

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,380 MW
Distillate	0 MW
Total TNB	2,380 MW
Total IPP	16,571 MW
Total Co-Gen	0 MW
Total System	21,939 MW

Generation Mix

Type	MWh	Percentage
Hydro	29,697	8.03 %
Gas	42,928	11.61 %
Total TNB	72,625	19.64 %
ST-Coal	201,832	54.57 %
LSS	6,377	1.72 %
Gas	88,998	24.06 %
Total IPP	297,207	80.36 %
Co-Gen	685	0.19 %
Total Co-Gen	685	0.19 %
Total Generation	370,517	100.18 %
PLTG	2,051	0.55 %
HVDC	-1,375	-0.37 %
Interconnection	676	0.18 %
Net Energy	369,841	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:	16:00:00 Hour
Total Set On Bus	18,747 MW
TNB Generation	3,714 MW
IPP Generation	13,547 MW
Spinning Reserve	1,461 MW
Maximum Demand	17,245 MW
Net Energy	369,841 MWH
Load Factor	89.36 %

Fuel Cost

Total Cost:	120,076,245.91 RM
Cost per Unit	32.41 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	815
Hydro	629
Syncon	242
Thermal	128
Total	1,814

Time Weather Temperature

Afternoon	Hot	34
Morning	Cloudy	26

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	15126	14427	13970	13483	13111	12941	13109	13312	13658	15251	16042	16350	16225	16192	16890	17073	17245	16996	16042	15973	16920	16831	16198	15881

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	167
Total TNB	196
EMPP	273
KLPP	36
NPRI	132
PCGP	82
PGLA	64
SPGP	98
Total IPP	686
Total Gas	881
Total Gas Required	881

Alternate Fuel Usage

Station	(mmscfd)
Total	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																											
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	25	58	62	88	80	91	85	102	85	96	102	82	86	44	39	24	24	14	14	3	3	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	4	6	8	28	22	30	28	40	38	38	34	28	24	32	40	14	13	17	15	10	9	1	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	5	9	11	21	30	34	38	37	28	43	45	37	32	41	36	26	18	22	17	12	5	3	1	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	1	4	4	10	12	13	12	19	20	19	16	17	13	21	21	17	13	13	9	4	2	1	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	1	3	2	21	28	31	30	30	30	30	30	30	30	28	30	27	14	25	18	6	12	4	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	1	51	160	299	429	565	666	765	827	850	867	948	895	796	790	801	751	629	553	412	318	220	133	35	3	0	0	0	0	0	0	0	0	0	0	0	0	
ESTL	ESTL	13	12	18	17	18	16	18	17	15	17	16	20	6	8	9	11	13	11	13	15	12	14	9	11	13	13	14	16	12	14	15	16	12	15	21	16	15	10	10	13	16	16	15	17	15	19	17	15			
KHTC	BLK1	3	4	3	3	3	3	1	3	4	3	3	2	3	2	3	4	8	9	5	3	2	0	0	0	0	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	4	4	3	4	4	4	4	4	4	2	3	4	3	3	2	4	2	4	5	5	4	3	4	3	3	5	4	4	11	16	14	4	4	3	3	4	4	4	4	6	4	3	4	3	4	3	4	3			
PCUF	CUFK	4	4	4	4	5	6	4	3	3	4	4	4	4	4	3	4	4	5	6	4	4	3	4	4	4	3	3	4	5	3	5	2	3	4	4	3	3	4	4	3	3	3	3	3	2	3					
PFTZ	PFTZ	4	4	4	4	4	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Total Co-Gen		28	28	32	32	34	34	31	31	30	30	34	20	22	22	28	30	34	33	34	28	27	22	24	24	25	28	29	24	34	39	38	25	29	32	28	24	22	23	26	28	30	26	28	27	30	28	26				
Total Gen		15197	14913	14512	14224	14009	13698	13552	13282	13203	13151	13040	13088	13162	13283	13297	13469	13676	14713	15233	15653	15992	16233	16330	16402	16204	16180	16241	16507	16849	17029	17084	17278	17286	17272	17079	16544	16086	15864	15995	16745	16998	16948	16852	16615	16240	16130	15918	15713			
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		30	30	29	29	30	30	30	29	29	30	30	31	-98	-98	-98	-98	-98	-98	-100	-98	-98	-98	-98	-99	-99	-97	-97	-98	-98	-98	-98	-97	-100	-100	-97	-99	-97	-97	-97	-97	-97	-97	-97	-97	-97	-97	-97	-97	-97		
TIE-PLTG		41	19	55	13	9	14	40	53	63	65	70	19	22	94	83	99	116	135	80	41	50	74	78	66	77	51	148	135	57	111	109	173	139	166	180	137	144	76	121	181	175	114	118	143	138	12	7	-8			
Interconnection		71	49	85	43	39	44	69	83	92	94	99	49	53	-4	-15	0	18	37	-18	-57	-50	-24	-20	-32	-21	-47	49	36	-41	14	11	75	41	68	83	37	44	-21	22	83	78	18	21	45	42	-49	37	22			
System Total		15126	14864	14427	14181	13970	13654	13483	13199	13111	13057	12941	13039	13109	13287	13312	13469	13658	14676	15251	15710	16042	16257	16350	16434	16225	16227	16192	16471	16890	17015	17073	17203	17245	17204	16996	16507	16042	15885	15973	16662	16920	16930	16831	16570	16198	16179	15881	15691			
SRev ST-Coal		143	133	124	159	437	432	446	445	444	444	434	432	430	445	147	129	139	117	119	120	131	114	122	129	123	129	120	116	137	121	123	124	128	125	121	196	156	120	133	135	138	174	137	127	192	174	193				
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		1657	1926	1880	2052	1997	2310	2437	2618	2628	2674	2787	2760	2689	2569	2581	2671	2583	1867	1508	1248	1027	888	848	842	1053	1250	1277	1086	1020	759	736	611	604	672	713	1134	1505	1793	1515	777	553	522	569	554	776	942	837	764			
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	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	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	0
Syncon		374	374	462	462	462	550	550	550	701	701	701	701	701	701	701	701	525	525	525	374	374	374	374	374	374	374	374	374	374	187	187	187	187	0	0	0	0	0	0	0	0	0	0	187	374	374	462	374	525		
Hydro		422	496	546	540	533	535	536	624	542	550	546	543	527	531	486	533	484	442	441	410	572	559	613	603	606	688	678	689	725	789	789	683	733	603	620	640	680	625	711	657	625	705	627	581	668	572	530	485			
S.Reserve Total		2683	3016	3012	3300	3516	3827	3969	4237	4315	4369	4478	4438	4349	4231	4213	4052	3897	2973	2591	2302	2093	1952	1949	1941	2162	2435	2458	2269	2048	1872	1833	1604	1461	1403	1458	1895	2381	2574	2346	1567	1313	1365	1557	1646	1945	2168	2002	2141			