

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,690 MW
Hydro	1,662 MW
Distillate	560 MW
<b>Total TNB</b>	<b>7,362 MW</b>
<b>Total IPP</b>	<b>8,843 MW</b>
<b>Total Co-Gen</b>	<b>67 MW</b>
<b>System Total</b>	<b>16,272 MW</b>

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

At Daily Maximum Demand Hour : 16:00

TNB Generation	6,187 MW
IPP Generation	8,432 MW
Total Set On Bus	15,490 MW
Maximum Demand	14,856 MW
Spinning Reserve	804 MW
Net Energy	308,536 MWH
Load Factor	86.5 %
Total Cost	70,519,877 RM
Cost per Unit	24.22 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	12193	11513	11181	10898	10652	10296	10658	10872	11155	12654	13519	14125	14339	14023	14463	14697	14856	14406	13362	13125	14386	14122	13637	13304

**Gas Usage**

Station	(mmscfd)
CBPS	64
GLGR	65
PAKA	137
SRDG	8
TJGS	177
<b>TNB Total</b>	<b>451</b>
KLPP	50
MPSS	60
PGLA	76
PKLG	3
PLPS	79
PTEK	13
SGB3	39
SGRI	116
SKSP	40
YPGS	67
YPKA	132
<b>IPP Total</b>	<b>675</b>

**Total Gas 1,126**
**Total Gas Required : 1,608**  
**Gas Calorific Value : 38,500**
**Alternate Fuel Usage**

Station	(mmscfd)
KLPP	42
PDPS	61
PGLA	24
PGPS	51
PKLG	113
PTEK	29
SGB3	60
SGRI	36
SRDG	36
TJGS	28
<b>Total</b>	<b>482</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	33,024.00	10.70 %
Gas	58,152.00	18.85 %
Hydro	17,095.00	5.54 %
Distillate	13,155.00	4.26 %
<b>Total TNB</b>	<b>121,426.0</b>	<b>39.36 %</b>
ST-Coal	56,897.0	18.44 %
ST-Gas	330.0	0.11 %
ST-Oil	11,127.0	3.61 %
Gas	87,930.0	28.50 %
Distillate	28,738.0	9.31 %
<b>Total IPP</b>	<b>185,022.0</b>	<b>59.97 %</b>
Co-Gen	1,877.0	0.61 %
<b>Total Co-Gen</b>	<b>1,877.0</b>	<b>0.61 %</b>
<b>Total Generation</b>	<b>308,325.0</b>	<b>99.93 %</b>
PLTG	453.0	0.15 %
HVDC	-664.0	-0.22 %
<b>Interconnection</b>	<b>-211.0</b>	<b>-0.07 %</b>
<b>Net Energy</b>	<b>308,536.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	571
Hydro	191
Syncon	145
Thermal	16
<b>Total</b>	<b>923</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

Table with columns: Station, Unit, and hourly MW generation from 0000 to 2300. Includes rows for Total ST-Coal, Total ST-Gas, Total ST-Oil, and various power plant units like PKLG, CBPS, GLGR, etc.





*Daily MW Generation On Wednesday*
*05-Feb-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																								
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																								
Syncon		731	580	731	731	731	731	731	580	580	580	580	172	388	580	429	474	625	625	474	237	0	86	86	86	86	0	0	0	0	0	0	0	0	388	539	625	625	388	86	86	86	323	474	388	625	625		
Hydro		70	206	20	59	113	116	96	116	56	95	120	105	41	149	325	123	233	327	211	195	95	159	110	289	337	314	325	405	177	88	224	235	84	193	337	188	139	100	66	130	306	393	338	204	225	259	73	84
<b>S.Reserve Total</b>		<b>1319</b>	<b>1516</b>	<b>1273</b>	<b>1438</b>	<b>1299</b>	<b>1418</b>	<b>1571</b>	<b>1827</b>	<b>1821</b>	<b>1787</b>	<b>2076</b>	<b>1823</b>	<b>1744</b>	<b>1010</b>	<b>1387</b>	<b>2081</b>	<b>1739</b>	<b>1909</b>	<b>1547</b>	<b>1549</b>	<b>1038</b>	<b>996</b>	<b>780</b>	<b>1037</b>	<b>968</b>	<b>1130</b>	<b>1130</b>	<b>1060</b>	<b>849</b>	<b>905</b>	<b>963</b>	<b>926</b>	<b>804</b>	<b>1071</b>	<b>1166</b>	<b>1338</b>	<b>1674</b>	<b>1848</b>	<b>1811</b>	<b>1123</b>	<b>945</b>	<b>1127</b>	<b>1063</b>	<b>1227</b>	<b>1355</b>	<b>1316</b>	<b>1230</b>	<b>1418</b>