

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,300 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,932 MW
Hydro	1,757 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,989 MW</b>
<b>Total IPP</b>	<b>11,888 MW</b>
<b>Total Co-Gen</b>	<b>41 MW</b>
<b>System Total</b>	<b>18,918 MW</b>

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

At Daily Maximum Demand Hour : 15:00

TNB Generation	5,011 MW
IPP Generation	11,318 MW
Total Set On Bus	17,377 MW
Maximum Demand	16,261 MW
Spinning Reserve	1,007 MW
Net Energy	345,112 MWH
Load Factor	88.4 %
Total Cost	64,497,135 RM
Cost per Unit	19.03 cents/kWH

**Maximum Demand Record**

Date :	11/06/2014	16,901.0MW
Date :	24/06/2014	355,911.0MWH

**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	14204	13510	13068	12646	12347	12311	12279	12180	12652	14403	15203	15715	15647	15364	15998	16261	16103	15602	14746	14487	15002	15337	14992	14614

**Gas Usage**

Station	(mmscfd)
CBPS	6
GLGR	61
PAKA	191
PGPS	42
SRDG	24
TJGS	218
<b>TNB Total</b>	<b>542</b>
KLPP	112
MPSS	56
PDPS	26
PGLA	113
PKLG	32
PLPS	102
PTEK	26
SGB3	91
SGRI	195
SKSP	54
YPGS	68
YPKA	129
<b>IPP Total</b>	<b>1,005</b>
<b>Total Gas</b>	<b>1,547</b>

Total Gas Required : 1,547  
Gas Calorific Value : 38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	31,364.00	9.09 %
Gas	70,570.00	20.45 %
Hydro	7,111.00	2.06 %
<b>Total TNB</b>	<b>109,045.0</b>	<b>31.60 %</b>
ST-Coal	107,683.0	31.20 %
ST-Gas	2,238.0	0.65 %
Gas	126,078.0	36.53 %
<b>Total IPP</b>	<b>235,999.0</b>	<b>68.38 %</b>
Co-Gen	954.0	0.28 %
<b>Total Co-Gen</b>	<b>954.0</b>	<b>0.28 %</b>
<b>Total Generation</b>	<b>345,998.0</b>	<b>100.26 %</b>
PLTG	157.0	0.05 %
HVDC	729.0	0.21 %
<b>Interconnection</b>	<b>886.0</b>	<b>0.26 %</b>
<b>Net Energy</b>	<b>345,112.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	359
Hydro	126
Syncon	598
Thermal	53
<b>Total</b>	<b>1137</b>

**Weather Temperature**

Weather	Temperature
Morning	Cloudy 24
Afternoon	Hot 35





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
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	42	45	43	34	35	34	34	33	40	39	42	38	41	37	36	30	33	31	33	31	33	32	32	30
UPLA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
<b>Total Hydro</b>		173	181	175	163	164	164	162	163	191	384	403	408	399	428	397	396	392	398	391	397	415	399	516	520
PCUF	CUFG	15	15	15	14	15	15	16	15	13	15	15	16	14	15	15	22	18	10	8	17	16	15	15	15
PCUF	CUFK	24	25	24	23	25	25	26	26	22	25	25	24	23	27	26	24	24	24	25	26	25	23	23	25
<b>Total Co-Gen</b>		39	40	39	37	40	40	42	41	35	40	40	40	37	42	41	40	37	38	40	41	45	44	35	34
<b>Total Gen</b>		14254	13846	13539	13407	13137	12907	12708	12438	12472	12365	12339	12319	12396	12320	12218	12032	12733	13704	14374	14852	15213	15552	15730	15861
TIE-EGAT		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		30	31	31	30	30	31	31	29	29	31	32	30	30	30	30	30	30	30	31	31	31	31	30	30
TIE-PLTG		20	-10	-2	3	39	21	31	-16	96	28	-4	-5	87	-64	8	-46	50	-7	-59	-63	-20	-28	-16	-21
Interconnection		50	21	29	33	69	52	62	13	125	59	28	25	117	-34	38	-15	81	23	-29	-33	10	2	15	9
<b>System Total</b>		14204	13825	13510	13374	13068	12855	12646	12425	12347	12306	12311	12294	12279	12354	12180	12047	12052	13681	14403	14885	15203	15550	15715	15852
SRev ST-Coal		42	39	58	51	40	122	125	126	63	32	46	44	51	39	37	35	72	44	50	35	72	69	37	33
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
SRev CCGT-Gas		395	341	477	392	644	750	924	1216	1308	1624	1675	1702	1606	1728	1800	1986	1551	925	663	308	171	138	262	125
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
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		630	630	630	630	630	630	630	479	629	629	629	629	629	478	629	629	629	629	478	629	629	629	629	478
Hydro		113	105	111	123	122	122	124	123	246	103	84	79	88	210	90	91	95	89	96	90	225	90	171	167
<b>S.Reserve Total</b>		1180	1115	1276	1196	1436	1624	1803	2095	2096	2408	2434	2454	2374	2455	2556	2741	2347	1687	1438	1062	978	995	1207	1085