

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,430 MW
Distillate	0 MW
Total TNB	2,430 MW
Total IPP	19,111 MW
Total Co-Gen	0 MW
Total System	25,337 MW

Generation Mix

Type	MWh	Percentage
Hydro	16,452	4.33 %
Gas	42,583	11.20 %
Total TNB	59,035	15.53 %
ST-Coal	237,118	62.37 %
LSS	4,164	1.10 %
Gas	79,353	20.87 %
Total IPP	320,635	84.34 %
Co-Gen	743	0.20 %
Total Co-Gen	743	0.20 %
Total Generation	380,413	100.07 %
PLTG	2,596	0.68 %
EGAT	5	0.00 %
HVDC	-2,345	-0.62 %
Interconnection	256	0.07 %
Net Energy	380,157	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:	11:30:00 Hour
Total Set On Bus	19,346 MW
TNB Generation	2,650 MW
IPP Generation	14,627 MW
Spinning Reserve	2,033 MW
Maximum Demand	17,325 MW
Net Energy	380,157 MWH
Load Factor	91.43 %

Fuel Cost

Total Cost:	135,344,098.92 RM
Cost per Unit	35.58 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,007
Hydro	352
Syncon	676
Thermal	141
Total	2,176

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	71
Total TNB	100
CBPS	38
EMPP	264
NPRI	117
PCGP	70
PLPS	36
SPGP	183
Total IPP	708
Total Gas	808
Total Gas Required	808

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	16125	15359	14729	14322	14006	13741	13909	13821	14217	15764	16731	17229	16997	16512	16960	17181	17276	17125	16005	15843	16962	16866	16298	15955

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	706	704	706	706	705	706	705	706	706	705	606	609	607	606	700	707	707	705	706	708	702	707	704	705	706	706	705	703	706	705	705	705	705	707	705	705	707	706	706	707	707	705	707	705	706					
JMAH	U002	704	698	703	705	706	704	704	701	701	701	703	704	702	700	703	704	702	703	702	706	707	701	705	700	701	705	702	702	701	703	703	702	702	704	703	703	703	706	702	702	701	704	704	699	705	703	702	699		
JMHE	U001	977	977	982	930	931	852	852	850	851	847	852	848	846	849	842	852	898	980	980	977	980	978	980	977	979	981	979	979	979	979	981	976	978	978	977	977	979	980	980	980	975	976	980	982	979					
JMHE	U002	977	973	981	932	933	848	850	847	849	848	849	847	849	847	852	903	978	980	982	979	977	981	979	980	981	978	980	984	978	980	981	978	979	979	980	981	980	983	980	976	977	980	982	980						
JMJG	U001	594	581	585	557	540	530	579	626	660	666	660	665	659	666	665	667	669	667	666	666	667	666	666	666	669	668	667	666	666	668	664	667	666	663	666	666	668	670	665	667	667	668	665	668						
JMJG	U002	677	674	676	672	675	677	676	673	674	677	674	675	671	677	673	674	674	673	677	676	674	672	673	677	676	674	673	677	675	673	673	676	673	674	677	678	671	672	674	674	675	673	672	679	674	676	677			
JMJG	U003	662	662	663	667	662	615	627	673	671	673	669	671	670	672	666	672	673	623	618	668	665	672	669	667	672	671	674	672	676	667	672	665	672	666	672	671	668	668	665	666	665	666	662	667	665	668	669	667		
JMJG	U004	977	972	978	948	931	876	854	854	852	853	854	853	854	854	854	864	924	977	981	978	980	980	980	978	982	978	979	979	980	977	980	977	979	979	980	979	983	979	979	976	978	977	979	977	977	979	977			
PKLG	U003	202	232	275	277	275	280	279	236	151	151	150	151	150	151	150	149	199	274	279	282	278	280	280	279	278	281	279	280	279	280	278	278	277	277	276	277	276	276	279	276	278	276	278	281	279	282	277	285		
PKLG	U004	211	231	271	271	275	274	273	247	162	152	154	159	155	156	153	157	205	269	276	272	278	275	275	271	274	273	270	272	277	269	279	275	275	273	274	275	272	271	278	273	273	271	273	276	273	275	275			
PKLG	U005	397	432	466	464	464	386	297	269	269	268	269	268	267	269	268	267	269	299	399	464	468	469	468	466	468	465	468	470	467	462	469	468	465	468	468	467	461	468	469	464	467	466	468	470	466	466	467	466		
PKLG	U006	446	449	449	450	449	447	446	447	416	336	268	268	269	267	269	269	313	398	438	450	449	449	449	453	449	447	446	447	447	449	447	447	450	441	444	449	447	446	450	450	449	449	447	446	449	449	450	446		
TBIN	U002	698	698	698	698	698	698	698	698	698	698	698	698	698	698	698	698	698	698	698	698	698	696	700	700	696	696	703	703	693	693	697	697	702	702	696	696	697	697	697	697	697	697	700	696	701	700	701	697	701	700
TBIN	U003	703	703	703	703	703	703	703	703	703	703	703	703	703	703	703	703	703	703	703	703	703	699	699	699	697	697	701	701	699	699	696	696	698	698	699	699	699	700	697	697	698	699	698	698	699	702	699			
TBIN	U004	941	941	941	941	940	855	853	850	852	854	850	856	853	854	853	874	940	940	939	942	939	941	941	943	940	940	942	941	941	941	941	942	941	941	942	941	941	942	942	942	940	941	937	938	940	939	939	940	940	
Total ST-Coal		9872	9927	10077	9921	9887	9451	9396	9351	9181	9126	8965	8972	8953	8968	9043	9079	9377	9934	10104	10181	10168	10161	10162	10165	10161	10163	10175	10174	10162	10148	10165	10154	10166	10153	10151	10155	10163	10152	10154	10148	10157	10157	10153	10149	10156	10165	10172	10164		
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	218	212	223	222	223	222	220	223	219	224	224	223	225	223	221	223	222	223	222	220	223	223	223	217	221	219	223	218	218	213	223	221	224	221	222	223	223	222	222	223	219	216	217	222	223	223	223			
EMPP	BLK1	643	598	595	557	442	512	481	408	447	414	423	440	502	533	429	412	441	464	498	587	685	710	709	701	646	602	553	665	689	706	679	711	702	710	700	666	514	451	507	709	710	705	689	688	649	636	566	518		
EMPP	BLK2	657	619	590	558	443	512	481	409	447	410	422	438	505	533	428	412	440	465	487	584	684	710	709	703	659	600	564	670	704	705	695	711	710	710	710	666	516	451	509	709	710	712	703	702	648	636	566	518		
EMPP	BLK3	650	598	592	559	441	515	476	408	443	410	413	431	501	531	426	413	434	457	475	478	679	710	708	702	646	606	552	667	689	704	679	710	701	711	698	659	508	441	496	709	710	705	691	687	646	647	545	502		
GLGR	GT02	93	94	94	94	94	93	93	93	93	93	93	93	94	93	93	93	93	93	93	93	93	93	93	93	93	94	93	94	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94				
GLGR	ST1C	41	41	41	41	41	41	41	41	41	41	41	40	41	41	41	41	41	41	40	41	40	40	41	41	41	40	41	41	41	40	41	41	40	40	41	41	42	41	40	41	41	41	41	41	41	41	41			
NPRI	BLK1	509	305	318	320	320	320	319	318	320	315	319	320	320	321	323	319	320	319	320	318	316	320	321	319	314	317	317	319	313	383	521	448	511	517	512	349	311	311	310	310	399	445	439	439	407	310	311	311		
NPRI	BLK2	438	319	333	335	343	335	334	332	334	330	336	335	335	337	335	334	341	343	336	335	332	377	436	482	329	333	332	335	328	335	322	335	410	413	366	335	336	336	335	336	399	409	372	326	332	335	337	335		
PCGP	PGRG	393	393	402	402	401	402	400	395	401	393	402	402	404	402	396	402	400	402	400	401	394	554	601	602	503	397	392	403	392	588	474	604	597	604	596	400	404	402	401	532	602	598	586	439	397	403	404	402		
PLPS	GT13	124	124	125	124	125	124	124	124	124	125	124	125	124	125	124	125	124	125	124	125	124	125	124	125	124	124	124	124	124	124	125	124	125	125	125	125	125	125	125	125	124	125	124	124	124	126				
PLPS	ST18	59	59	58	58	58	58	58	58	58	58	58	59	58	58	59	58	59	58	59	59	59	59	58	59	58	59	58	59	58	59	59	59	59	58	59	58	58	58	58	58	58	58	58	58	59					
SPGP	BLK1	648	649	399	402	403	400	402	399	402	402	400	402	400	401	401	401	399	500	714	725	723	716	715	714	715	724	721	724	721	722	720	711	714	714	715	718	718	721	722	721	721	723	722	724	723	725	724	723		
SPGP	BLK2	647	649	399	399	402	401	402	401	399	402	400	401	401	400	400	401	401	499	597	722	722	715	718	716	716	721	721	722	720	720	719	713	713	716	715	720	720	721	722	722	719	720	722	723	722	723	722	721		
TJGS	GT2A	131																																																	

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	
KNYR	HY02	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	
KNYR	HY03	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	
KNYR	HY04	101	101	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	
LPIA	HY01	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
LPIA	HY02	21	21	21	21	21	20	20	20	20	20	20	20	21	21	21	19	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	20	20	20	21	
PGAU	HY04	21	21	22	22	22	22	22	22	22	22	22	22	22	22	21	22	22	21	21	21	21	21	21	21	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY03	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	50	50	50	50	
SYPS	HY01	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	7	
SYPS	HY03	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	16	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	17	
TMGR	HY01	43	40	42	44	48	43	43	43	43	42	43	43	42	48	42	43	42	43	43	42	40	42	42	42	
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	-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	-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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Total Hydro		692	689	608	610	614	607	607	607	606	643	608	608	607	607	607	614	618	610	608	609	627	634	634	636	635
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GBLS	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	
GELS	LSS1	16150	15741	15321	15067	14701	14461	14302	14027	13986	13807	13732	13755	13931	14039	13802	13785	14243	15176	15785	16350	16761	17084	17271	17313	
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	
KNLS	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	10	9	10	10	10	11	11	10	11	8	11	11	11	9	10	10	10	10	11	11	13	12	10	11	
PCUF	CUFK	4	4	5	3	4	5	6	4	3	3	6	4	4	3	4	5	5	5	4	4	3	13	24	26	
Total Co-Gen		14	13	15	13	14	16	17	14	14	11	17	15	15	12	14	15	16	15	13	14	13	23	34	36	
Total Gen		16150	15741	15321	15067	14701	14461	14302	14027	13986	13807	13732	13755	13931	14039	13802	13785	14243	15176	15785	16350	16761	17084	17271	17313	

Daily MW Generation on Wednesday

[illegible]