

Daily System Generation Summary on Saturday

Saturday, August 13, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,512 MW
Distillate	0 MW
Total TNB	2,512 MW
Total IPP	20,412 MW
Total Co-Gen	0 MW
Total System	25,796 MW

Generation Mix

Type	MWh	Percentage
Hydro	23,426	6.49 %
Gas	35,084	9.72 %
Total TNB	58,510	16.20 %
ST-Coal	216,295	59.90 %
LSS	6,180	1.71 %
Gas	80,769	22.37 %
Total IPP	303,244	83.98 %
Co-Gen	697	0.19 %
Total Co-Gen	697	0.19 %
Total Generation	362,451	100.38 %
PLTG	663	0.18 %
HVDC	718	0.20 %
Interconnection	1,381	0.38 %
Net Energy	361,070	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	18,288 MW
TNB Generation	2,951 MW
IPP Generation	13,969 MW
Spinning Reserve	1,324 MW
Maximum Demand	16,905 MW
Net Energy	361,070 MWH
Load Factor	88.99 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	575
Hydro	333
Syncon	619
Thermal	518
Total	2,045

Time	Weather	Temperature
Afternoon	Cloudy	33
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	5
GLGR	14
TJGS	108
Total TNB	126
CBPS	51
EMPP	190
NPRI	126
PCGP	88
PGLA	67
SPGP	105
Total IPP	627
Total Gas	753
Total Gas Required	753

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	15942	15135	14541	14270	13827	13442	13300	13067	12754	13875	14711	15192	15045	14967	15485	15841	15872	15930	15469	15515	16851	16905	16454	16164

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, September 6, 2022 12:06:00 PM

(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	214	215	215	214	213	214	214	215	214	214	214	214	214	215	214	213	213	215	213	214	214	215	214	215	215	215	216	213	214	216	214	215	215	215	215	215	215	216	215	215	215	214	215	214	215	214	215	216
JMAH	U002	214	214	215	213	214	214	214	214	215	215	214	214	213	213	214	214	214	215	213	214	213	213	215	214	214	213	213	214	214	213	214	214	214	214	215	213	214	214	338	508	702	707	709	708	707	705		
JMHE	U001	981	974	981	976	979	982	983	981	899	900	855	851	849	849	853	849	850	845	850	948	952	948	947	951	951	953	948	969	980	974	981	979	978	977	978	978	978	974	980	977	979	977	977	977	980	979	942	
JMHE	U002	983	975	983	980	980	980	981	979	900	900	853	851	850	851	850	848	849	850	851	951	952	949	949	950	952	950	951	950	969	982	979	980	981	980	977	982	981	981	980	981	978	982	979	979	977	982	978	981
JMJG	U001	668	667	668	670	668	669	666	671	665	666	667	666	668	668	667	671	672	671	666	670	668	665	667	668	670	668	671	669	672	661	668	666	671	666	666	666	667	668	664	668	667	666	664	663	670	678	667	645
JMJG	U002	673	674	678	673	666	681	675	671	661	680	668	672	674	672	671	677	672	666	671	668	672	668	668	672	673	676	672	673	672	668	674	667	671	678	676	672	673	672	673	672	673	676	671	677	671	671	678	669
JMJG	U003	574	605	670	666	675	672	667	669	668	671	671	668	667	666	669	670	669	668	669	669	671	669	668	668	668	669	675	662	672	662	672	668	667	670	669	669	669	669	668	668	609	664	676	662	668	673	661	678
JMJG	U004	971	972	913	854	810	753	696	634	601	601	631	694	748	807	851	854	850	852	850	892	947	949	948	948	950	946	949	944	960	973	972	974	975	973	978	974	976	974	972	975	974	974	973	977	973	974	973	970
JMJG	U005	980	978	856	850	850	848	854	850	849	852	852	848	852	852	850	853	852	849	849	923	952	949	949	953	950	946	952	958	952	977	976	972	976	979	978	977	981	983	981	968	971	974	974	972	978	982	983	980
PKLG	U004	151	150	148	149	148	149	149	147	153	145	150	150	152	153	149	150	151	148	150	149	156	150	148	150	146	151	151	150	153	148	149	151	151	152	152	148	150	148	150	144	147	151	148	156	149	150	150	152
PKLG	U005	269	227	152	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PKLG	U006	269	268	268	268	269	269	268	269	267	269	269	270	269	269	267	268	269	269	268	269	269	268	268	269	268	269	269	269	269	270	269	269	269	270	269	267	270	269	269	269	269	269	270	269	269	269	269	
TBIN	U001	264	212	209	210	209	210	212	210	210	211	210	210	211	211	211	211	210	212	211	213	210	211	210	211	211	211	209	210	212	209	209	210	209	211	209	211	238	377	558	676	702	697	700	699	697	698	701	
TBIN	U002	700	682	468	453	453	454	454	454	453	443	239	212	212	211	213	214	213	211	212	245	451	701	698	702	701	700	700	699	701	702	702	700	704	698	701	698	701	697	707	698	701	701	700	703	475	251	208	
TBIN	U003	701	700	705	700	703	700	700	703	700	702	685	347	210	211	211	212	211	264	488	691	718	694	698	699	697	698	699	699	698	699	698	698	698	698	700	699	701	698	702	696	698	699	698	698	700	693	701	695
TBIN	U004	942	945	867	853	853	852	852	853	854	853	849	852	853	851	854	854	855	855	854	917	943	941	942	940	941	941	938	942	943	941	942	940	941	940	942	941	939	940	938	939	940	942	939	942	942	940	940	940
Total ST-Coal		9554	9458	8996	8830	8690	8647	8585	8520	8309	8332	8231	7746	7641	7699	7743	7758	7752	7786	8018	8597	8787	8938	9194	9202	9206	9206	9213	9216	9254	9310	9305	9309	9318	9322	9325	9314	9321	9348	9474	9659	9828	10103	10285	10284	10299	10086	9850	9751
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	327	321	327	328	327	328	330	327	325	324	315	321	322	322	317	320	259	332	332	323	330	323	328	318	318	328	328	328	321	329	330	331	333	331	332	335	333	330	325	331	334	329	329	328	325	332	324	329
EMPP	BLK1	711	689	710	710	710	711	712	709	711	709	608	672	694	698	684	687	711	717	710	681	671	675	707	693	663	671	708	709	697	712	707	710	710	710	709	714	712	710	686	709	712	711	699	696	692	710	711	716
EMPP	BLK2	711	703	654	0	0	0	0	0	0	0	194	617	700	747	747	747	747	749	746	709	710	710	710	711	707	692	709	711	710	709	710	711	708	710	709	711	710	710	708	710	711	711	710	710	708	710	710	710
GLGR	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLGR	GT02	92	91	91	91	93	93	93	93	93	93	93	93	93	93	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLGR	ST1C	40	40	40	40	41	40	41	41	42	42	41	40	41	40	41	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	27	34	46	45	46	46	46	42	41
NPRI	BLK1	398	391	311	515	515	515	402	398	398	311	295	303	306	306	299	302	310	317	310	298	310	299	304	293	292	304	307	309	298	396	445	448	448	448	449	384	381	378	373	516	515	513	512	511	379	310	311	316
NPRI	BLK2	397	325	395	526	413	354	524	392	428	337	319	442	451	332	323	328	373	419	350	323	334	326	331	318	317	330	332	342	322	363	412	457	364	517	446	344	390	361	349	500	523	518	513	333	326	335	496	478
PCGP	PGRG	602	585	603	602	603	601	608	603	605	602	570	590	594	595	581	588	602	616	604	577	598	579	588	569	568	592	593	596	578	599	596	601	604	604	602	612	609	602	585	603	608	595	592	594	586	603	604	610
PGLA	GT11	225	223	227	225	226	227	228	225	227	228	197	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGLA	GT12	218	215	218	217	217	218	220	218	218	218	213	137	232	229	205	233	144	149	219	209	212	208	210	206	145	147	147	148	144	148	148	150	218	222	222	223	223	225	217	225	226	223	223	212	217	219	220	223
PGLA	ST10	231	230	230	230	230	230	231	231	23																																							

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
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
KNRG	HY01	32	32	32	32	32	32	31	31	31	31	31	31	0	0	0	0	0	0	31	32	32	32	32	32
KNRG	HY02	38	37	38	38	38	38	37	37	37	37	37	37	0	0	0	0	0	0	38	37	37	37	37	37
KNRG	HY03	0	0	0	0	0	0	22	22	35	35	35	35	35	35	37	22	23	24	37	37	37	35	35	35
KNYR	HY01	99	99	99	99	99	99	99	99	99	99	99	99	99	99	100	101	100	100	101	100	101	100	100	100
KNYR	HY02	104	104	104	104	104	104	104	104	104	104	104	104	105	62	104	104	105	105	105	105	105	105	105	105
KNYR	HY03	104	103	104	103	103	103	103	103	103	103	103	103	81	59	60	100	99	104	103	103	103	102	102	103
KNYR	HY04	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
LPIA	HY01	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	18	18	18	18
LPIA	HY02	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17
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	20	20	20	83	23	22	22	22	22	22	22	22	21	22	22	23	22	21	21	23	22	21	22	22
PGAU	HY02	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	14	-1	-1	-1
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	51	51
SIHY	HY02	0	0	0	0	0	0	30	30	30	30	30	30	0	0	0	0	0	0	0	0	30	30	50	50
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	30
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	17	25	25	25
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25
TMGR	HY01	83	-1	-1	83	83	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	83	83	32	83	83
TMGR	HY02	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34
TMGR	HY03	83	84	84	83	83	83	32	32	32	32	32	32	30	32	32	32	30	82	82	82	82	82	82	83
TMGR	HY04	41	40	83	82	75	77	83	42	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	83	82	79	82	83	81
UJLI	HY01	-1	-1	-1	92	93	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	161	97
UJLI	HY02	-1	-1	-1	94	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	99	-1
UPIA	HY01	4	4	4	4	4	4	4	4	4	5	4	5	4	4	4	4	4	4	4	4	4	5	5	4
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
Total Hydro		1119	948	993	1346	1163	1011	933	891	903	861	793	798	796	797	606	517	440	693	719	713	798	773	690	684
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	1	4	6	11	15	18	21	23	25	26	27	27
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	9	9	17	28	31	33	34	30	35
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	10	12	7	12	16	18	21	29	32	22	22
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	10	14	16	28	32	35	38	40	41	44
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	3	9	14	21	26	30	33	36	38	39	34
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	11	15	18	22	24	26	28	29	29
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	14	19	11	31	29	44	29	32	19	35
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	8	14	22	15	20	18	30	29	27
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	16	25	19	35	39	42	43	47	43
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	26	31	24	28	35	19	64	73	88	66	68
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	11	14	19	15	5	32	30	37	37	43	30
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	8	10	9	11	23	8	29	26	21	17
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	16	16	11	68	67	73	42	100	100	100
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	24	21	17	20	32	31	33	32
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	9	27	27	39	28	30	50	26	22
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	5	11	24	45	63	38	66	55	80	100	78	87
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	12	17	44	64	79	89	101	110	110	110	110	110
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	19	17	35	44	47	52	52	42	52

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																								
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	11	15	24	27	26	17	39	31	31	33	41	39	34	12	8	8	4	4	2	1	0	0	0	0	0	0	0	0					
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	8	12	18	23	23	19	17	20	21	19	13	5	19	24	16	17	12	9	5	1	0	0	0	0	0	0	0	0	0				
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	14	23	29	30	30	30	30	30	30	30	30	30	30	14	30	28	7	9	5	1	0	0	0	0	0	0	0	0	0				
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	18	73	204	339	435	558	676	720	778	965	938	888	867	893	872	577	605	648	515	371	261	95	52	16	6	0	0	0	0	0	0	0	0		
PCUF	CUFG	28	27	27	26	26	26	26	26	26	27	27	27	25	27	26	26	25	24	24	22	21	22	20	20	19	20	19	19	18	19	20	19	21	21	20	21	21	21	20	21	21	21	21	21	21			
PCUF	CUFK	5	4	3	4	4	6	4	4	5	5	6	6	4	5	4	5	5	6	5	4	5	2	6	4	4	4	5	5	5	5	3	5	4	5	5	5	5	5	4	23	23	22	25	4	5			
Total Co-Gen		33	31	30	30	30	32	30	30	31	31	32	33	31	32	29	32	31	31	31	29	28	27	25	27	22	26	23	24	23	24	23	24	25	22	26	25	25	26	26	26	25	25	44	45	43	46	25	26
Total Gen		16051	15645	15219	15081	14653	14404	14333	14070	13915	13711	13517	13421	13393	13391	13147	12924	12846	13450	13877	14389	14835	15031	15287	15282	15125	15007	15003	15313	15467	15822	15813	15906	15925	16110	15982	15715	15548	15458	15580	16496	16892	16965	16964	16721	16477	16331	16191	16072
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		31	31	31	31	31	29	28	31	29	29	31	29	30	30	30	30	29	29	30	30	30	30	31	31	30	30	31	31	30	29	29	31	31	30	30	30	30	28	28	29	29	30	30	31	31			
TIE-PLTG		78	86	54	42	81	-4	34	63	59	59	44	52	63	52	50	62	62	-15	-27	32	94	100	65	35	50	8	6	-26	-48	-58	-57	-8	23	61	21	45	48	-18	35	12	13	56	29	12	-7	-63	-3	-25
Interconnection		109	117	84	73	112	24	63	93	88	88	75	81	93	83	80	92	92	15	2	61	124	130	95	65	80	39	36	4	-18	-27	-28	21	53	91	52	75	79	12	65	41	41	84	59	42	23	-33	27	5
System Total		15942	15528	15135	15008	14541	14380	14270	13977	13827	13623	13442	13340	13300	13308	13067	12832	12754	13435	13875	14328	14711	14901	15192	15217	15045	14968	14967	15309	15485	15849	15841	15885	15872	16019	15930	15640	15469	15446	15515	16455	16851	16881	16905	16679	16454	16364	16164	16067
SRev ST-Coal		467	514	751	795	680	657	724	783	994	969	972	962	905	919	973	959	965	973	978	728	622	642	568	556	552	558	549	544	507	449	454	451	446	440	439	444	442	437	449	517	462	373	311	319	299	356	369	408
SRev CCGT-Gas		528	665	673	251	356	412	341	497	454	639	1040	900	588	650	744	914	759	679	539	694	645	692	651	718	830	925	885	771	761	572	479	422	429	271	336	481	444	481	554	205	160	178	203	399	548	562	422	416
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	
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	
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 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		525	613	613	0	338	525	613	613	613	701	827	827	827	827	827	827	827	827	701	701	550	701	701	701	827	827	827	701	701	701	613	613	613	525	525	525	375	374	525	151	0	338	525	525	525	525	525	
Hydro		300	296	251	511	356	321	401	443	431	385	327	322	324	323	261	350	427	249	349	344	410	284	367	373	478	478	476	389	308	178	183	182	241	195	257	259	332	522	384	462	449	295	285	245	353	251	274	251
S.Reserve Total		1820	2088	2288	1557	1730	1915	2079	2336	2492	2694	3166	3011	2644	2719	2805	3050	2978	2728	2567	2467	2227	2319	2287	2348	2687	2788	2737	2405	2277	1900	1730	1667	1746	1511	1628	1778	1659	1879	1959	1361	1071	1184	1324	1488	1725	1694	1590	1600