

Daily System Generation Summary on Friday

Friday, June 17, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,249 MW
Distillate	0 MW
Total TNB	2,249 MW
Total IPP	18,802 MW
Total Co-Gen	0 MW
Total System	25,330 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,387	2.26 %
Gas	55,510	14.95 %
Total TNB	63,897	17.21 %
ST-Coal	196,371	52.89 %
LSS	4,283	1.15 %
Gas	106,003	28.55 %
Total IPP	306,657	82.59 %
Co-Gen	986	0.27 %
Total Co-Gen	986	0.27 %
Total Generation	371,540	100.07 %
PLTG	-473	-0.13 %
HVDC	723	0.19 %
Interconnection	250	0.07 %
Net Energy	371,290	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:	15:00:00 Hour
Total Set On Bus	18,996 MW
TNB Generation	3,414 MW
IPP Generation	14,087 MW
Spinning Reserve	1,446 MW
Maximum Demand	17,520 MW
Net Energy	371,290 MWH
Load Factor	88.30 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	996
Hydro	436
Syncon	321
Thermal	410
Total	2,163

Time	Weather	Temperature
Afternoon	Rainy	31
Morning	Rainy	23

Gas Usage

Station	(mmscfd)
GLGR	56
TJGS	185
Total TNB	241
CBPS	52
EMPP	309
NPRI	162
PCGP	69
PLPS	98
SPGP	144
Total IPP	833
Total Gas	1,074
Total Gas Required	1,074

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	15485	14743	14156	13662	13464	13223	13447	13350	13636	15253	16085	16625	16674	16449	16826	17520	17328	16943	15859	15877	16685	16466	15788	15435

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, July 4, 2022 3:44:11 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Friday

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	504	474	405	357	308	305	307	305	304	303	305	305	304	336	353	357	371	505	555	697	697	697	699	697	697	695	695	694	696	695	696	696	695	696	700	698	606	607	606	605	557	556	505	454	455	427	404		
JMAH	U002	505	470	406	404	305	303	308	307	305	303	304	304	304	342	353	357	375	510	555	695	693	700	698	695	695	694	694	698	690	696	698	694	695	695	695	694	696	604	605	604	603	555	555	504	453	455	437	405	
JMJG	U001	585	588	611	643	645	671	671	671	672	671	675	673	671	674	671	673	672	670	671	666	669	670	667	669	665	673	668	668	668	663	668	667	675	673	668	646	646	674	672	678	642	596	599	596	597	601	597	623	
JMJG	U002	585	589	610	619	646	666	672	668	671	670	672	675	668	673	668	672	671	668	676	668	672	669	669	671	675	671	668	669	666	668	669	672	668	671	659	651	650	672	673	672	651	594	601	599	600	600	594	601	
JMJG	U003	588	594	612	620	645	660	667	678	668	660	668	664	677	662	662	668	662	668	668	661	673	670	660	661	671	678	669	671	672	665	673	677	598	596	622	629	612	672	671	667	641	582	605	590	595	596	592	596	
JMJG	U004	906	904	906	903	907	867	852	855	855	854	854	852	856	856	852	855	852	851	900	905	906	906	903	911	908	906	905	905	907	907	905	904	906	903	908	971	982	979	976	975	977	976	972	972	972	977	976		
JMJG	U005	943	896	901	901	896	847	849	847	849	852	844	848	849	849	848	849	851	850	950	972	972	970	972	972	973	978	972	971	972	969	975	970	969	972	969	974	972	977	974	972	974	971	971	974	973	972			
PKLG	U003	147	149	149	149	149	148	146	150	150	149	148	149	149	148	148	148	148	148	149	149	147	148	148	148	147	148	149	149	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	149	149	149		
PKLG	U004	157	155	155	153	155	155	154	154	154	151	155	153	156	157	155	156	161	155	155	154	151	155	153	155	152	153	151	152	156	154	161	157	155	156	154	155	155	156	154	152	152	156	156	155	157	157			
PKLG	U005	267	269	267	269	272	268	269	269	269	268	268	269	267	267	269	267	269	269	269	268	269	269	267	271	268	268	269	269	267	269	269	267	269	268	269	268	269	271	269	268	269	267	267	269	268	269			
PKLG	U006	268	269	269	267	269	269	269	269	269	268	269	268	267	269	267	268	269	269	269	269	269	268	272	267	268	269	269	268	268	269	271	268	270	269	268	268	269	268	268	269	268	268	268	269	268	269			
TBIN	U001	628	598	477	441	402	350	350	350	349	351	350	351	349	349	348	349	351	515	600	679	695	709	689	688	687	688	687	687	690	690	692	693	685	691	692	688	689	686	691	690	644	600	476	501	499	500	487	295	
TBIN	U002	632	600	490	442	402	353	353	352	352	353	353	353	351	354	352	353	400	506	599	695	690	693	694	690	691	690	691	691	691	691	698	691	690	687	691	687	691	693	694	689	692	691	694	637	542	503	502	503	
TBIN	U003	630	602	498	441	402	352	353	352	352	354	353	354	353	353	352	352	365	512	601	461	465	504	503	502	503	504	504	504	503	503	503	503	501	503	502	503	502	503	502	502	502	504	505	503	503	501	502		
TBIN	U004	936	934	911	902	904	877	851	853	853	852	853	853	852	852	855	853	854	852	924	940	940	937	938	940	938	938	938	936	938	933	938	935	937	934	938	936	937	936	935	937	932	932	935	935	936	938	935		
Total ST-Coal		8281	8091	7667	7511	7307	7091	7071	7080	7072	7059	7071	7071	7073	7141	7153	7177	7271	7948	8541	8879	8907	8969	8927	8938	8939	8953	8927	8931	8932	8927	8965	8943	8861	8863	8877	8919	8914	8843	8842	8834	8707	8394	8310	8153	7960	7937	7867	7656	
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	0
CBPS	BLK2	360	358	364	358	353	358	353	361	360	226	222	223	315	361	342	219	222	360	357	355	361	356	357	362	352	353	356	357	362	361	356	358	346	357	350	356	353	298	342	360	353	356	358	352	355	353	345	360	
EMPP	BLK1	710	709	719	710	701	708	701	711	710	716	707	709	710	711	693	688	709	708	702	667	714	691	704	710	687	663	659	690	712	710	699	680	642	710	696	704	699	708	710	710	699	704	709	698	707	701	689	709	
EMPP	BLK2	710	710	720	711	702	710	701	711	711	716	709	709	711	710	693	689	708	708	702	668	713	691	706	710	687	663	659	693	712	711	700	680	638	709	696	704	699	708	709	708	699	704	709	697	706	701	689	709	
EMPP	BLK3	711	710	720	711	702	709	701	711	710	714	708	709	710	710	693	689	708	709	699	669	713	691	706	710	686	664	659	692	711	710	700	680	642	709	696	705	699	708	709	709	699	704	709	697	706	701	688	710	
GLGR	GT01	103	104	86	84	83	85	83	85	85	85	84	83	85	83	84	84	86	84	83	83	84	82	83	84	83	83	83	83	84	85	82	84	108	110	108	108	109	110	110	109	109	110	110	109	110	109	109		
GLGR	GT02	103	103	85	84	84	84	84	83	84	84	84	84	84	84	84	84	84	84	84	84	84	84	83	84	83	84	84	83	84	83	84	107	107	107	107	107	107	106	107	108	108	108	108	107	107	107			
GLGR	ST1C	93	93	87	83	83	83	83	83	83	82	83	82	83	83	83	83	83	83	83	83	83	82	82	82	82	83	83	83	82	83	83	99	100	99	99	99	98	98	98	98	98	98	98	97	97	98			
NPRI	BLK1	523	522	525	524	517	523	518	526	525	531	525	526	526	509	520	526	526	520	518	526	518	521	526	515	517	518	521	527	526	519	523	506	522	512	518	517	520	526	523	515	517	520	518	518	516	506	525		
NPRI	BLK2	528	526	531	524	514	526	520	529	530	487	477	520	521	520	488	514	521	520	489	493	521	505	500	520	501	481	470	499	528	521	514	487	511	526	514	523	520	524	530	530	520	524	524	522	523	519	509	527	
PCGP	PGRG	399	397	410	397	395	395	396	402	401	411	399	401	402	401	397	397	402	402	398	393	403	390	395	403	390	389	386	397	407	602	593	600	562	595	571	490	386	391	453	503	581	585	597	582	391	389	393	402	
PLPS	GT11	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	66	141	142	142	139	138	139	142	142	134	133	131	129	134	132	135	131	133	134	135	132	131	132	132	132	130	126	0	
PLPS	GT12	120	153	152	151	146	151	115	118	119	120	119	120	120	119	114	119	118	118	119	115	119	115	118	119	117	116	116	120	121	138	138	135	133	139	134	139	136	136	139	138	136	135	135	136	137	134	128	115	
PLPS	GT13	112	142	140	139	137	138	102	109	108	108	108	109	108	109	103	108	107	109	108	104	109	109	110	112</																									

Daily MW Generation on Friday

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	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	HY02	39	39	39	39	38	38	39	39	39	39	38	38	39	39	39	39	39	39	39	39	39	39	39	39
LPIA	HY02	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
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	20	20	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20
PGAU	HY04	20	20	21	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
SYPS	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
SYPS	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
SYPS	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
TMGR	HY01	86	46	86	79	41	43	44	53	43	86	42	57	84	85	40	42	86	75	42	45	82	41	42	84
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	-1	-1	-1	-1	-1	-1	-1
UJLI	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
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		314	213	256	246	210	211	213	223	212	255	212	227	254	255	208	221	266	354	378	379	424	377	381	426
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	22	22	19	19	17	19	18	19	19	21	20	20	19	19	19	25	26	26	25	26	24	23	23	23
PCUF	CUFK	26	12	7	7	6	5	5	7	8	7	7	8	7	6	5	5	6	5	6	29	27	27	26	25
Total Co-Gen		48	34	26	26	23	24	23	26	27	28	26	26	25	25	25	24	25	54	53	52	52	49	49	50
Total Gen		15516	15101	14721	14489	14191	13868	13722	13571	13451	13336	13245	13305	13434	13552	13384	13351	13628	14574	15259	15640	16069	16423	16619	16828
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

Daily MW Generation on Friday

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-HVDC		32	31	29	31	31	29	31	30	28	29	31	31	29	29	29	29	31	30	31	29	31	29	31	31	30	30	31	31	30	30	31	31	30	30	31	31	30												
TIE-PLTG		-1	-9	-51	-21	4	-34	29	-44	-42	-48	-9	-16	-42	-21	3	1	-37	-24	-26	-37	-48	-22	-37	-50	-23	-23	-18	-30	-36	-49	-1	-34	-13	-29	6	-40	5	9	-19	-40	-15	-21	-4	-23	17	17	1	0	
Interconnection		31	22	-22	10	35	-5	60	-14	-13	-19	22	14	-13	8	34	30	-8	5	6	-7	-16	7	-6	-21	9	8	13	0	-6	-18	30	-4	17	0	35	-10	35	39	12	-10	15	10	27	7	46	48	32	31	
System Total		15485	15079	14743	14479	14156	13873	13662	13585	13464	13355	13223	13291	13447	13544	13350	13321	13636	14569	15253	15647	16085	16416	16625	16849	16674	16642	16449	16666	16826	17256	17520	17445	17328	17262	16943	16436	15859	15633	15877	16601	16685	16677	16466	16164	15788	15561	15435	15118	
SRev ST-Coal		768	821	838	829	771	768	799	783	788	804	786	792	787	792	801	788	799	801	629	381	348	294	328	273	267	255	278	275	276	283	253	267	327	324	330	381	376	414	419	427	550	644	632	692	704	701	701	699	
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	0
SRev CCGT-Gas		1225	1119	1110	1176	1231	1340	1467	1640	1742	1888	1947	1903	1801	1752	1887	1982	1896	1766	1827	2080	1819	1546	1495	1247	1372	1466	1624	1463	1309	874	479	439	547	513	674	1090	1554	1735	1392	823	574	362	470	537	776	814	883	889	
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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		489	489	489	489	489	489	489	489	489	489	489	489	489	489	489	489	489	302	302	302	302	302	302	302	302	302	302	302	302	302	302	302	126	126	313	401	401	489	489	489	302	489	489	453	489	676	676	500	
Hydro		323	324	281	291	327	326	324	314	325	282	325	310	283	282	329	316	271	370	446	445	400	447	443	398	449	448	446	443	396	400	412	490	544	511	454	316	367	377	363	290	480	325	357	492	398	372	376	334	
S.Reserve Total		2805	2753	2718	2785	2818	2923	3079	3226	3344	3463	3547	3494	3360	3315	3506	3575	3455	3239	3204	3208	2869	2589	2568	2220	2390	2471	2650	2483	2283	1859	1446	1498	1544	1474	1771	2275	2785	3015	2753	2029	1906	1820	1948	2174	2367	2563	2636	2422	