

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,387 MW
Distillate	0 MW
Total TNB	2,387 MW
Total IPP	19,721 MW
Total Co-Gen	0 MW
Total System	26,110 MW

Generation Mix

Type	MWh	Percentage
Hydro	12,132	4.15 %
Gas	37,177	12.72 %
Total TNB	49,309	16.87 %
ST-Coal	145,580	49.79 %
LSS	6,601	2.26 %
Gas	90,528	30.96 %
Total IPP	242,709	83.01 %
Co-Gen	767	0.26 %
Total Co-Gen	767	0.26 %
Total Generation	292,785	100.14 %
PLTG	167	0.06 %
HVDC	246	0.08 %
Interconnection	413	0.14 %
Net Energy	292,372	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 4/13/2023	407,278 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	15,809 MW
TNB Generation	2,534 MW
IPP Generation	11,724 MW
Spinning Reserve	1,512 MW
Maximum Demand	14,262 MW
Net Energy	292,372 MWH
Load Factor	85.42 %

Fuel Cost

Total Cost:	66,770,457.68 RM
Cost per Unit	22.80 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	508
Hydro	323
Syncon	998
Thermal	685
Total	2,514

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	28

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	12627	12178	11713	11306	11032	10843	10798	10672	10253	10620	11259	11616	11763	11886	12314	12634	12909	13066	12870	13274	14262	14211	13922	13861

Gas Usage

Station	(mmscfd)
GLGR	29
Total TNB	29
CBPS	46
EMPP	281
NPRI	158
PCGP	89
SPGP	207
Total IPP	781
Total Gas	810
Total Gas Required	810

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Monday

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																											
SRev CCGT-Gas		215	231	337	333	316	403	600	685	758	980	978	1003	1007	1001	1141	1533	1599	1563	1509	1350	998	841	668	571	649	619	596	362	358	321	267	261	177	255	320	324	270	238	242	145	226	214	215	224	239	299	227	262			
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	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		1180	1180	1180	928	928	928	1079	1079	1079	928	1079	928	1079	1079	1079	1079	1016	1167	1117	1268	1118	1268	1268	1117	1180	1268	1268	1268	1081	1117	752	840	966	816	966	966	779	592	592	592	592	779	691	966	1029						
Hydro		230	244	246	353	336	344	177	210	212	321	167	318	189	180	163	161	261	225	297	154	200	73	150	152	156	281	149	130	109	140	153	233	276	258	488	471	486	405	484	301	328	371	385	479	436	446	331	240			
S.Reserve Total		2430	2460	2556	2525	2491	2586	2766	2880	2957	3143	3136	3159	3185	3170	3291	3684	3848	3778	3733	3583	3227	3094	2845	2900	2981	2931	2922	2673	2650	2639	2597	2479	2382	2167	2460	2575	2383	2429	2474	1768	1512	1517	1545	1659	1828	1873	1906	1970			