

Daily System Generation Summary on Wednesday

Wednesday, May 25, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,424 MW
Distillate	0 MW
Total TNB	2,424 MW
Total IPP	20,286 MW
Total Co-Gen	0 MW
Total System	26,436 MW

Generation Mix

Type	MWh	Percentage
Hydro	10,243	2.70 %
Gas	57,464	15.14 %
Total TNB	67,707	17.84 %
ST-Coal	221,528	58.36 %
LSS	3,487	0.92 %
Gas	84,808	22.34 %
Total IPP	309,823	81.61 %
Co-Gen	1,114	0.29 %
Total Co-Gen	1,114	0.29 %
Total Generation	378,644	99.74 %
PLTG	-273	-0.07 %
HVDC	-700	-0.18 %
Interconnection	-973	-0.26 %
Net Energy	379,617	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:	14:30:00 Hour
Total Set On Bus	19,424 MW
TNB Generation	3,071 MW
IPP Generation	14,136 MW
Spinning Reserve	2,164 MW
Maximum Demand	17,341 MW
Net Energy	379,617 MWH
Load Factor	91.21 %

Fuel Cost

Total Cost:	98,888,148.95 RM
Cost per Unit	26.12 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	627
Hydro	588
Syncon	363
Thermal	638
Total	2,216

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	31
TJGS	151
Total TNB	181
CBPS	45
EMPP	191
NPRI	153
PCGP	79
PLPS	94
SPGP	201
Total IPP	763
Total Gas	944

Total Gas Required 944

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	16167	15476	14916	14470	14036	13877	14062	13802	14303	16094	16835	17213	16975	16528	17092	17275	17227	16768	15870	15848	16753	16586	15904	15434

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 3, 2022 6:17:09 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

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	605	656	554	505	504	549	507	508	453	454	456	458	455	454	404	354	358	357	353	355	357	355	357	355	405	405	390	354	359	368	455	456	414	354	354	357	355	304	306	304	304	306	304	401	404	376	303	304	307	307
JMAH	U002	606	654	558	505	507	542	503	505	453	453	458	457	454	453	403	354	355	356	357	356	354	354	405	404	387	354	357	386	456	454	415	353	355	359	356	305	303	305	303	303	304	382	407	358	303	304	307	308		
JMHE	U001	972	977	978	978	930	930	930	901	900	869	870	871	868	872	866	871	871	912	967	976	980	979	977	978	983	977	979	979	982	978	979	981	978	979	976	978	979	977	978	975	981	979	979	980	979	981	981	953		
JMHE	U002	978	979	981	744	753	654	501	504	501	504	499	499	500	503	504	749	753	902	981	979	980	982	974	982	982	978	980	980	982	979	983	979	978	979	977	977	979	981	983	980	980	979	979	979	980	965	978	953		
JMJG	U001	629	646	648	649	657	640	607	586	590	599	601	633	644	637	642	651	648	645	629	637	634	652	667	674	672	675	681	675	668	667	671	666	666	670	669	623	569	557	579	643	618	615	613	618	554	558	540	546		
JMJG	U002	628	646	645	648	672	677	673	674	676	675	674	679	669	679	670	673	671	668	675	677	672	672	678	677	677	668	675	673	673	678	676	672	673	672	673	626	559	553	568	640	615	618	618	618	546	548	587	558		
JMJG	U003	0	0	0	0	0	0	0	0	0	0	0	25	87	187	260	386	408	480	552	609	587	586	621	660	651	657	662	557	550	540	594	594	620	677	671	629	541	551	586	645	610	619	616	609	540	550	601	542		
JMJG	U004	981	979	976	976	957	929	933	908	905	884	877	873	876	874	877	877	872	887	942	977	978	980	978	975	983	977	977	977	980	981	981	980	982	977	977	975	977	977	980	977	981	982	976	979	980	966				
JMJG	U005	965	972	965	971	931	928	929	899	898	871	868	871	869	871	868	871	868	884	978	972	972	972	972	974	972	974	971	977	975	972	973	972	975	972	973	971	973	972	968	972	973	971	972	974	973	973	956			
PKLG	U004	148	154	154	151	153	155	156	154	150	153	153	153	154	156	154	157	153	153	154	155	156	154	153	153	154	150	154	156	152	152	155	153	155	155	154	154	155	155	154	155	156	151	152	153	153	154	159	157		
PKLG	U005	267	270	268	269	269	269	268	269	267	271	268	269	268	268	269	269	268	269	269	268	269	267	269	270	269	268	270	268	269	269	267	270	268	269	268	268	269	269	272	267	269	269	267	269	268	269	265			
PKLG	U006	386	302	269	269	268	268	269	269	269	268	268	269	269	268	269	268	268	268	268	268	268	269	269	269	269	268	268	268	268	269	269	269	269	269	251	272	269	267	268	268	269	269	269	269	269	269	269			
TBIN	U001	647	693	648	597	557	575	577	551	500	495	498	500	499	498	499	447	450	448	449	449	449	467	552	548	493	449	398	382	449	504	476	446	449	449	436	384	298	300	323	367	429	378	388	392	392	392	346	349		
TBIN	U002	653	681	658	602	553	585	580	568	544	504	505	503	503	504	500	441	454	451	454	453	452	459	554	554	501	455	399	386	448	508	498	452	449	454	447	393	299	304	331	382	436	456	453	454	399	352	353	316		
TBIN	U003	652	692	655	604	557	579	584	560	533	506	503	502	503	503	503	454	453	453	453	451	465	558	553	503	451	398	386	453	502	488	454	454	452	443	390	300	303	327	366	407	451	453	452	423	347	353	302			
TBIN	U004	934	936	934	935	934	935	936	903	902	873	875	875	873	872	873	874	873	895	937	934	933	933	934	934	933	933	933	934	934	934	935	935	933	932	935	936	934	935	935	935	935	937	936	937	935	937	935	936		
Total ST-Coal		10051	10237	9891	9403	9202	9215	8953	8759	8541	8380	8373	8436	8491	8600	8560	8697	8723	9038	9418	9518	9492	9546	9664	10008	9821	9587	9465	9346	9696	9845	9772	9531	9555	9625	9578	9166	8711	8713	8858	9177	9264	9452	9487	9417	8997	8879	8940	8683		
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	231	220	226	222	218	220	223	223	223	221	222	222	221	214	220	219	225	223	349	370	357	363	359	359	352	375	358	359	360	366	364	361	353	353	220	217	275	353	363	361	353	343	221	218	219	223				
EMPP	BLK1	696	479	563	620	621	611	620	682	620	625	631	603	604	566	405	401	501	468	621	709	667	721	689	681	614	607	594	736	700	661	624	718	688	650	629	666	710	702	705	701	711	695	694	689	705	711	710	711		
EMPP	BLK3	696	478	563	610	612	602	610	682	619	625	631	603	600	602	550	405	401	495	469	624	709	667	721	689	681	614	607	594	735	698	659	624	718	687	649	631	667	710	702	705	701	711	694	694	688	705	711	710	710	
GLGR	GT02	93	92	92	92	93	92	92	92	92	92	92	92	92	94	92	92	92	92	99	108	109	107	92	109	109	109	109	109	109	109	107	107	107	107	107	107	107	107	107	107	107	107	107	97	92	93				
GLGR	ST1C	41	40	41	40	41	40	39	39	41	40	40	40	41	41	39	39	39	41	46	47	47	41	45	46	46	47	48	48	48	48	47	46	46	46	46	46	46	46	46	46	46	46	46	46	43	40	40			
NPRI	BLK1	506	520	398	400	397	391	396	404	398	404	398	400	403	493	486	484	495	515	521	519	520	525	517	520	517	515	506	524	517	512	517	527	520	515	505	508	521	511	512	511	520	506	505	500	514	520	518	519		
NPRI	BLK2	490	399	401	411	401	326	349	354	335	340	335	351	451	496	489	485	500	519	524	523	524	533	520	524	520	517	509	533	521	514	520	533	523	518	508	509	524	514	517	516	524	510	510	502	517	524	522	523		
PCGP	PGRG	481	401	402	405	397	394	397	414	400	411	400	401	404	405	401	401	402	595	600	602	601	623	594	602	593	589	571	643	595	586	591	616	600	589	570	572	601	584	589	586	600	574	568	559	590	602	597	447		
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	105	143	142	141	136	136	135	139	137	135	137	142	139	137	134	134	140	137	135	135	139	135	134	133	135	140	140	139		
PLPS	GT12	116	119	119	120	119	115	119	68	69	69	69	70	69	69	66	65	70	150	149	149	150	142	148	143	145	142	143	145	142	143	141	148	146	143	141	142	145	142	141	143	145	141	140	139	143	145	0	0		
PLPS	GT13	105	109	108	109	109	104	109	61	61	61	61	61	61	60	58	59	64	138	137	137	136	142	141	141	139	139	136	139	138	138	136	141	141	138	136	135	140	138	137	136	139	135	135	134	137	141	140	140		
PLPS	ST18	129	131	130	130	131	128	130	91	89	90	92	91	90	91																																				

Daily MW Generation on Wednesday

[illegible]

Daily MW Generation on Wednesday

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-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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0