

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,251 MW
Hydro	1,650 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,281 MW</b>
<b>Total IPP</b>	<b>10,836 MW</b>
<b>Total Co-Gen</b>	<b>72 MW</b>
<b>System Total</b>	<b>18,189 MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 15:30	
TNB Generation	6,212 MW
IPP Generation	10,028 MW
Total Set On Bus	17,375 MW
Maximum Demand	16,314 MW
Spinning Reserve	1,063 MW
Net Energy	341,508 MWH
Load Factor	87.2 %
Total Cost	71,146,090 RM
Cost per Unit	21.47 cents/kWH

**Maximum Demand Record**

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

**Hourly System MW Generation**

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	13613	13182	12733	12365	11927	11670	11727	11753	12392	14180	15089	15759	15690	15477	16033	16273	16258	15756	14571	13972	15292	15179	14693	14356

**Gas Usage**

Station	(mmscfd)
CBPS	92
GLGR	48
PAKA	191
PGGS	1
PGPS	42
SRDG	52
TJGS	208
<b>TNB Total</b>	<b>635</b>
KLPP	118
MPSS	58
PDPS	28
PGLA	113
PLPS	116
PTEK	45
SGB3	43
SGRI	148
SKSP	55
YPKA	129
<b>IPP Total</b>	<b>854</b>
<b>Total Gas</b>	<b>1,489</b>

Total Gas Required : 1,695  
Gas Calorific Value : 38.500

**Alternate Fuel Usage**

Station	(mmscfd)
PDPS	6
PGPS	1
PKLG	123
PTEK	4
SGB3	25
SGRI	49
<b>Total</b>	<b>207</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	32,605.00	9.55 %
Gas	79,841.00	23.38 %
Hydro	10,070.00	2.95 %
Distillate	85.00	0.02 %
<b>Total TNB</b>	<b>122,601.0</b>	<b>35.90 %</b>
ST-Coal	86,152.0	25.23 %
ST-Oil	12,015.0	3.52 %
Gas	109,793.0	32.15 %
Distillate	9,857.0	2.89 %
<b>Total IPP</b>	<b>217,817.0</b>	<b>63.78 %</b>
Co-Gen	1,932.0	0.57 %
<b>Total Co-Gen</b>	<b>1,932.0</b>	<b>0.57 %</b>
<b>Total Generation</b>	<b>342,350.0</b>	<b>100.25 %</b>
PLTG	115.0	0.03 %
HVDC	727.0	0.21 %
<b>Interconnection</b>	<b>842.0</b>	<b>0.25 %</b>
<b>Net Energy</b>	<b>341,508.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	469
Hydro	249
Syncon	283
Thermal	85
<b>Total</b>	<b>1086</b>

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33







*Daily MW Generation On Wednesday*

26-Mar-2014

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		155	102	117	85	77	91	130	91	126	85	137	113	132	120	129	255	116	131	65	187	162	170	151	121	243	116	181	182	217	232	285	275	303	212	518	272	321	149	146	74	83	72	137	142	182	121	72	132
S.Reserve Total		1516	1411	1336	1386	1553	1689	1903	1985	2306	2348	2514	2326	2393	2285	2305	2326	2280	1655	1188	1257	1312	1026	991	912	1175	1199	1306	1128	1183	1044	1083	1063	1106	1195	1473	1689	1961	2469	2570	1380	1207	1252	1310	1414	1427	1443	1296	1495