

Daily System Generation Summary on Tuesday

Tuesday, June 7, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,422 MW
Distillate	0 MW
Total TNB	2,422 MW
Total IPP	19,747 MW
Total Co-Gen	0 MW
Total System	26,094 MW

Generation Mix

Type	MWh	Percentage
Hydro	9,624	2.56 %
Gas	40,051	10.64 %
Total TNB	49,675	13.20 %
ST-Coal	234,078	62.18 %
LSS	4,094	1.09 %
Gas	87,403	23.22 %
Total IPP	325,575	86.49 %
Co-Gen	908	0.24 %
Total Co-Gen	908	0.24 %
Total Generation	376,158	99.92 %
PLTG	-231	-0.06 %
HVDC	-62	-0.02 %
Interconnection	-293	-0.08 %
Net Energy	376,451	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	19,117 MW
TNB Generation	2,993 MW
IPP Generation	14,844 MW
Spinning Reserve	1,243 MW
Maximum Demand	17,937 MW
Net Energy	376,451 MWH
Load Factor	87.45 %

Fuel Cost

Total Cost:	97,711,963.98 RM
Cost per Unit	25.97 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	563
Hydro	421
Syncon	491
Thermal	181
Total	1,656

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	99
Total TNB	128
CBPS	46
EMPP	261
NPRI	145
PCGP	72
PLPS	51
SPGP	146
Total IPP	721
Total Gas	849
Total Gas Required	849

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	14898	14208	13741	13205	12892	12671	12818	12926	13875	15817	16736	17257	17157	16777	17280	17699	17937	17574	16381	16296	17412	17285	16730	16343

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 9, 2022 10:45:06 PM

(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	698	697	694	694	695	697	697	700	701	702	700	699	695	697	693	694	693	697	696	698	696	695	697	696	694	695																								
JMAH	U002	693	695	697	697	690	695	696	696	695	608	608	605	656	655	696	695	696	695	696	696	697	695	695	695	694	695																								
JMHE	U001	928	929	932	891	890	886	849	851	850	848	850	848	849	847	849	848	898	975	978	983	982	981	977	976	982	978																								
JMJG	U002	676	676	682	677	675	673	674	675	677	602	591	601	601	596	642	675	676	672	677	675	679	676	671	670	674	673	676																							
JMJG	U003	674	669	678	667	677	671	674	677	672	678	668	666	676	673	670	664	674	672	667	675	667	674	670	667	673	665	667	668	673	667	671	673	672	671	672															
JMJG	U004	971	934	932	897	892	889	855	857	856	857	856	854	855	854	857	866	923	980	980	983	980	977	974	974	975	977	971	974	976	972	974	976	977	974	977	975	974	974	975											
JMJG	U005	948	928	928	883	885	886	848	853	849	851	852	850	848	848	848	853	867	981	974	970	969	970	968	973	969	971	970	970	972	972	976	971	967	970	967	969	980	972	974	972	972	972	977	975	971	979	973	974		
PKLG	U003	278	280	275	216	166	148	150	148	151	149	151	150	151	151	151	149	182	261	277	278	282	280	279	280	276	276	276	278	276	277	276	280	278	276	279	278	272	268	269	266	275	275	271	273	271	278				
PKLG	U004	275	272	270	202	172	148	149	150	152	155	154	157	153	158	152	154	175	257	278	274	272	273	272	270	274	270	271	273	268	274	275	273	273	271	269	277	274	264	265	261	264	270	273	273	275	271	274			
PKLG	U005	466	468	462	377	303	269	269	267	269	268	267	270	269	271	269	268	286	372	462	466	469	466	469	466	466	470	464	467	463	464	468	468	468	463	468	462	468	468	468	466	468	468	467	468	468	468	468	465		
PKLG	U006	449	449	447	448	413	359	288	268	268	268	269	268	268	268	296	385	445	447	449	447	446	450	446	449	448	447	449	448	446	446	449	448	448	445	450	448	446	446	450	449	448	448	448	445	449	449	447			
TBIN	U001	689	686	692	691	689	690	687	690	690	689	690	687	690	688	690	687	682	688	689	689	689	689	690	688	688	692	688	689	689	686	689	687	690	688	687	687	689	688	687	689	690	685	687	689	687	689	689	686		
TBIN	U002	692	691	692	693	691	691	693	696	696	695	691	694	695	697	694	694	692	693	696	694	693	696	690	693	692	690	692	692	692	692	692	692	691	697	691	692	691	692	692	688	691	692	690	690	691	691	690			
TBIN	U003	687	697	704	687	690	697	602	451	297	303	299	299	299	301	299	414	561	700	691	687	707	678	690	693	689	686	694	688	691	682	688	701	690	692	690	692	690	695	690	690	687	689	690	692	686	693	682	689	693	685
TBIN	U004	936	938	940	895	894	893	852	851	855	852	853	853	853	853	854	853	869	942	939	938	935	939	939	938	940	940	937	934	938	940	939	937	940	936	937	938	938	937	938	938	935	935	935	935	937	938				
Total ST-Coal		10060	10009	10025	9615	9422	9292	8983	8830	8678	8525	8499	8503	8557	8558	8629	8801	9202	9973	10147	10152	10166	10139	10147	10134	10138	10130	10129	10143	10132	10121	10141	10147	10132	10127	10130	10133	10160	10130	10112	10121	10111	10113	10126	10142	10105	10140	10134	10127		
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			
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			
CBPS	BLK2	223	227	220	229	225	220	224	219	222	218	221	217	223	225	227	225	227	223	222	222	222	222	319	356	357	280	210	230	364	357	355	361	361	361	357	354	353	241	361	367	363	358	361	355	350	362	356	347		
EMPP	BLK1	423	422	375	383	378	375	375	373	376	372	375	371	374	378	376	378	432	490	494	480	597	710	709	709	707	706	696	712	714	712	709	712	710	710	711	706	701	710	709	719	711	709	710	706	696	710	705	691		
EMPP	BLK2	373	380	375	383	379	375	375	374	376	371	375	370	374	378	376	378	428	489	493	480	598	710	710	710	708	707	697	712	715	712	710	712	709	713	711	711	710	705	701	711	710	719	711	709	710	706	696	711	704	691
EMPP	BLK3	374	381	374	383	378	374	375	373	375	370	374	372	374	378	376	377	428	459	451	427	549	709	710	710	707	706	697	712	715	712	709	713	711	711	711	710	706	702	712	711	720	712	710	711	707	695	711	704	691	
GLGR	GT02	93	92	92	93	92	92	93	92	92	93	92	92	92	93	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		
GLGR	ST1C	40	39	40	40	40	40	39	39	39	39	40	39	40	40	40	39	40	40	40	40	40	39	39	40	40	40	40	40	40	40	41	39	40	40	40	40	40	40	40	40	40	40	38	40	40	39	39			
NPRI	BLK1	447	394	316	328	324	316	320	317	319	311	314	313	320	323	323	323	326	320	515	516	517	515	508	508	507	506	499	515	518	511	508	518	517	516	511	509	506	520	517	523	520	514	516	509	503	515	510	497		
NPRI	BLK2	468	473	359	394	368	332	342	335	335	327	332	328	349	385	372	383	483	520	521	518	520	518	497	520	505	504	481	514	530	524	497	531	530	529	524	508	501	532	529	536	533	527	528	501	487	529	506	499		
PCGP	PGRG	401	410	394	419	413	394	402	393	400	402	399	402	402	409	415	419	421	411	407	603	435	407	482	449	446	404	402	401	411	495	496	507	563	561	554	547	540	409	506	622	609	600	603	587	580	506	502	404		
PLPS	GT11	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	128	128	128	129	129	128	128	128	128	129	129	129	128	129	123	127	116	116	116	116	132	131	129	129	131	22	0		
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	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	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	ST18	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	58	58	58	58	59	58	58	58	58	58	58	58	58	58	59	58	54	131	133	134	136	205	207	207	206	206	181	135		
SPGP	BLK1	502	403	360	360	362	360	360	359	360	362	362	360	361	361	362	361	361	360	599	719	721	720	722	723	723	649	602	601	599	718	724	717	719	720	718	599	365	362	360	717	719	723	720	724	724	598	599	598		
SPGP	BLK2	502	401	362	359	360	359	360	358	360	361	360	361	360	359	362	360	361	359	598	713	711	712	713	713	648	599	599	599	711	714	712	714	713	712	597	359	361	361	0	0	0									

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	HY04	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3
KNRG	HY01	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34	34	34	34	34	34	
KNRG	HY03	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	36	36	36	36	36	37	
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
LPIA	HY02	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	18	19	19	19	19	19	
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	3	3	
PGAU	HY03	20	20	20	20	20	21	21	21	21	21	21	21	21	21	20	21	20	20	20	21	20	20	20	20	20	20	20	
PGAU	HY04	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	25	25	25	17	0	0	0	25	25	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	17	0	0	25	25	25	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	25	25	25	25	17	0	0	25	25	
TMGR	HY01	43	42	42	83	70	42	48	42	43	43	43	58	84	58	74	86	44	42	43	85	86	57	56	43	42	40	86	
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	-1	-1	-1	
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	31	2	2	0	84	
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	-1	-1	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	86	182	121	124	93	-1	-1	-1	100	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	93	-1	-1	-1	-1	-1	48	100	
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	5	5	5	
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		258	257	256	296	284	246	264	247	248	247	249	249	265	290	263	281	294	250	249	335	377	378	358	357	344	343	339	387
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0	0	0
PCUF	CUFG	22	24	24	24	25	24	25	25	25	24	24	23	21	21	18	18	18	17	17	16	19	19	20	20	20	21	21	22
PCUF	CUFK	17	15	14	17	15	15	15	16	17	15	17	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Total Co-Gen		39	39	38	41	40	39	40	41	42	39	41	40	40	40	41	40	38	40	37	37	36	40	37	33	33	36	32	33
Total Gen		14907	14631	14288	14027	13767	13515	13253	13055	12926	12740	12736	12719	12836	12917	12955	13188	13918	14906	15794	16356	16675	17037	17198	17313	17143	16900	16748	16941
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

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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