

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,472 MW
Distillate	0 MW
Total TNB	2,472 MW
Total IPP	19,301 MW
Total Co-Gen	0 MW
Total System	25,707 MW

Generation Mix

Type	MWh	Percentage
Hydro	19,026	5.20 %
Gas	52,252	14.27 %
Total TNB	71,278	19.47 %
ST-Coal	191,776	52.39 %
LSS	5,663	1.55 %
Gas	96,609	26.39 %
Total IPP	294,048	80.32 %
Co-Gen	619	0.17 %
Total Co-Gen	619	0.17 %
Total Generation	365,945	99.97 %
PLTG	803	0.22 %
HVDC	-931	-0.25 %
Interconnection	-128	-0.03 %
Net Energy	366,073	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	18,883 MW
TNB Generation	3,489 MW
IPP Generation	13,341 MW
Spinning Reserve	2,028 MW
Maximum Demand	16,912 MW
Net Energy	366,073 MWH
Load Factor	90.19 %

Fuel Cost

Total Cost:	115,779,117.41 RM
Cost per Unit	31.64 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	286
Hydro	643
Syncon	601
Thermal	898
Total	2,428

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	33
TJGS	97
Total TNB	131
CBPS	50
EMPP	311
NPRI	156
PCGP	89
SPGP	210
Total IPP	815
Total Gas	946
Total Gas Required	946

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	15134	14375	13849	13423	13143	12900	13124	13279	13558	14987	15664	16103	16138	15864	16140	16808	16880	16799	15921	15937	16881	16622	16140	15860

Daily MW Generation on Friday

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																									
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																									
ESTL	ESTL	13	18	20	20	8	19	15	12	17	11	7	12	14	14	17	16	17	15	12	15	13	10	14	16	16	17	18	15	12	14	14	16	14	15	13	15	15	13	14	14	21	20	20	15	16	3	15	0	
KHTC	BLK1	2	4	3	3	4	2	3	2	1	3	2	3	3	1	1	2	3	2	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2	2	2	1		
PCUF	CUFG	3	3	2	3	4	3	4	3	3	4	3	4	4	4	4	4	5	3	3	4	5	3	3	4	3	4	3	4	3	4	4	4	3	4	4	4	3	4	3	4	3	4	3	4	3	5			
PCUF	CUFK	4	2	2	8	9	7	8	8	8	8	9	8	6	7	4	6	5	6	8	6	7	8	7	7	6	7	5	5	7	6	6	6	6	7	6	6	6	7	7	7	5	6	7	5	7	7	7	6	
PFTZ	PFTZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 Co-Gen		22	27	27	34	37	20	34	28	24	32	25	22	23	25	23	29	28	29	31	21	27	26	22	25	25	27	27	26	25	22	23	24	25	25	25	23	24	26	24	25	29	30	34	26	28	16	27	12	
Total Gen		15169	14780	14439	14147	13894	13650	13457	13253	13110	12992	12920	13047	13215	13368	13308	13331	13573	14357	14925	15308	15617	15921	16076	16223	16058	15969	15842	15971	16197	16421	16806	16891	16856	16855	16774	16292	15924	15705	15864	16752	16866	16812	16629	16434	16112	16091	15841	15629	
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	
TIE-HVDC		31	31	31	31	29	29	30	30	31	31	30	30	30	30	30	30	-29	-28	-98	-99	-98	-97	-99	-99	-99	-99	-97	-96	-97	-98	-97	-99	-99	-99	-99	-99	-97	-98	-96	-98	-98	-99	-29	-31	29	31	31		
TIE-PLTG		4	23	34	27	15	-9	4	4	-63	-29	-10	-37	60	-9	-1	-3	-15	-18	-34	-2	51	32	70	60	19	45	75	100	154	53	95	122	73	42	74	91	100	48	23	71	83	107	106	37	3	-1	-50	-21	
Interconnection		35	54	64	57	45	21	34	34	-33	1	20	-7	91	21	29	27	15	-47	-62	-100	-47	-66	-27	-38	-80	-54	-22	4	57	-44	-2	23	-24	-57	-25	-8	3	-50	-73	-26	-15	9	7	9	-28	28	-19	10	
System Total		15134	14726	14375	14090	13849	13629	13423	13219	13143	12991	12900	13054	13124	13347	13279	13304	13558	14404	14987	15408	15664	15987	16103	16261	16138	16023	15864	15967	16140	16465	16808	16868	16880	16912	16799	16300	15921	15755	15937	16778	16881	16803	16622	16425	16140	16063	15860	15619	
SRev ST-Coal		1092	1575	1643	1655	1650	1666	1656	1704	1693	1709	1671	1644	1660	1653	1665	1672	1659	1658	1351	1355	1145	1012	977	988	932	912	914	921	918	885	744	710	725	799	793	779	798	791	781	805	789	790	711	718	726	684	940	1149	
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 CCGT-Gas		359	277	328	353	516	545	659	689	896	964	1079	1030	806	663	691	679	533	257	277	214	402	295	240	290	585	550	612	567	334	176	223	222	270	229	237	318	323	226	218	141	243	262	316	319	301	249	229	228	
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 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 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		953	865	865	865	714	865	953	865	953	953	865	865	865	865	953	953	865	714	865	678	678	865	865	678	678	865	865	865	865	865	428	579	491	579	491	579	678	1054	865	252	252	252	252	439	626	777	777	865	
Hydro		497	390	448	452	657	500	565	554	499	547	548	500	541	539	551	546	528	628	502	591	647	545	546	636	642	559	587	577	591	501	905	601	617	421	426	708	806	591	462	540	439	475	688	676	825	687	661	648	
S.Reserve Total		2901	3194	3371	3412	3624	3663	3833	3899	4041	4173	4250	4126	3959	3807	3860	3850	3672	3344	3082	2925	2959	2804	2715	2679	2924	2973	3065	3017	2795	2514	2300	2112	2190	2028	2034	2384	2692	2662	2413	1738	1723	1779	1967	2152	2478	2484	2694	2890	