

Daily System Generation Summary on Thursday

Thursday, May 26, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,345 MW
Distillate	0 MW
Total TNB	2,345 MW
Total IPP	19,315 MW
Total Co-Gen	0 MW
Total System	25,819 MW

Generation Mix

Type	MWh	Percentage
Hydro	10,833	2.88 %
Gas	61,449	16.32 %
Total TNB	72,282	19.19 %
ST-Coal	213,847	56.78 %
LSS	4,669	1.24 %
Gas	83,392	22.14 %
Total IPP	301,908	80.17 %
Co-Gen	1,180	0.31 %
Total Co-Gen	1,180	0.31 %
Total Generation	375,370	99.67 %
PLTG	-537	-0.14 %
EGAT	5	0.00 %
HVDC	-695	-0.18 %
Interconnection	-1,227	-0.33 %
Net Energy	376,597	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:	16:30:00 Hour
Total Set On Bus	19,196 MW
TNB Generation	3,576 MW
IPP Generation	14,406 MW
Spinning Reserve	1,164 MW
Maximum Demand	18,026 MW
Net Energy	376,597 MWH
Load Factor	87.05 %

Fuel Cost

Total Cost:	97,310,903.98 RM
Cost per Unit	25.92 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	247
Hydro	521
Syncon	390
Thermal	444
Total	1,602

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	175
Total TNB	204
CBPS	49
EMPP	206
NPRI	154
PCGP	87
PLPS	39
SPGP	201
Total IPP	736
Total Gas	940
Total Gas Required	940

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	14695	13931	13479	13153	12920	12788	13258	13276	13658	15332	16105	16723	16698	16427	17214	17712	17851	17763	16656	16605	17864	17654	17193	16829

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 3, 2022 6:12:19 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

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	304	305	215	214	213	213	215	212	213	214	213	217	253	304	309	308	304	304	355	360	357	355	454	504	505	404	405	510	556	696	658	554	505	605	607	505	506	454	506	634	694	695	695	663	605	605	556	559	
JMAH	U002	305	281	219	214	214	213	214	214	215	214	213	213	254	304	311	307	306	304	354	358	354	353	456	504	504	404	406	485	556	695	655	554	505	585	603	504	504	454	504	632	695	696	696	665	605	608	556	558	
JMHE	U001	948	901	900	901	847	849	822	821	821	798	800	796	801	798	787	801	857	902	903	975	976	981	984	980	978	983	979	979	983	981	979	979	982	976	980	979	980	982	981	981	977	980	978	976	981	981	977	980	
JMHE	U002	949	903	900	900	853	850	823	819	820	801	799	802	800	798	799	799	851	898	900	972	980	981	983	978	979	981	978	979	980	979	977	980	980	981	980	977	978	980	984	982	979	981	976	975	979	976	978	980	
JMJG	U001	595	544	470	394	399	369	371	325	310	251	138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
JMJG	U002	517	515	514	514	515	517	516	453	447	454	449	516	583	643	640	640	665	679	662	680	668	673	679	674	665	618	561	534	512	446	431	393	398	383	383	383	377	368	365	338	314	306	287	288	189	183	0	0	
JMJG	U003	501	518	502	501	517	503	508	509	514	514	508	514	601	639	640	634	667	671	660	657	662	657	673	663	685	670	666	672	663	670	661	672	662	663	672	671	666	662	660	667	672	670	673	679	666	673	681	667	
JMJG	U004	952	903	904	903	885	854	822	822	825	808	807	808	806	805	804	804	823	881	944	976	977	979	980	980	977	979	978	980	978	975	978	979	978	979	978	980	981	980	978	981	980	982	981	979	977	983	982		
JMJG	U005	950	895	901	901	861	848	815	815	817	796	801	797	798	795	801	798	848	905	988	977	977	973	971	974	972	972	973	967	969	971	973	973	971	972	972	973	972	972	972	972	972	972	973	968	972	973			
PKLG	U004	156	154	154	155	155	152	153	150	155	152	155	160	157	155	154	155	155	156	155	155	157	154	156	156	152	152	152	153	158	156	197	253	275	277	278	275	255	187	165	204	247	270	270	275	277	272	275	274	
PKLG	U005	267	269	267	269	269	269	269	268	271	269	269	269	269	269	269	269	268	269	268	268	268	269	267	268	269	271	268	268	269	268	295	395	458	464	468	465	461	379	376	449	460	473	467	464	469	466	452	468	
PKLG	U006	268	268	269	269	271	268	268	268	268	268	268	268	269	269	268	269	269	268	268	268	268	269	268	271	269	269	268	268	268	331	423	449	449	449	446	451	434	388	417	449	448	449	449	449	446	449	446	0	
TBIN	U001	296	281	250	249	208	210	210	210	211	212	208	253	300	299	300	300	298	347	404	450	527	550	597	597	474	507	552	598	683	684	685	685	686	683	596	597	516	592	691	689	690	688	683	640	639	639	638		
TBIN	U002	306	302	251	253	211	213	212	213	212	210	212	211	256	307	301	301	300	303	351	417	456	546	552	604	601	479	492	553	605	681	681	687	691	690	689	601	602	541	603	693	690	691	691	692	641	641	639	641	
TBIN	U003	301	295	254	251	231	213	213	213	212	213	213	212	251	308	302	302	302	302	352	409	437	523	552	604	603	454	521	557	606	683	684	692	692	693	692	600	604	539	602	693	696	694	693	698	652	643	644	645	
TBIN	U004	936	903	900	902	873	856	823	822	825	803	802	802	802	804	803	803	835	903	938	939	939	934	938	939	938	938	937	938	941	939	941	939	938	939	940	940	939	938	941	940	936	937	940	938	938	941	936	938	
Total ST-Coal		8551	8237	7870	7790	7522	7397	7254	7135	7132	6978	6859	6793	7153	7498	7487	7490	7751	8043	8446	8815	8926	9174	9463	9696	9694	9048	9091	9395	9642	10154	10217	10184	10169	10342	10371	9900	9856	9340	9648	10306	10449	10484	10457	10398	10040	10022	9734	9303	
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	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	216	210	225	225	224	224	225	218	217	223	223	226	221	222	222	221	216	361	361	359	362	367	367	359	359	358	358	360	360	360	360	359	363	361	361	361	357	350	361	362	363	361	361	354	350	358	349	359	352
EMPP	BLK1	695	691	715	711	710	709	714	705	705	711	709	710	709	707	706	673	666	717	708	693	710	711	719	709	633	679	657	708	719	709	707	710	709	710	711	704	687	710	708	713	715	713	701	694	704	696	699	703	
EMPP	BLK3	695	691	714	711	710	709	713	705	705	710	709	710	709	708	706	664	666	716	708	693	709	710	719	710	633	675	653	708	721	708	709	710	711	710	711	704	687	710	709	713	715	713	701	695	704	697	699	702	
GLGR	GT02	92	92	92	93	92	92	92	92	92	93	92	92	92	93	92	92	92	92	92	92	92	93	93	93	107	107	107	107	93	93	92	103	106	105	106	106	106	92	93	92	92	92	92	92	93	93	92	92	
GLGR	ST1C	40	39	40	40	41	40	39	41	41	40	40	39	39	39	40	39	40	40	39	40	39	39	40	46	46	46	47	39	41	39	43	46	46	46	47	46	40	40	40	39	39	41	40	39	41	40	40	39	
NPRI	BLK1	505	497	454	445	445	445	446	441	439	349	355	521	520	445	441	392	392	520	516	511	517	516	523	514	509	514	511	516	521	511	511	516	517	516	509	506	493	515	515	517	521	520	506	502	508	503	505	508	
NPRI	BLK2	511	498	533	398	379	403	407	371	352	451	471	529	524	452	368	392	489	532	505	515	523	521	527	519	514	518	517	521	529	514	514	520	521	518	515	510	496	519	519	521	525	524	511	506	512	507	509	512	
PCGP	PGRG	403	410	419	549	597	596	595	588	586	601	601	603	601	596	591	592	590	613	604	594	607	604	622	598	594	601	594	602	621	593	596	599	602	603	592	582	557	603	600	606	610	608	583	571	585	576	579	588	
PLPS	GT11	134	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	135	131	139	125	125	124	124	124	124	125	125	124	123	125	125	124	125	125	125	125	125	142	141	140	139	139	139	124	125	125	125	142	139	139	140	137	125	124	125	126	124	141	140	140	140	140	141	141	
PLPS	ST18	138	137	61	57	58	58	58	58	57	58	59	58	59	58	57	58	58	58	58	58	58	61	59	60	59	60	60	57	58	59	58	61	59	59	59	59	58	58	58	58	58	59	59	58	59	58	59	59	
SPGP	BLK1	711	705	736	723	722	721	720	711	717	722	726	725	726	722	718	719	718	726	724	719	723	725	728	719	714	720	714	716	713	710	707	710	708	711	706	703	692												

Daily MW Generation on Thursday

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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	21	21
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	22	22
KNRG	HY03	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	36	36	36	35
LPIA	HY01	18	18	18	18	18	18	12	12	12	12	14	14	14	18	18	19	19	19	19	19	19	19	19	19
LPIA	HY02	18	18	18	18	18	18	12	12	12	12	14	14	14	17	18	18	19	19	19	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
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	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	21	21
SIHY	HY02	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	34
SIHY	HY03	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50
SYPS	HY01	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	25	0
SYPS	HY03	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	25	0
SYPS	HY04	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	25	25	25	0
TMGR	HY01	40	38	86	42	42	44	44	43	44	65	84	63	42	42	42	43	86	53	44	84	86	65	42	42
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	82	89	46	44	51	46	44
TMGR	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
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	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	92	93	182
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	8	7	7	8	7	8	7	7	7	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8
Total Hydro		491	356	405	361	360	261	262	262	251	253	274	294	275	258	257	258	264	310	277	268	310	313	312	374
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	146	36	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
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	28	27	27	29	23	25	22	23	23	24	22	22	22	25	27	26	27	25	23	22	23	22	21	20
PCUF	CUFK	27	27	26	26	27	26	27	26	25	26	26	26	26	27	26	27	26	26	26	27	26	26	26	27
Total Co-Gen		55	54	53	55	50	51	49	49	48	50	48	48	48	52	53	53	53	51	49	48	50	48	47	46
Total Gen		14636	14128	13840	13665	13417	13209	13081	12875	12839	12742	12671	12846	13180	13354	13240	13174	13583	14470	15180	15638	15960	16287	16652	16822
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 Thursday

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		-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-28	-28	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-30	-28	-30	-28	-28	-30	-30										
TIE-PLTG		-30	-36	-62	-51	-33	-53	-44	-24	-53	-29	-88	-46	-49	-12	-8	-30	-46	-126	-124	-64	-116	-74	-42	-28	-15	-12	21	-12	-76	-22	15	-11	-2	35	66	87	71	-36	-33	-1	-45	7	50	11	41	-4	26	32	
Interconnection		-59	-66	-91	-80	-62	-81	-72	-53	-81	-58	-117	-75	-78	-40	-36	-59	-75	-154	-152	-93	-145	-104	-71	-57	-43	-41	-8	-42	-105	-51	-14	-40	-31	6	37	58	42	-65	-64	-31	-73	-23	22	-19	13	-32	-3	2	
System Total		14695	14194	13931	13745	13479	13290	13153	12928	12920	12800	12788	12921	13258	13394	13276	13233	13658	14624	15332	15731	16105	16391	16723	16879	16698	16489	16427	16897	17214	17730	17712	17915	17851	18026	17763	17189	16656	16383	16605	17560	17864	17863	17654	17529	17193	17064	16829	16506	
SRev ST-Coal		858	1015	1041	1013	1041	1070	1080	1130	1066	1125	1098	1069	1104	1068	1070	1072	1016	934	805	622	623	619	592	612	607	656	588	609	635	313	384	409	263	273	264	438	490	573	554	324	225	171	198	257	566	458	456	451	
SRev CCGT-Gas		999	1057	910	950	924	909	893	980	1001	948	919	698	705	863	966	1055	983	532	258	268	200	178	132	351	642	243	302	196	161	240	249	190	180	185	203	251	383	238	238	217	205	188	288	328	257	313	288	267	
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 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 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 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	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	588	588	401	214	214	214	214	214	214	588	275	401	313	126	126	126	126	126	313	214	0		
Hydro		547	419	370	415	415	415	413	413	424	423	402	382	401	418	418	418	412	366	399	407	366	363	364	401	424	424	379	384	376	523	502	588	586	492	589	598	400	617	518	534	652	653	687	758	775	662	655	677	
S.Reserve Total		2893	3167	2997	3054	3056	3070	3062	3199	3167	3172	3095	2825	2886	3025	3130	3221	3087	2508	2138	1973	1865	1836	1764	2040	2349	1999	1945	1777	1760	1477	1349	1401	1243	1164	1270	1501	1861	1703	1711	1388	1208	1138	1299	1469	1724	1746	1613	1395	