

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,020 MW
Hydro	1,669 MW
Distillate	0 MW
Total TNB	7,759 MW
Total IPP	10,718 MW
Total Co-Gen	0 MW
Total System	19,044 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	53,589	16.75 %
Gas	46,244	14.45 %
Hydro	7,688	2.40 %
Total TNB	107,521	33.61 %
ST-Coal	112,855	35.27 %
Gas	98,960	30.93 %
Total IPP	211,815	66.20 %
Co-Gen	1,146	0.36 %
Total Co-Gen	1,146	0.36 %
Total Generation	320,482	100.17 %
PLTG	531	0.17 %
Interconnection	531	0.17 %
Net Energy	319,951	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	15,206 MW
TNB Generation	4,776 MW
IPP Generation	9,488 MW
Spinning Reserve	899 MW
Maximum Demand	14,335 MW
Net Energy	319,951 MWH
Load Factor	93.00 %

Fuel Cost

Total Cost:	42,972,724.38 RM
Cost per Unit	13.74 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	286
Hydro	159
Syncon	631
Thermal	55
Total	1,131

Time Weather Temperature

Afternoon	Hot	36
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	14191	13532	13083	12716	12243	12016	12007	11940	11617	12657	13438	14164	14108	13660	13984	14155	14057	13744	13266	13210	14335	14328	13984	13812

Gas Usage

Station	(mmscfd)
GLGR	56
PAKA	2
PGPS	51
SRDG	2
TJGS	219
Total TNB	330
KLPP	79
MPSS	43
PGLA	106
PLPS	97
SGRI	187
SKSP	53
YPGS	67
YPKA	137
Total IPP	768

Total Gas 1,098
Total Gas Required 1,098
Alternate Fuel Usage

Station	(mmscfd)
Total	0

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 Gen		14203	13625	13595	13307	13085	12816	12724	12439	12268	12208	12041	11924	12030	12060	11953	11695	11619	12167	12664	13176	13449	13750	14156	14225	14152	13922	13742	13743	14011	14079	14206	14105	14099	14019	13788	13529	13466	13234	13177	13954	14307	14344	14351	14249	13963	13943	13771	13422			
TIE-BGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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-PLTG		12	-30	63	49	2	62	18	40	25	39	25	50	23	31	-7	9	2	-53	7	52	11	-8	-8	45	44	34	82	2	27	10	51	74	42	36	44	73	200	54	-33	-74	-28	11	23	13	-21	-26	-41	7			
Interconnection		12	-30	63	49	2	62	18	40	25	39	25	50	23	31	-7	9	2	-53	7	52	11	-8	-8	45	44	34	82	2	27	10	51	74	42	36	44	73	200	54	-33	-74	-28	11	23	13	-21	-26	-41	7			
System Total		14191	13655	13532	13258	13083	12754	12716	12399	12243	12169	12016	11874	12007	12029	11940	11686	11617	12220	12657	13124	13438	13758	14164	14180	14198	13888	13660	13741	13984	14069	14155	14031	14057	13983	13744	13456	13266	13180	13210	14028	14335	14333	14328	14236	13984	13969	13812	13415			
SRev ST-Coal		57	57	64	71	56	71	60	40	21	36	29	37	35	29	38	57	38	35	31	10	41	92	83	92	89	83	103	84	32	37	32	65	47	66	87	159	239	42	50	28	30	45	38	40	40	44	-27	-32			
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	0
SRev CCGT-Gas		282	640	120	377	243	457	384	665	850	897	1065	1174	1098	1061	1242	1455	1498	993	495	393	428	201	190	141	219	257	467	491	418	357	223	285	339	538	871	1277	1337	901	899	346	102	143	104	125	227	147	484	690			
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 Co-Gen		27	25	28	25	26	25	26	27	25	26	25	26	25	26	26	26	24	22	24	24	25	29	32	31	31	29	31	31	32	32	31	31	31	31	31	30	30	31	30	31	33	33	33	31	32	30	27	25	27		
Syncon		720	720	569	720	720	720	720	720	720	720	720	569	720	619	619	720	720	720	619	468	619	619	619	569	720	720	570	720	720	720	569	720	619	619	166	166	468	619	619	619	468	619	619	619	619	619	720	720			
Hydro		121	108	233	132	71	112	113	105	112	110	117	116	242	101	149	155	108	70	73	164	330	150	151	194	291	116	112	108	115	101	114	256	121	166	166	590	651	464	211	157	77	284	174	162	98	97	120	121			
S.Reserve Total		1207	1550	1014	1325	1116	1385	1303	1557	1728	1789	1956	2073	1967	1937	2074	2312	2388	1840	1343	1210	1292	1091	1075	1077	1199	1205	1433	1284	1317	1247	1120	1206	1258	1420	1773	2221	2424	1905	1810	1183	899	1012	1004	978	1014	934	1322	1526			