

Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,030 MW
Hydro	1,650 MW
Distillate	0 MW
Total TNB	7,060 MW
Total IPP	11,044 MW
Total Co-Gen	0 MW
Total System	18,671 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	47,635	16.46 %
Gas	41,879	14.47 %
Hydro	7,986	2.76 %
Total TNB	97,500	33.69 %
ST-Coal	109,898	37.98 %
Gas	81,596	28.20 %
Total IPP	191,494	66.17 %
Co-Gen	574	0.20 %
Total Co-Gen	574	0.20 %
Total Generation	289,568	100.07 %
PLTG	410	0.14 %
HVDC	-219	-0.08 %
Interconnection	191	0.07 %
Net Energy	289,377	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:	21:30:00 Hour
Total Set On Bus	14,751 MW
TNB Generation	4,549 MW
IPP Generation	9,187 MW
Spinning Reserve	1,004 MW
Maximum Demand	13,730 MW
Net Energy	289,377 MWH
Load Factor	87.82 %

Fuel Cost

Total Cost:	34,798,774.75 RM
Cost per Unit	12.30 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	154
Hydro	263
Syncon	535
Thermal	238
Total	1,190

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	54
PGPS	23
SRDG	4
TJGS	210
Total TNB	292
KLPP	88
PGLA	107
PLPS	83
SGRI	175
SKSP	14
YPGS	60
YPKA	89
Total IPP	617
Total Gas	909
Total Gas Required	909

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	12849	12200	11800	11441	11160	10988	10888	10661	10215	10851	11497	11892	12067	12052	12291	12527	12760	12413	12074	12254	13403	13714	13573	13352

Daily MW Generation on Sunday

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 Co-Gen		30	30	29	29	31	29	30	28	29	30	28	27	29	28	29	28	62	59	60	61	62	63	62	63	65	65	62	65	64	64	62	65	67	66	65	68	65	63	62	65	65	62	64	65	63	64	64	64	
Syncon		730	579	579	579	730	730	730	730	730	730	730	730	730	730	730	730	579	730	730	730	730	730	579	478	478	478	478	579	579	579	478	478	478	579	579	579	579	579	580	580	580	580	580	580	580	580	429	580	580
Hydro		124	231	262	252	121	132	130	131	131	127	125	127	122	133	128	125	121	243	83	79	83	87	211	109	245	340	392	326	346	275	277	267	286	245	392	398	271	273	232	245	233	213	234	211	245	387	220	297	
S.Reserve Total		1287	1220	1569	1401	1587	1687	1956	2132	2228	2299	2428	2545	2487	2471	2358	2799	2803	2321	2208	1938	1557	1339	1392	1158	1280	1416	1401	1382	1488	1267	1479	1311	1274	1369	1771	1768	1721	1727	1925	1267	1072	1027	1037	1004	1095	1344	1129	1409	