

Daily System Generation Summary on Saturday

Saturday, June 18, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,411 MW
Distillate	0 MW
Total TNB	2,411 MW
Total IPP	18,412 MW
Total Co-Gen	0 MW
Total System	25,102 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,435	2.43 %
Gas	41,592	11.96 %
Total TNB	50,027	14.39 %
ST-Coal	191,494	55.07 %
LSS	4,814	1.38 %
Gas	101,218	29.11 %
Total IPP	297,526	85.56 %
Co-Gen	707	0.20 %
Total Co-Gen	707	0.20 %
Total Generation	348,260	100.15 %
PLTG	-197	-0.06 %
HVDC	722	0.21 %
Interconnection	525	0.15 %
Net Energy	347,735	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:	20:00:00 Hour
Total Set On Bus	18,141 MW
TNB Generation	2,526 MW
IPP Generation	13,547 MW
Spinning Reserve	2,036 MW
Maximum Demand	16,097 MW
Net Energy	347,735 MWH
Load Factor	90.01 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,379
Hydro	342
Syncon	638
Thermal	348
Total	2,707

Time	Weather	Temperature
Afternoon	Rainy	32
Morning	Rainy	23

Gas Usage

Station	(mmscfd)
GLGR	56
TJGS	103
Total TNB	159
CBPS	45
EMPP	304
NPRI	163
PCGP	64
PLPS	83
SPGP	134
Total IPP	793
Total Gas	953
Total Gas Required	953

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	14716	14073	13694	13257	12862	12819	12775	12726	12676	13795	14612	14929	14805	14618	15306	15644	15767	15622	15036	15263	16097	15954	15360	14916

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, July 4, 2022 3:42:42 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	404	307	259	254	234	254	218	215	214	304	309	340	412	354	355	359	357	506	506	690	696	698	698	696	696	605	607	691	697	699	697	696	696	696	698	697	694	693	696	696	696	695	694	696	696	694	694	696	695	694
JMAH	U002	408	305	256	253	231	255	220	215	213	305	309	342	407	357	354	354	504	503	670	695	696	699	697	696	606	602	691	694	700	696	696	693	696	696	694	696	693	695	696	695	698	696	694	694	694	696	695	694		
JMJG	U001	623	646	646	668	668	671	672	678	673	671	673	672	669	673	668	671	674	673	667	672	678	669	673	672	674	673	671	672	672	677	671	675	671	671	672	671	671	671	672	671	673	671	668	672	672	672	670	666		
JMJG	U002	604	645	648	673	672	676	678	677	675	678	674	674	674	671	672	672	676	641	657	679	673	673	672	672	671	673	674	673	677	672	674	675	671	679	671	672	671	677	680	669	671	675	673	675	672	677	673	674		
JMJG	U003	583	636	640	663	663	672	668	670	665	657	671	667	660	667	667	676	662	662	668	667	668	661	668	666	658	671	670	663	667	667	666	666	656	668	668	667	668	659	670	667	659	667	670	664	663	672	664			
JMJG	U004	941	939	904	815	705	615	607	711	797	807	809	809	807	806	810	810	808	807	808	834	894	902	941	942	942	938	944	943	943	981	983	979	979	977	980	972	976	972	974	975	977	969	971	970	971	971	968	932		
JMJG	U005	944	939	895	904	848	848	854	795	800	798	796	799	799	799	798	803	800	798	801	862	901	906	943	944	935	945	942	941	939	978	977	976	972	977	978	977	971	977	976	977	976	973	976	975	975	974	973	928		
PKLG	U003	150	150	150	147	148	149	149	147	148	149	150	149	147	148	149	148	149	148	148	148	147	149	148	148	148	148	149	149	149	149	149	149	197	198	238	270	280	278	278	273	274	274	279	277	278	276				
PKLG	U004	155	155	158	154	155	155	157	155	156	157	154	156	160	156	157	154	155	155	158	152	143	154	155	151	155	156	154	154	156	155	154	155	167	238	257	262	269	274	271	274	272	265	271	271	272	274	273			
PKLG	U005	268	271	268	268	271	269	269	269	268	268	269	268	269	269	269	269	269	269	269	267	268	269	269	268	269	269	269	268	269	269	269	268	298	372	414	439	468	466	465	466	477	466	461	469	468	466	466			
PKLG	U006	268	269	269	271	269	269	269	269	269	271	269	268	270	269	270	267	269	267	269	268	269	269	271	268	269	268	269	269	269	269	268	269	270	299	386	417	448	446	449	446	448	449	451	449	450	449	449	449		
TBIN	U001	208	132	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TBIN	U002	503	451	373	396	403	403	383	355	317	303	354	392	403	453	438	404	428	531	691	691	689	692	693	689	692	693	691	693	692	691	695	691	692	692	692	695	691	693	690	695	694	692	691	691	691	690	692			
TBIN	U003	525	468	370	403	402	402	379	353	343	302	355	396	403	454	433	403	415	534	692	690	695	690	692	692	691	690	687	689	692	691	693	688	689	692	690	692	693	692	692	691	691	690	691	691	691	690	692			
TBIN	U004	935	935	903	903	854	854	853	801	803	803	801	803	801	802	803	803	802	803	803	855	901	902	938	940	936	937	937	938	937	937	937	938	940	936	938	939	938	939	938	938	938	938	938	938	938	938	938	938		
Total ST-Coal		7519	7248	6829	6772	6523	6492	6374	6312	6340	6472	6596	6733	6876	6882	6842	6796	6817	7298	7637	8151	8325	8336	8452	8451	8436	8258	8268	8441	8446	8536	8531	8521	8511	8633	8877	9000	9091	9135	9141	9133	9138	9135	9122	9127	9134	9136	9131	9041		
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	356	355	361	350	360	361	351	359	350	363	363	357	360	361	357	240	222	222	223	215	224	224	222	224	216	218	213	224	223	217	221	223	221	219	215	222	217	223	224	355	353	361	358	359	349	246	218	223		
EMPP	BLK1	706	705	709	697	709	710	696	709	696	715	711	707	708	711	710	685	709	711	710	700	711	710	710	711	699	700	686	709	709	700	699	710	707	690	646	691	682	702	707	702	665	710	706	697	651	588	574	569		
EMPP	BLK2	706	704	709	696	709	711	695	708	696	716	711	707	708	710	710	685	708	710	711	700	711	710	712	710	700	691	709	710	699	700	709	707	690	646	693	682	702	706	702	665	711	707	697	639	609	595	585			
EMPP	BLK3	705	704	709	695	709	708	696	708	696	715	711	706	708	708	710	684	709	710	710	700	711	711	711	712	699	700	692	709	710	699	699	709	707	690	646	693	682	411	572	701	668	711	706	697	612	531	426	496		
GLGR	GT01	110	99	101	100	101	85	84	85	83	86	85	84	84	85	84	84	85	84	85	84	85	83	84	84	83	84	83	85	84	83	83	109	106	107	107	107	108	109	108	109	109	109	109	108	110	109	111			
GLGR	GT02	108	100	99	99	99	84	84	84	84	84	84	84	84	84	85	84	84	83	84	84	84	83	84	83	83	83	84	83	84	84	105	106	105	105	106	106	106	106	106	106	106	106	107	107	107	107	107			
GLGR	ST1C	97	91	91	91	91	83	83	83	83	83	83	83	82	83	83	83	83	83	81	83	83	83	83	83	83	83	83	83	83	83	93	98	97	98	98	98	98	98	98	98	98	98	97	97	97	97	97			
NPRI	BLK1	518	519	526	513	527	526	512	523	512	530	527	519	524	525	523	519	524	527	525	514	524	525	523	521	512	516	511	523	518	514	516	520	521	518	512	522	518	524	524	517	517	526	521	520	509	525	520	525		
NPRI	BLK2	523	523	532	515	532	530	517	527	516	535	532	525	527	531	524	523	527	531	529	519	530	529	527	527	517	520	515	530	527	519	526	526	525	523	518	525	521	529	529	521	521	529	524	526	514	529	523	530		
PCGP	PGRG	395	394	404	395	402	402	397	396	396	413	408	393	399	401	395	396	396	400	403	392	402	402	398	396	387	388	388	402	401	388	394	404	394	489	392	394	393	398	400	401	404	402	401	404	402	401	406			
PLPS	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PLPS	GT12	110	137	137	133	136	137	132	117	115	123	119	118	118	119	115	115	119	120	120	117	119	119	120	119	116	114	115	119	119	136	139	138	138	139	133	138	136	138	139	136	136	139	139	137	135	139	136	10		
PLPS	GT13	99	124	124	120	125	125	120	106	104	111	108	108	109	104	106	109	109	109	106	108	108	109	108	104	103	104	109	109	136	137	137	136	135	133																

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	
CEND	HY03	9	9	9	9	9	9	9	9	8	9	9	9	9	8	9	9	9	9	8	8	8	8	8	8	8
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
HTRG	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	
HTRG	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	
KNRG	HY02	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	38	38	38	38	
LPJA	HY02	26	26	26	26	26	26	26	26	26	26	26	26	25	26	26	26	26	26	26	26	25	26	25	25	
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	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20	
PGAU	HY04	20	21	21	21	21	21	21	21	21	20	21	21	21	21	21	21	21	21	20	21	21	20	21	21	
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	50	50	50	
SIHY	HY03	30	50	50	50	50	50	49	0	0	0	0	0	0	0	0	0	0	0	30	30	30	50	50	50	
SYPS	HY01	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	
SYPS	HY03	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	
SYPS	HY04	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	
TMGR	HY01	42	45	87	40	79	68	43	45	42	65	70	68	73	42	44	44	69	66	50	43	57	57	46	64	
TMGR	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	
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	89	88	83	87	-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	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		352	347	389	341	381	295	279	286	289	264	246	244	248	217	219	208	233	231	299	292	305	306	294	291	
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	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	
BSLS	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	
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	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	
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	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	
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	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	
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	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	
KNLS	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	
KRLS	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	
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	
PKLS	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	
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	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	
TBLS	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	
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	
PCUF	CUFG	27	23	16	17	17	17	18	18	18	18	17	18	18	20	18	17	17	22	22	21	22	21	20	20	
PCUF	CUFK	10	9	10	9	10	10	9	10	10	9	9	7	11	10	10	10	12	10	9	9	8	10	9	9	

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 Co-Gen		37	32	26	26	27	27	26	28	28	28	27	26	25	29	28	27	28	32	28	26	26	33	31	30	30	31	29	30	29	30	30	29	28	30	31	30	30	30	32	30	32	31	32	31	31	31	32	34
Total Gen		14737	14396	14052	13851	13695	13496	13274	13142	12898	12853	12831	12748	12820	12816	12752	12512	12685	13269	13788	14279	14645	14758	14940	14988	14872	14711	14667	14964	15299	15691	15686	15781	15789	15891	15734	15434	15119	14989	15280	15943	16105	16037	15983	15813	15393	15225	14936	14754
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		30	30	30	30	31	31	31	29	29	30	30	30	30	31	31	30	30	28	32	31	31	30	30	31	31	29	31	29	29	30	30	29	29	29	31	29	29	29	29	31	30	30	30	30	31	31	29	
TIE-PLTG		-9	-9	-51	13	-29	-32	-14	-23	7	-66	-18	8	15	-19	-6	-5	-20	-63	-39	-23	2	-23	-19	-1	36	-12	18	-10	-36	-4	13	-25	-6	24	81	52	54	-15	-12	-10	-23	-37	-2	16	3	-37	-10	-27
Interconnection		21	21	-21	43	1	-1	17	7	36	-36	12	38	45	13	26	25	9	-35	-7	8	33	7	11	30	67	17	49	19	-7	26	42	4	22	53	112	81	83	14	17	19	8	-7	29	46	33	-6	20	3
System Total		14716	14375	14073	13808	13694	13497	13257	13135	12862	12889	12819	12710	12775	12803	12726	12487	12676	13304	13795	14271	14612	14751	14929	14958	14805	14694	14618	14945	15306	15665	15644	15777	15767	15838	15622	15353	15036	14975	15263	15924	16097	16044	15954	15767	15360	15231	14916	14751
SRev ST-Coal		788	799	821	694	785	691	702	754	680	789	776	775	789	784	782	771	776	819	681	544	467	468	359	356	370	498	492	368	363	275	278	288	301	297	285	277	212	168	162	170	165	168	181	176	169	167	172	262
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		1053	1113	1074	1170	1118	1200	1287	1366	1641	1439	1566	1783	1503	1486	1514	1710	1639	1627	1624	1699	1627	1630	1635	1632	1717	1709	1751	1627	1264	1067	1050	812	830	791	1044	1396	1633	1904	1657	1042	896	975	1109	1278	1667	1885	2072	2147
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 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 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		500	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	489	489	489	489	676	676	676	676	676	676	489	489	489	489	676	676	
Hydro		359	314	272	320	280	291	331	324	321	296	290	292	288	319	317	328	303	305	337	344	331	330	342	345	346	346	347	297	330	365	325	319	379	392	431	394	330	316	312	274	299	284	379	384	422	374	285	304
S.Reserve Total		2700	2902	2843	2860	2859	2858	2996	3120	3318	3200	3308	3526	3256	3265	3289	3485	3394	3427	3318	3263	3101	3104	3012	3009	3109	3229	3266	2968	2633	2383	2329	2095	1999	1969	2249	2556	2851	3064	2807	2162	2036	2103	2158	2327	2747	2915	3205	3389