

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,034 MW
Distillate	0 MW
Total TNB	2,034 MW
Total IPP	18,285 MW
Total Co-Gen	0 MW
Total System	24,321 MW

Generation Mix

Type	MWh	Percentage
Hydro	10,904	2.85 %
Gas	56,978	14.90 %
Total TNB	67,882	17.75 %
ST-Coal	228,082	59.64 %
LSS	5,049	1.32 %
Gas	81,550	21.33 %
Total IPP	314,681	82.29 %
Co-Gen	-238	-0.06 %
Total Co-Gen	-238	-0.06 %
Total Generation	382,325	99.98 %
PLTG	-93	-0.02 %
EGAT	5	0.00 %
Interconnection	-88	-0.02 %
Net Energy	382,413	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:	15:30:00 Hour
Total Set On Bus	19,654 MW
TNB Generation	3,430 MW
IPP Generation	14,455 MW
Spinning Reserve	1,802 MW
Maximum Demand	17,887 MW
Net Energy	382,413 MWH
Load Factor	89.08 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	728
Hydro	454
Syncon	794
Thermal	123
Total	2,099

Time	Weather	Temperature
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Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	158
Total TNB	187
CBPS	42
EMPP	268
NPRI	133
PCGP	81
SGRI	3
SPGP	194
Total IPP	720
Total Gas	907
Total Gas Required	907

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	15823	15057	14443	14079	13738	13560	13718	13829	14262	15811	16538	17056	17030	16721	17416	17842	17804	17358	16297	16255	17255	17158	16567	16301

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, July 11, 2023 8:24:17 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

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	705	702	707	705	705	705	704	705	704	707	704	706	704	706	704	705	707	705	705	706	704	705	703	705	705	704	706	704	702																		
JMAH	U002	706	703	708	704	709	705	707	704	706	705	707	704	706	705	704	706	702	704	703	704	705	703	703	708	705	704	708	709	704	702	712	705	704	708														
JMHE	U001	972	975	977	940	899	900	900	899	900	850	851	856	847	848	850	849	845	898	966	976	977	975	977	974	973	971	976	973	977	972	975	976	970	975	976	971	971	974	976	972								
JMHE	U002	500	504	500	500	499	500	501	497	499	501	502	502	501	500	500	502	496	498	499	500	498	500	498	499	500	499	501	501	500	501	499	502	498	499	499	499	498	499	499	498								
JMJG	U002	681	679	678	682	672	680	677	677	679	680	682	680	682	679	678	680	679	678	678	681	677	679	678	679	679	679	678	679	680	678	682	678	678	633	599	601	601	601	608	600	641	675	678	678	678	683	686	
JMJG	U003	475	433	431	426	414	415	420	416	427	424	455	533	574	598	640	683	674	677	672	682	677	671	678	673	677	678	679	677	675	678	677	672	678	678	675	677	674	685	673	676	675	677	679	679	677	679	685	675
JMJG	U004	976	974	977	936	929	898	895	896	874	850	847	848	850	849	847	848	843	843	848	848	848	847	906	962	976	977	976	973	975	975	975	954	937	940	942	936	941	938	977	972	968	965	965	969	965	966	970	967
JMJG	U005	982	976	977	937	920	904	903	901	904	853	847	848	851	849	849	848	853	872	946	980	977	985	974	980	974	981	977	980	981	978	981	977	977	976	976	976	977	978	977	982	978	977	979	979	972	972		
PKLG	U003	275	275	274	277	278	275	275	276	217	148	242	269	281	277	279	278	278	278	278	275	278	276	275	275	277	275	278	277	276	277	277	277	277	278	280	278	278	278	279	276	276	275	278	279	279	276		
PKLG	U005	464	467	468	466	458	368	292	270	269	269	313	330	332	374	462	466	470	465	469	469	466	467	458	468	467	474	468	466	466	468	468	470	466	466	466	463	467	468	457	470	468	468	467	465	467	466	474	
PKLG	U006	450	447	448	449	449	449	447	447	448	447	447	450	449	446	449	449	447	446	446	450	449	450	449	438	440	441	447	447	449	448	449	447	449	448	449	449	449	447	450	450	449	449	447	450	447	449	449	
TBIN	U001	700	701	699	696	698	701	699	700	702	700	701	699	702	699	699	699	700	699	698	698	699	701	699	699	699	700	701	701	702	698	700	702	700	700	700	699	699	700	698	700	702	700	697	700	700	701	700	
TBIN	U003	697	696	695	697	696	696	698	695	697	696	698	697	697	700	696	699	696	696	697	696	697	697	697	697	697	697	697	697	697	696	697	697	697	697	697	697	697	697	697	697	697	697	697	697	697	697	698	
TBIN	U004	982	979	980	942	924	904	902	902	886	852	855	849	852	855	850	853	854	871	951	981	982	979	979	981	981	978	979	982	980	979	977	982	981	980	982	980	979	979	979	982	983	980	977	982	980	980	979	980
Total ST-Coal		9564	9514	9514	9359	9250	9100	9021	8984	8913	8679	8854	8969	9028	9086	9208	9266	9245	9329	9557	9648	9636	9636	9681	9739	9743	9759	9768	9760	9766	9756	9761	9743	9721	9724	9684	9641	9625	9656	9681	9679	9694	9715	9744	9747	9751	9753	9764	9757
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	
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	222	222	222	222	226	222	222	223	220	222	221	222	222	222	222	222	222	222	221	261	220	221	221	221	221	244	299	296	295	333	326	360	360	360	221	221	221	221	322	359	360	360	360	315	221	221	221	
EMPP	BLK1	656	528	417	408	419	411	411	417	410	440	404	410	431	408	403	395	405	469	584	666	676	707	704	709	693	613	661	705	710	688	690	709	701	693	699	680	606	480	565	700	692	685	678	689	693	709	705	695
EMPP	BLK2	656	529	417	409	419	411	411	412	410	439	404	411	429	408	403	395	406	478	584	665	684	708	704	709	692	687	658	703	712	688	689	710	702	693	700	681	707	707	710	704	690	686	670	688	692	708	708	700
EMPP	BLK3	657	529	417	408	419	411	411	412	410	439	404	410	430	408	403	394	406	477	584	675	684	701	706	710	692	687	659	703	711	688	690	709	701	693	700	679	707	708	709	704	689	686	671	688	693	709	706	697
GLGR	GT02	93	94	94	93	94	93	94	94	94	94	94	93	93	93	93	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	93	95	93	94	93	93	93	94	94	94		
GLGR	ST1C	41	41	42	42	41	41	41	41	41	41	41	41	41	40	41	41	41	41	41	42	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	328	335	330	326	337	331	331	333	332	334	323	333	332	329	302	295	304	335	334	365	392	513	482	479	454	325	331	473	514	506	512	519	519	520	520	460	329	329	517	525	517	504	497	514	507	511	446	335
NPRI	BLK2	325	333	325	320	334	326	330	325	325	325	313	326	325	322	295	289	298	330	333	321	514	521	524	523	518	320	328	466	523	518	516	524	518	520	520	512	326	327	328	527	517	515	510	518	520	451	431	326
PCGP	PGRG	598	600	602	440	401	400	400	400	401	407	381	401	403	395	379	374	385	603	603	594	580	597	603	600	591	587	602	594	603	586	586	601	591	593	594	587	599	601	603	600	596	591	583	592	593	606	603	602
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	34	31	31	32	43	55	81	140	39	0	0	0	0	0	0	0	0	0	0	0		
SGRI	ST14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SPGP	BLK1	721	720	722	722	584	586	585	489	439	440	439	365	368	533	438	438	639	712	717	717	719	716	717	719	720	721	717	716	717	717	716	717	715	717	718	719	717	717	717	716	719	720	719	719	719	718	722	720
SPGP	BLK2	717	720	717	721	639	638	489	442	443	448	433	367	363	493	445	424	535	726	729	719	715	723	728	727	718	716	726	716	718	706	712	725	717	714	713	704	724	726	725	724	717	718	706	717	719	726	730	731
TJGS	GT1A	126	127	127	127	128	127	128	127	128	126	125	129	126	127	122	120	125	127	127	126	122	125	124	126	125	126	126	125	124	225	223	223	224	223	188	120	127	125	127	237	226	226	220	225	125	125	127	125
TJGS	GT1B	115	119	114	115	114	114	113	115	111	114	113	117	120	115	109	110	118	115	119	113	107	112	115	110	114	114	112	115	114	211	212	210	207	210	175	109												

Daily MW Generation on Thursday

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
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
PGAU	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
PGAU	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
PGAU	HY03	20	20	20	20	21	21	21	21	21	21	21	21	21	21	23	23	23	23	23	23	22	21	16	22
PGAU	HY04	21	21	20	21	21	21	21	22	21	20	21	21	18	21	21	21	23	23	23	23	22	22	17	23
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	31	31	31	31	31	50	31	31	31
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	30	50	30	30	30
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	30	30	30	49
SYPS	HY03	0	0	0	0	0	0	0	16	16	16	0	0	0	0	0	25	25	25	17	17	25	25	25	25
SYPS	HY04	25	25	25	25	25	25	25	25	25	0	0	0	0	0	0	17	17	17	17	25	25	25	25	25
TMGR	HY01	0	0	0	0	0	33	33	0	0	0	-1	-1	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	41	43	41	41	47	73	73	81	45	84	39	41	84	41	39	41	41	40	40	39	41	82	42	42
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
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
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
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
Total Hydro		408	410	406	405	413	473	471	464	445	467	414	357	409	365	355	346	361	367	360	353	380	374	417	416
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	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	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	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	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	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	0	0	0	0	0	0	0	0	0
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TBLS	LSS2	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 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
ESTL	ESTL	0	0	-8	0	0	0	-7	-4	0	0	0	9	0	10	0	8	3	1	0	1	0	2	6	8
KHTC	BLK1	-16	-16	-13	-14	-14	-15	-15	-17	-15	-15	-14	-12	-14	-12	-16	-16	-20	-23	-30	-33	-34	-36	-38	-38
PCUF	CUFPG	3	3	4	3	2	2	3	2	2	2	2	2	2	3	2	3	2	6	2	4	2	3	2	2
PCUF	CUFK	2	1	3	2	3	1	3	1	2	4	3	4	1	3	2	2	3	2	3	3	2	4	2	3
PFTZ	PFTZ	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

Daily MW Generation on Thursday

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 Co-Gen		-4	-5	-7	-2	-2	-5	-9	-11	-4	-2	-2	10	-4	11	-5	4	-4	-11	-18	-20	-18	-22	-17	-19	-18	-21	-24	-22	-27	-25	-33	-33	-43	-32	-22	-10	-11	-2	-4	-3	-3	-3	-1	2	3	6	6	9	
Total Gen		15837	15431	15074	14729	14431	14292	14065	13882	13733	13626	13574	13576	13728	13970	13826	13819	14260	15170	15796	16212	16558	16912	17023	17218	17045	16842	16717	17182	17409	17702	17815	17852	17785	17715	17375	16820	16296	16041	16246	16971	17238	17311	17154	16902	16558	16467	16278	15965	
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	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	0		
TIE-PLTG		14	-3	17	13	-12	5	-14	-14	-5	4	14	-25	10	23	-3	3	-3	-12	-16	9	20	-10	-33	-7	15	28	-4	9	-7	-15	-28	-35	-20	-4	17	5	-1	-14	-9	-1	-17	-2	-4	-22	-9	-9	-23	-12	
Interconnection		14	-2	17	13	-12	6	-14	-14	-5	4	14	-25	10	23	-3	3	-2	-12	-15	10	20	-10	-33	-7	15	28	-4	9	-7	-15	-27	-35	-19	-4	17	5	-1	-14	-9	0	-17	-1	-4	-22	-9	-9	-23	-12	
System Total		15823	15433	15057	14716	14443	14286	14079	13896	13738	13622	13560	13601	13718	13947	13829	13816	14262	15182	15811	16202	16538	16922	17056	17225	17030	16814	16721	17173	17416	17717	17842	17887	17804	17719	17358	16815	16297	16055	16255	16971	17255	17312	17158	16924	16567	16476	16301	15977	
SRev ST-Coal		146	151	151	306	414	498	498	513	509	519	480	471	452	550	469	313	340	342	173	82	94	94	109	111	147	131	122	130	124	134	129	147	109	106	106	99	115	84	89	121	106	135	146	143	159	137	126	133	
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	0	
SRev CCGT-Gas		1415	1772	2123	2317	2514	2560	2702	2839	2905	2802	2976	3044	2989	2776	3016	3088	2692	1941	1599	1352	1122	851	907	900	996	1415	1393	1084	893	580	486	346	446	408	663	1072	1495	1480	1201	508	289	321	457	553	680	777	858	1129	
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	0
SRev Co-Gen		0	0	0	-1	0	0	-2	0	0	1	-1	0	0	0	0	0	0	-1	1	-1	-1	0	1	0	0	0	0	0	0	0	1	-1	2	0	0	0	1	0	0	0	-2	0	0	1	-1	-2	2	1	
Syncon		764	764	764	764	764	764	613	613	764	852	852	764	764	764	764	764	764	764	852	701	852	701	701	852	852	852	852	852	852	852	852	852	852	852	852	701	852	701	852	852	665	665	665	852	852	852	701		
Hydro		362	360	364	365	357	337	339	457	501	328	380	387	336	380	390	399	384	378	385	391	540	445	553	554	415	416	407	341	399	400	439	455	380	438	440	578	442	518	387	389	392	495	547	487	390	389	408	517	
S.Reserve Total		2687	3047	3402	3751	4049	4159	4301	4509	4615	4501	4687	4753	4628	4557	4726	4651	4267	3511	3009	2676	2456	2242	2271	2266	2410	2814	2774	2434	2268	1967	1905	1802	1787	1804	2061	2451	2904	2783	2529	1870	1637	1616	1815	1849	2080	2153	2246	2481	