694	694	694	694	691	698	695	700	693	694	694	694	695	697	694	696	696	693	698	694	695	693	696	
TBIN	U004	983	982	982	982	983	984	983	904	904	903	903	904	903	852	854	852	852	852	852	852	909	932	931	932	973	981	982	984	984	982	981	983	984	983	982	982	981	983	983	983	983	984	983	983	984	983	982	984	
Total ST-Coal		10183	10195	10190	10181	10194	10190	10178	9807	9811	9789	9669	9642	9619	9054	8803	8544	8520	8529	8519	8510	8789	8929	9259	9519	9664	9732	9749	9699	9729	9853	9006	9148	9291	9272	9271	9472	9497	9577	9600	9632	9669	9681	9758	9828	9972	10005	10169	10255	
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	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	0	0	
CBPS	BLK2	221	222	221	222	222	221	221	221	221	222	222	221	221	222	222	222	222	222	361	360	361	262	221	221	276	356	313	222	222	358	359	358	308	221	221	222	277	360	359	359	359	360	360	360	222	222			
EMPP	BLK1	411	411	409	410	410	407	383	408	404	358	365	366	366	410	411	404	411	409	421	702	704	709	709	706	674	669	440	551	451	696	692	710	709	715	710	710	709	715	710	720	709	707	689	699	691	701	666	515	
EMPP	BLK2	421	412	409	410	410	406	383	407	403	358	365	367	366	415	445	404	413	443	711	707	708	709	706	710	673	669	448	668	709	696	693	709	709	716	711	709	706	715	709	719	709	710	689	700	691	701	704	711	
EMPP	BLK3	670	486	410	410	409	406	383	408	404	359	365	367	366	711	708	686	627	710	711	709	707	708	704	710	674	669	711	708	710	696	691	709	709	715	711	708	708	714	709	720	709	710	689	698	691	702	703	712	
GLGR	GT02	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94			
GLGR	ST1C	42	42	42	42	42	42	42	43	42	42	42	42	42	42	42	42	42	41	41	42	42	42	41	41	42	42	41	41	42	41	42	41	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
NPRI	BLK1	503	471	363	323	327	318	300	320	315	310	316	314	313	325	325	318	334	513	513	511	509	511	505	510	493	489	510	514	511	505	506	509	512	514	517	514	517	521	519	521	521	515	514	518	512	514	520	519	
NPRI	BLK2	513	526	403	331	334	324	305	326	322	315	322	322	320	333	331	332	343	519	533	526	446	527	325	491	504	499	530	532	530	517	496	529	527	530	529	529	532	530	529	536	530	528	518	519	514	517	521	530	
PCGP	PGRG	592	603	596	497	449	384	370	389	383	378	379	382	384	604	600	585	603	603	604	601	597	602	594	602	568	558	601	605	603	598	601	604	603	613	600	599	602	606	603	616	602	600	594	595	586	588	597	601	
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	77	143	175	337	332	220	218	218	218	219	217
SPGP	BLK1	715	714	713	664	675	488	401	401	403	362	360	361	444	704	710	713	711	711	711	710	708	717	710	704	703	703	700	696	698	696	696	695	696	697	697	701	703	704	704	707	709	711	710	712	716	716	715		
SPGP	BLK2	694	700	698	699	524	508	514	513	443	445	369	371	370	70	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT1A	127	125	125	126	126	124	124	126	126	120	120	126	126	128	128	123	123	128	128	128	128	125	125	120	120	119	119	126	126	126	229	223	223	225	225	122	122	122	122	230	230	225	220	223	223	223	223	126	
TJGS	GT1B	114	112	112	114	114	113	113	113	106	106	114	114	114	110	110	116	116	117	117	113	113	112	112	110	110	117	117	114	210	213	213	210	210	113	113	113	113	211	211	212</									

Daily MW Generation on Saturday

[illegible]

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
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
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
TIE-PLTG		23	3	15	14	29	9	36	25	26	33	23	34	43	21	15	26	30	22	31	22	30	7	33	21
Interconnection		23	3	15	15	29	9	36	25	26	33	23	34	43	21	15	26	30	23	31	23	30	7	33	22
System Total		16191	15929	15588	15240	15007	14694	14422	14154	14066	13829	13669	13636	13611	13587	13304	12987	13048	13698	14145	14562	14939	15307	15431	15817
SRev ST-Coal		132	120	125	134	141	125	137	496	495	520	581	572	578	765	777	782	783	774	790	788	737	627	640	489
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
SRev CCGT-Gas		1295	1493	1816	2070	2106	2409	2611	2473	2469	2676	2719	2613	2535	1620	1601	1661	1662	1183	887	622	570	483	697	612
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
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
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		764	739	739	953	953	1041	1041	953	953	890	890	953	1041	1042	1042	803	891	1042	1042	767	855	767	855	553
Hydro		348	418	421	120	146	171	198	130	134	277	286	147	119	153	154	288	288	172	114	121	171	128	171	437
S.Reserve Total		2539	2770	3101	3451	3520	3833	4074	4226	4225	4450	4563	4459	4360	3667	3661	3708	3711	3258	2920	2472	2333	2092	2363	2091