

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,385 MW
Distillate	0 MW
Total TNB	2,385 MW
Total IPP	19,391 MW
Total Co-Gen	0 MW
Total System	25,778 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,906	5.14 %
Gas	52,263	14.99 %
Total TNB	70,169	20.13 %
ST-Coal	175,359	50.31 %
LSS	5,519	1.58 %
Gas	96,729	27.75 %
Total IPP	277,607	79.65 %
Co-Gen	600	0.17 %
Total Co-Gen	600	0.17 %
Total Generation	348,376	99.95 %
PLTG	9	0.00 %
HVDC	-184	-0.05 %
Interconnection	-175	-0.05 %
Net Energy	348,551	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:	20:00:00 Hour
Total Set On Bus	17,737 MW
TNB Generation	3,923 MW
IPP Generation	12,210 MW
Spinning Reserve	1,587 MW
Maximum Demand	16,157 MW
Net Energy	348,551 MWH
Load Factor	89.89 %

Fuel Cost

Total Cost:	104,401,757.28 RM
Cost per Unit	29.97 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	287
Hydro	598
Syncon	736
Thermal	894
Total	2,515

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

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	15163	14567	13996	13411	13116	12861	12905	12905	12691	13755	14484	14887	14784	14485	14966	15266	15253	15147	14868	15243	16157	16106	15693	15360

Daily MW Generation on Saturday

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																										
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	0	13	2	4	0	16	20	16	8	14	12	13	8	14	9	12	11	17	9	3	2	15	14	5	15	14	16	18	18	20	22	24	10	13	3	12	0	0	0	0	0	0	4	0	14	15	12	3	15	
KHTC	BLK1	3	4	4	3	3	3	4	2	4	4	3	3	3	4	2	3	2	1	2	4	4	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3	2		
PCUF	CUFG	4	4	5	3	4	5	3	3	4	3	2	5	6	4	3	5	4	4	6	5	3	4	4	4	3	4	4	3	3	4	4	5	4	3	5	3	3	4	3	3	3	5	4	4	3	1	4			
PCUF	CUFK	6	8	6	6	7	6	7	6	7	4	5	8	9	7	6	7	8	7	8	7	6	6	6	6	6	6	6	7	5	7	7	8	8	8	8	7	6	6	6	5	7	7	6	6	8	7	7	5	5	
PFTZ	PFTZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	2	2	3	1	0	0	0	0	0	3	3	3	2	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Total Co-Gen		13	29	17	16	14	30	34	27	23	25	22	29	26	29	20	27	25	33	29	21	17	31	29	17	24	24	26	28	29	34	36	39	28	31	22	28	16	17	15	17	17	22	18	33	33	31	19	33		
Total Gen		15234	14838	14569	14191	13963	13714	13408	13288	13163	13035	12882	12869	12878	13000	12910	12760	12694	13234	13696	14106	14403	14671	14862	14862	14756	14564	14493	14711	14924	15188	15270	15359	15266	15319	15182	15045	14875	14881	15259	16042	16150	16130	16054	15902	15668	15605	15437	15215		
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	
TIE-HVDC		29	31	29	29	32	29	31	31	30	29	28	31	29	31	29	29	31	-30	-30	-30	-28	-28	-30	-30	-29	-29	-28	-28	-28	-28	-28	-29	-29	-29	-29	-29	-29	-29	-48	-47	-49	-48	-48	-51	-47	-49	30	31	31	
TIE-PLTG		42	18	-27	-13	-65	-63	-34	-14	18	55	-7	-55	-56	-10	-24	-18	-28	8	-29	-40	-52	-39	5	-33	1	23	36	-21	-14	-67	32	43	42	28	64	58	37	14	63	-23	41	49	-1	-12	24	-10	47	27		
Interconnection		71	49	2	16	-33	-34	-3	17	47	84	21	-25	-27	21	5	11	3	-22	-59	-70	-81	-68	-25	-62	-28	-6	8	-49	-42	-94	4	14	13	-1	35	29	7	-34	16	-71	-7	1	-52	-59	-25	20	77	58		
System Total		15163	14789	14567	14175	13996	13748	13411	13271	13116	12951	12861	12894	12905	12979	12905	12749	12691	13256	13755	14176	14484	14739	14887	14924	14784	14570	14485	14760	14966	15282	15266	15345	15253	15320	15147	15016	14868	14915	15243	16113	16157	16129	16106	15961	15693	15585	15360	15157		
SRev ST-Coal		728	883	835	852	1132	1158	1171	1161	1174	1170	1167	1170	1173	1165	1180	1202	1171	1177	1168	1177	1181	970	960	960	980	896	890	906	898	904	898	792	776	786	788	778	789	782	798	781	716	715	705	697	696	712	712	703		
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	0
SRev CCGT-Gas		316	183	32	190	120	155	296	419	494	623	861	842	836	804	837	915	1037	531	203	208	184	206	208	228	348	744	825	558	328	191	221	213	199	139	157	212	158	161	155	61	165	154	187	173	198	200	211	203		
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	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	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	0
Syncon		953	953	766	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	865	865	865	865	967	816	967	967	967	967	967	865	865	865	865	865	777	777	777	626	777	277	151	151	338	525	651	739	739	827		
Hydro		609	649	589	507	510	519	593	594	634	637	553	740	579	511	531	588	590	627	619	541	469	503	546	575	706	586	604	580	603	580	588	589	539	437	466	579	609	699	613	527	555	587	500	497	582	537	450	510		
S.Reserve Total		2606	2668	2222	2502	2715	2785	3013	3127	3255	3383	3534	3554	3541	3433	3501	3658	3751	3288	2943	2791	2699	2544	2579	2730	2850	3193	3286	3011	2796	2540	2572	2459	2379	2227	2188	2346	2333	2268	2343	1646	1587	1607	1730	1892	2127	2188	2112	2243		