

Daily System Generation Summary on Tuesday

Tuesday, April 19, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,027 MW
Distillate	0 MW
Total TNB	2,027 MW
Total IPP	18,232 MW
Total Co-Gen	0 MW
Total System	24,184 MW

Generation Mix

Type	MWh	Percentage
Hydro	11,415	3.13 %
Gas	48,570	13.32 %
Total TNB	59,985	16.45 %
ST-Coal	225,433	61.81 %
LSS	3,800	1.04 %
Gas	74,996	20.56 %
Total IPP	304,229	83.42 %
Co-Gen	1,270	0.35 %
Total Co-Gen	1,270	0.35 %
Total Generation	365,484	100.22 %
PLTG	146	0.04 %
HVDC	645	0.18 %
Interconnection	791	0.22 %
Net Energy	364,693	100.00 %

Maximum Demand Record

Date: 3/29/2022	18,840 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	18,055 MW
TNB Generation	3,180 MW
IPP Generation	13,482 MW
Spinning Reserve	1,340 MW
Maximum Demand	16,697 MW
Net Energy	364,693 MWH
Load Factor	91.01 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	769
Hydro	409
Syncon	403
Thermal	246
Total	1,827

Time	Weather	Temperature
Afternoon	Rainy	31
Morning	Cloudy	23

Gas Usage

Station	(mmscfd)
GLGR	54
TJGS	80
Total TNB	134
CBPS	42
EMPP	173
NPRI	160
PCGP	62
PLPS	63
SPGP	192
Total IPP	692
Total Gas	826
Total Gas Required	826

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	15398	14768	14303	13736	13540	13526	13482	13132	13144	14270	15232	15538	15611	15581	16282	16594	16631	16277	15847	15806	16462	16697	16305	15944

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, May 9, 2022 8:52:34 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	697	698	700	695	703	697	702	696	696	696	695	696	695	694	697	694	693	694	701	695	694	697	696	696	698	695	694	695	695	696	697	696	697	698	697	696	697	696	695											
JMAH	U002	695	696	693	696	692	695	696	697	696	695	694	695	694	694	697	695	692	696	694	697	694	697	695	692	696	694	697	694	696	697	695	697	700	696	695	696	696	693												
JMHE	U002	980	979	974	961	900	902	900	904	900	901	850	849	855	849	848	852	850	850	896	985	980	977	980	979	981	981	978	979	979	976	981	984	978	983	975	969	970	974	975	978	977	978	975	975	974	976	975	973		
JMJG	U001	674	671	671	673	672	667	677	672	674	673	671	669	675	672	666	668	677	677	671	674	672	673	671	672	673	672	672	674	673	662	666	668	667	668	666	668	663	667	666	668	667	668	667	666	665	666	665	668		
JMJG	U002	668	670	673	669	672	645	645	655	642	656	642	660	640	650	652	641	651	643	651	634	639	644	629	662	677	673	674	676	662	668	661	656	657	653	598	601	625	625	629	631	629	634	643	653	651	641	660	679		
JMJG	U003	597	590	591	593	596	596	597	626	645	619	573	592	604	590	607	627	673	667	667	667	671	665	662	662	663	667	668	668	665	666	672	667	662	671	659	668	667	668	668	667	673	666	671	660	675	675	668	667		
JMJG	U004	977	977	974	977	921	900	899	867	854	854	851	851	855	854	855	854	852	854	861	919	976	975	972	977	977	977	975	977	976	979	978	974	978	977	977	977	980	974	977	978	981	977	977	978	975	977	974	979		
JMJG	U005	973	972	972	972	896	900	900	848	862	831	854	849	850	853	850	850	851	848	871	975	973	972	972	971	972	972	970	977	972	971	974	973	972	976	977	976	977	978	975	975	972	972	975	976	976	976	974			
PKLG	U003	279	276	276	274	276	276	274	272	274	275	279	280	275	277	277	276	280	270	278	274	274	272	275	276	277	275	274	279	277	275	279	274	279	279	276	278	281	276	279	278	276	275	274	278	279	281				
PKLG	U004	275	272	277	275	270	268	270	273	274	274	271	274	274	274	273	272	268	272	274	271	274	271	267	273	273	273	286	274	272	271	271	269	256	255	253	254	254	259	255	249	255	273	270	275	274	273	274			
PKLG	U005	359	359	359	427	461	395	358	357	359	359	359	359	357	359	357	357	361	358	359	359	358	358	357	357	359	359	357	359	357	359	361	360	359	359	357	358	357	357	359	359	358	358	357	352	378	424	424			
TBIN	U002	693	692	692	693	696	691	692	691	694	693	693	695	692	692	692	694	694	692	691	693	692	693	694	695	694	693	694	695	691	691	692	683	695	691	694	694	693	694	695	695	693	694	689	694	693	694	697	692		
TBIN	U003	694	693	685	693	690	692	695	693	691	693	694	693	692	687	688	692	690	691	692	689	690	693	690	692	694	692	691	693	693	693	688	692	693	693	692	691	694	690	692	692	692	690	691	692	692	692	692			
TBIN	U004	936	937	936	936	903	903	905	903	902	901	853	855	854	852	854	854	853	852	867	939	936	935	935	936	935	935	937	935	934	935	936	938	935	936	938	935	936	935	937	936	937	935	936	936	934	937	936	934	935	936
Total ST-Coal		9497	9482	9473	9534	9348	9227	9210	9154	9162	9121	8986	9014	9014	8998	9009	9029	9092	9060	9165	9475	9523	9519	9503	9536	9566	9562	9551	9589	9544	9534	9554	9530	9529	9531	9456	9460	9481	9492	9496	9507	9497	9498	9527	9520	9531	9554	9610	9627		
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	217	221	222	236	223	219	219	227	224	224	223	225	224	221	213	224	221	225	219	218	224	220	222	223	222	223	224	226	339	367	359	362	362	360	356	218	220	220	220	212	229	360	360	362	354	274	215	218		
EMPP	BLK2	682	488	518	448	481	473	414	438	411	450	508	473	432	434	401	410	429	494	449	455	588	691	600	624	512	514	524	610	716	718	641	675	702	659	642	693	539	507	680	694	715	704	705	708	696	702	702	654		
EMPP	BLK3	684	488	518	488	482	473	413	438	411	451	510	473	432	432	402	409	428	493	447	456	588	691	600	624	513	515	525	609	716	718	640	674	703	659	641	663	539	507	667	688	715	705	706	708	696	703	702	654		
GLGR	GT01	109	109	108	110	109	109	109	81	68	68	68	67	67	69	67	69	68	67	67	97	109	108	109	109	109	108	108	108	108	108	108	108	108	108	107	108	95	66	69	69	69	69	69	72	86	84	77			
GLGR	GT02	108	108	108	107	108	108	108	80	67	67	67	68	67	68	68	67	68	67	68	97	108	108	108	107	108	107	106	107	106	107	106	106	106	106	106	106	106	93	67	68	68	68	68	73	84	84	76			
GLGR	ST1C	99	99	99	99	99	99	99	85	72	71	72	71	71	71	71	71	71	85	98	100	100	100	100	100	99	99	99	99	99	99	99	99	99	99	99	99	96	73	72	71	71	71	71	71	83	83	82			
NPRI	BLK1	509	514	507	518	515	517	515	520	517	521	517	517	522	514	505	515	476	518	515	515	515	507	514	517	511	516	516	515	517	514	515	514	513	514	510	508	506	515	510	505	525	513	514	511	508	514	508	509		
NPRI	BLK2	512	518	512	523	519	519	519	524	521	525	518	519	522	519	506	352	399	523	520	520	520	512	518	519	511	520	518	521	532	525	519	521	519	519	514	476	482	518	495	486	527	445	428	462	471	490	496	500		
PCGP	PGRG	263	262	262	259	262	258	260	268	262	267	262	262	268	261	259	261	261	265	262	262	261	305	402	401	398	401	400	606	609	618	602	609	604	604	600	441	301	302	302	546	513	599	599	597	470	500	431	262		
PLPS	GT11	138	138	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	138	144	144	140	139	143	143	139	146	142	143	143	141	143	141	140		
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	0	0	0	0	0	0	0	0	0	0	6	118	144	144	140	147	145	145	143	141	143	0	0				
PLPS	GT13	134	133	127	126	124	124	124	124	124	125	126	123	124	124	125	125	124	125	142	142	141	140	139	140	139	137	138	137	136	136	142	146	145	142	142	142	143	139	144	143	143	143	141	144	141	144	141	140		
PLPS	ST18	139	141	142	59	59	58	59	58	58	58	57	58	58	58	58	58	58	58	58	58	61	59	59	58	58	59	59	59	59	59	57	143	143	144	141	196	212	212	209	213	213	212	212	210	210	145	142			
SPGP	BLK1	649	649	650	649	648	600	552	498	501	450	499	498	499	499	401	362	361	548	699	698	724	725	726	720	715	713	713	712	709	713	722	721	724	725	727	726	727	726	724	727	726	726	725	725	726	726	726</			

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			
HTRG	HY03	3	3	3	3	3	4	4	4	4	3	3	3	3	4	4	4	4	3	3	3	4	4	3	3	3		
HTRG	HY04	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3		
KNRG	HY01	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35		
KNRG	HY02	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37		
KNRG	HY03	35	35	35	23	22	23	23	23	23	24	23	23	23	22	23	23	23	23	22	22	22	23	21	21	21		
LPIA	HY01	17	17	16	16	16	16	16	16	16	16	16	16	16	18	19	19	20	21	21	21	21	21	20	20	20		
LPIA	HY02	18	18	16	16	16	16	16	16	16	16	16	16	16	17	19	19	20	21	21	21	21	20	20	20	20		
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	3		
PGAU	HY03	21	21	21	20	21	21	21	21	21	21	21	22	22	22	22	22	23	23	22	22	111	111	111	111	21		
PGAU	HY04	23	23	23	24	23	24	23	24	23	24	23	24	24	24	24	25	24	24	23	83	83	83	82	111	21		
SIHY	HY02	50	50	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50		
SIHY	HY03	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50		
SYPS	HY01	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25		
SYPS	HY03	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17		
SYPS	HY04	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17		
TMGR	HY01	0	33	33	59	43	45	46	61	83	84	78	60	80	43	41	43	66	67	43	86	86	86	86	86	86		
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
TMGR	HY03	41	41	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	31		
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	-1		
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	97	91	93	93	93	88		
UJLI	HY02	88	91	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	94	94	95	94	90	88		
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4		
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4		
Total Hydro		562	597	343	253	236	241	209	225	244	248	240	223	264	228	227	229	239	242	219	253	256	256	256	394	395	409	
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	0	0	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	6	7	11	13	23	24	26	26	27	12	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	16	18	21	22	27	32	32	14	9	4	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	11	14	23	26	30	33	27	18	27	32	13	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	16	20	29	34	41	15	28	17	39	40	33	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	13	20	26	29	31	41	42	48	48	50	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	10	13	14	21	22	24	23	16	21	18	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	13	22	22	31	35	20	43	48	33	45	23	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	11	18	33	32	63	64	78	88	94	76	95	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	9	16	28	31	37	40	40	39	43	24	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	10	17	19	24	27	30	30	19	20	10	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	12	15	23	27	30	28	30	24	12	10	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	13	21	27	33	34	37	46	45	42	50	49	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	11	19	26	33	33	46	32	31	51	50	41	
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	8	17	23	29	33	35	37	38	38	37	
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	7	10	7	17	22	27	28	20	23	29	28	
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	7	4	7	14	28	30	26	23	29	30	30	
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	3	16	65	128	214	260	377	437	517	582	568	552	564	540	
PCUF	CUFG	29	27	27	28	27	28	27	28	27	29	27	28	27	26	26	27	27	26	26	26	26	26	26	26	26	27	28
PCUF	CUFK	26	26	26	26	26	27	25	27	26	26	24	25	27	26	26	27	27	26	25	23	26	25	25	24	25	26	24
Total Co-Gen		55	53	53	54	53	55	52	55	53	55	51	52	55	57	55	54	53	55	54	52	51	50	53	51	51	50	50
Total Gen		15410	15050	14839	14516	14314	14081	13815	13677	13596	13604	13607	13544	13522	13455	13174	13011	13178	13892	14258	14728	15271	15557	15555	15829	15593	15602	
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

Daily MW Generation on Tuesday

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