

Daily System Generation Summary on Tuesday

Tuesday, July 12, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,454 MW
Distillate	0 MW
Total TNB	2,454 MW
Total IPP	19,762 MW
Total Co-Gen	0 MW
Total System	25,857 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,142	4.86 %
Gas	37,227	10.55 %
Total TNB	54,369	15.41 %
ST-Coal	202,280	57.32 %
LSS	2,755	0.78 %
Gas	92,747	26.28 %
Total IPP	297,782	84.39 %
Co-Gen	1,135	0.32 %
Total Co-Gen	1,135	0.32 %
Total Generation	353,286	100.12 %
PLTG	2,760	0.78 %
HVDC	-2,350	-0.67 %
Interconnection	410	0.12 %
Net Energy	352,876	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:	16:00:00 Hour
Total Set On Bus	18,625 MW
TNB Generation	2,584 MW
IPP Generation	13,885 MW
Spinning Reserve	2,104 MW
Maximum Demand	16,553 MW
Net Energy	352,876 MWH
Load Factor	88.82 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	828
Hydro	411
Syncon	635
Thermal	326
Total	2,200

Time	Weather	Temperature
Afternoon	Cloudy	33
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	50
Total TNB	79
CBPS	45
EMPP	303
NPRI	142
PCGP	75
PLPS	31
SPGP	170
Total IPP	766
Total Gas	844
Total Gas Required	844

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	14103	13564	12948	12659	12302	12176	12302	12416	13229	14865	15692	16034	15854	15699	16251	16450	16553	16218	15258	15227	16041	15951	15473	15028

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, July 15, 2022 11:03:55 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	213	215	215	214	213	214	215	214	213	214	214	213	214	215	213	218	408	659	705	705	707	708	708	710	707	703	705	705	707	705	707	704	708	708	707	705	707	704	704	706	706	707	503	354	218	214				
JMAH	U002	216	211	216	213	213	213	214	214	213	214	214	214	212	214	213	212	214	215	355	641	701	698	709	706	713	706	704	708	705	704	705	708	704	707	704	706	704	706	703	708	706	708	705	706	709	539				
JMHE	U001	938	941	888	847	800	798	800	799	799	800	800	794	802	801	798	800	802	981	984	976	982	977	979	977	980	981	981	979	984	980	976	977	980	978	976	978	978	974	980	978	978	981	980	978	980	979	937	941		
JMHE	U002	940	941	891	848	801	800	801	800	800	801	800	793	800	802	801	802	798	936	980	977	981	980	980	981	979	981	982	981	982	978	976	977	978	980	980	978	981	974	978	981	981	980	980	980	982	979	942	942		
JMJG	U001	675	671	612	664	662	672	667	668	669	668	667	671	669	666	665	666	673	676	671	672	673	674	674	671	673	673	675	673	672	673	677	671	673	677	668	634	566	615	677	668	672	670	673	672	673	668	678	678		
JMJG	U002	681	678	677	673	678	674	685	677	686	679	678	682	683	673	681	681	677	682	684	684	674	681	678	680	678	685	675	683	678	679	679	677	676	678	677	680	682	682	679	678	682	679	679	678	679	681	677	682		
JMJG	U003	675	672	678	671	682	675	688	671	678	672	673	678	676	676	669	679	673	674	668	675	668	676	677	675	673	673	673	683	675	676	674	673	674	669	674	672	675	677	677	678	672	671	673	678	674	675	675	677		
JMJG	U004	939	938	881	853	843	805	805	804	804	804	807	806	804	805	806	805	804	839	898	958	977	975	977	973	977	973	976	977	973	973	977	975	976	977	976	974	976	974	973	975	974	973	975	973	973	949	939			
PKLG	U003	149	150	150	149	150	149	150	148	149	150	150	150	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149		
PKLG	U004	144	144	144	143	144	143	145	142	141	146	145	145	145	142	144	144	144	145	147	145	146	146	145	143	142	143	142	145	146	145	145	146	150	144	144	146	145	144	144	145	144	148	145	146	145	145	146			
PKLG	U005	268	268	269	267	271	267	267	271	268	269	269	269	268	269	268	271	269	269	269	267	269	268	267	271	269	268	269	269	269	268	269	269	269	268	267	270	268	267	269	269	268	271	269	269	268	269	269	269		
PKLG	U006	268	268	267	272	269	267	270	264	269	270	266	269	268	268	270	266	269	267	269	267	269	268	269	267	269	266	269	268	268	272	269	266	271	267	268	269	267	269	268	270	269	269	270	267	273	269	269			
TBIN	U002	211	210	213	211	212	212	211	214	210	213	210	212	211	211	235	385	553	671	704	699	701	699	701	700	697	701	702	699	702	702	700	701	699	700	607	413	254	210	211	211	210	210	211	211	211	211	209	209		
TBIN	U003	354	243	211	213	211	211	212	212	213	212	211	212	212	213	212	323	477	638	700	698	699	706	698	699	703	702	700	700	700	702	699	696	702	700	701	699	698	698	699	699	699	700	698	701	700	700	697	678		
TBIN	U004	939	941	919	853	837	802	803	803	805	803	804	803	804	801	802	803	802	862	939	940	942	940	940	942	939	939	937	938	938	937	937	937	938	936	939	936	938	938	940	938	939	938	941	937	938	939	939			
Total ST-Coal		7610	7491	7231	7091	6986	6902	6933	6901	6917	6915	6908	6911	6923	6902	6928	7202	7517	8221	8682	8983	9188	9489	9543	9529	9547	9550	9550	9554	9546	9546	9537	9531	9540	9543	9441	9209	8991	8984	9051	9045	9048	9046	9058	8856	8693	8467	8272			
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	361	361	364	361	361	361	242	222	222	222	223	217	222	223	222	221	230	363	365	361	368	362	361	358	325	222	222	223	225	222	354	361	223	222	218	222	219	220	222	320	356	361	355	355	235	219	218	214		
EMPP	BLK1	704	702	715	698	693	710	695	699	693	703	664	652	691	704	704	694	715	710	714	715	721	707	662	639	594	686	673	687	715	703	648	706	710	710	693	709	695	705	710	710	689	710	687	689	699	694	701	680		
EMPP	BLK2	701	701	714	700	693	709	692	698	684	703	686	662	691	702	703	700	715	710	714	714	721	707	666	657	615	685	687	696	715	707	661	706	710	710	708	709	707	481	643	710	704	709	701	704	711	706	707	700		
EMPP	BLK3	632	701	715	690	694	710	694	698	690	707	664	611	617	662	635	695	711	710	718	714	721	708	662	640	594	687	660	690	715	705	648	706	710	710	693	414	409	493	647	710	690	709	687	686	698	692	696	685		
GLGR	GT02	107	107	107	107	97	92	92	92	92	92	92	92	92	93	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92		
GLGR	ST1C	46	46	46	46	43	41	40	40	40	41	41	40	40	39	40	40	40	40	40	40	41	41	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40			
NPRI	BLK1	515	516	523	515	516	517	517	515	397	320	318	313	320	320	319	316	326	515	522	517	526	515	516	511	512	349	348	348	352	349	505	319	385	506	500	505	356	316	318	517	507	516	506	509	514	509	510	503		
NPRI	BLK2	522	518	536	520	515	530	513	390	335	334	352	401	497	516	460	384	527	523	528	529	539	519	475	457	386	336	335	345	530	518	326	438	532	484	445	339	346	488	340	494	427	470	425	427	367	331	332	323		
PCGP	PGRG	602	602	616	602	400	404	404	402	400	402	401	390	402	402	401	402	413	409	411	406	424	399	401	395	397	401	401	449	457	600	580	601	607	600	597	600	592	448	455	551	587	603	585	588	598	592	591	581		
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	137	120	119	119	119	120	72	73	72	71	73	72	72	0	0	0	0	0	0	0	0	0	0	0	0	
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	6	43	44	43	45	43	54	103	112	139	143	143	107	109	108	109	109	108	64	63	63	64	64	64	63	64	123	125	125	124	125	124	125	125	125	125	125	125
PLPS	ST18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	45	54	59	60	135	133	132	132	131	131	131	96	94	93	93	94	93	93	94	66	59	58	58	58	58	58	57	57	58		
SPGP	BLK1	598	448	450	450	451	450	452	452	450	451	453	451	448	450	450	450	449	449	448	446	447	449	448	446	448	448	450</																							

Daily MW Generation on Tuesday

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	
KNYR	HY03	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	
KNYR	HY04	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	101	
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	17	17	17	17	17	17	
LPIA	HY02	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
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	21	21	21	21	21	
PGAU	HY04	21	21	21	22	21	22	22	22	22	22	21	21	21	22	22	21	21	22	22	21	22	21	21	21	
SIHY	HY02	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	
SYPS	HY01	25	25	25	25	25	25	25	25	25	25	17	17	17	17	17	17	17	17	17	17	25	25	25	17	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	25	25	17	
TMGR	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	
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	41	42	55	41	42	42	42	41	41	41	41	41	41	41	41	41	41	42	83	49	39	42	86	56	
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	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		683	684	697	684	684	655	655	654	654	654	654	653	645	646	646	657	647	647	676	680	657	732	733	731	
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	3	1	3	7	11	11	13	15	17	17	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	9	12	3	3	2	1	3	5	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	8	10	11	21	11	7	2	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	7	12	15	19	20	28	24	12	15	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	8	9	13	17	17	22	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	7	7	14	14	15	22	13	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	1	3	14	13	8	11	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	13	10	8	5	2	1	1	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	10	15	23	21	23	22	26	15	35	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	5	5	6	8	11	26	37	40	61	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	4	4	9	20	24	19	26	16	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	9	9	17	10	
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	16	33	53	47	48	34	40	28	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	9	19	18	12	15	10	61	23	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9	12	13	21	20	26	32	31	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	11	12	21	26	42	52	82	89	78	58	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	11	7	14	18	21	23	25	3	
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	6	13	20	35	31	21	24	18	15	
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	9	13	11	13	23	20	15	20	
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	7	11	16	18	26	30	22	21	
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	20	55	97	148	232	271	358	392	455	
PCUF	CUFG	28	28	29	28	27	29	28	28	30	28	28	29	29	29	28	29	27	29	29	28	27	28	28	27	28
PCUF	CUFK	23	7	5	4	3	4	4	4	5	5	4	6	5	2	4	3	17	27	27	27	26	26	25	25	
Total Co-Gen		51	35	34	32	30	33	32	32	35	33	32	35	34	29	32	31	45	55	56	56	55	54	53	54	52
Total Gen		14150	13862	13550	13298	12964	12827	12673	12508	12321	12288	12201	12139	12345	12440	12392	12636	13212	14336	14895	15336	15713	15970	16063	16152	
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		-98	-98	-97	-99	-99	-97	-98	-97	-97	-98	-100	-99	-99	-99	-98	-98	-97	-97	-98	-98	-97	-97	-98	-97	-97

Daily MW Generation on Tuesday

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-PLTG		145	124	84	131	115	128	112	115	116	125	124	134	142	158	73	104	82	100	127	132	119	103	126	175	144	164	139	64	74	109	97	49	65	105	187	77	60	103	66	136	165	134	170	109	98	94	81	135
Interconnection		47	25	-14	33	16	31	14	18	19	26	25	35	43	58	-24	7	-17	2	30	33	21	5	29	78	47	65	41	-33	-23	11	-1	-49	-32	5	88	-20	-37	7	-33	37	69	37	71	11	-1	-3	-18	38
System Total		14103	13837	13564	13265	12948	12796	12659	12490	12302	12262	12176	12104	12302	12382	12416	12629	13229	14334	14865	15303	15692	15965	16034	16074	15854	15765	15699	16034	16251	16536	16450	16546	16553	16520	16218	15686	15258	14999	15227	15816	16041	16115	15951	15869	15473	15229	15028	14709
SRev ST-Coal		663	666	844	879	871	874	849	878	863	874	872	860	867	876	874	868	873	681	508	400	351	329	286	294	283	273	279	278	285	284	292	303	294	289	368	401	374	412	341	322	316	319	313	309	386	411	506	604
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		430	584	668	745	972	999	1183	1315	1521	1550	1629	1697	1644	1515	1596	1631	1406	1021	1040	980	895	954	1219	1212	1556	1658	1696	1384	1119	774	895	784	746	682	765	1121	1293	1463	1178	509	401	280	409	410	619	698	691	754
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	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
Syncon		675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675
Hydro		356	355	342	355	355	334	334	335	335	335	335	335	336	344	343	343	332	342	342	313	309	372	422	421	423	421	421	434	393	428	439	434	389	401	415	416	419	415	415	414	562	454	464	419	416	419	417	423
S.Reserve Total		2124	2280	2529	2654	2873	2882	3041	3203	3394	3434	3511	3567	3522	3410	3488	3517	3286	2719	2565	2368	2230	2330	2602	2602	2937	3027	3071	2771	2472	2161	2301	2196	2104	2047	2223	2613	2761	2965	2609	1920	1580	1541	1674	1813	2096	2203	2289	2456