

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,089 MW
Hydro	1,864 MW
Distillate	0 MW
Total TNB	8,023 MW
Total IPP	9,558 MW
Total Co-Gen	0 MW
Total System	17,581 MW

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:	14:30:00 Hour
Total Set On Bus	17,216 MW
TNB Generation	7,599 MW
IPP Generation	8,837 MW
Spinning Reserve	717 MW
Maximum Demand	16,767 MW
Net Energy	353,726 MWH
Load Factor	87.90 %

Gas Usage

Station	(mmscfd)
CBPS	40
CBPS	58
GLGR	56
PAKA	189
PGGS	12
PGPS	52
SRDG	83
TJGS	168
Total TNB	659

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	58,724	16.60 %
Gas	79,156	22.38 %
Hydro	21,111	5.97 %
Total TNB	158,991	44.95 %
ST-Coal	77,569	21.93 %
ST-Gas	1,088	0.31 %
Gas	113,264	32.02 %
Total IPP	191,921	54.26 %
Co-Gen	1,526	0.43 %
Total Co-Gen	1,526	0.43 %
Total Generation	352,438	99.64 %
PLTG	191	0.05 %
HVDC	-1,479	-0.42 %
Interconnection	-1,288	-0.36 %
Net Energy	353,726	100.00 %

Fuel Cost

Total Cost:	64,993,202.28 RM
Cost per Unit	19.61 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	487
Hydro	389
Syncon	175
Thermal	47
Total	1,098

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	25

KLPP	108
MPSS	60
PDPS	50
PGLA	118
PKLG	27
PLPS	103
PTEK	42
SGB3	73
SGRI	118
SKSP	53
YPGS	69
YPKA	102
PKLG	11
Total IPP	936
Total Gas	1,595

Total Gas Required 1,595

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	14452	13646	13332	12802	12539	12526	12384	12196	12825	14628	15594	16158	16032	15835	16395	16686	16753	16172	15141	14905	15182	15812	15620	15260

Daily MW Generation on Wednesday

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																								
Hydro		299	306	442	363	522	228	244	104	107	102	260	193	95	78	71	58	63	92	519	262	307	315	382	367	420	240	228	149	320	275	304	324	351	475	699	760	596	191	253	156	448	401	433	351	410	377	319	338
S.Reserve Total		1236	1282	1340	1579	1708	1645	2053	1986	2019	1954	1945	2027	2094	2073	2263	2106	1762	1149	1157	1101	1275	1022	1146	1060	1271	928	992	867	758	717	779	878	920	1014	1448	1787	1673	1399	1418	1350	1609	1078	1129	981	1215	1063	1206	836