

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,217 MW
Hydro	1,647 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,934 MW</b>
<b>Total IPP</b>	<b>10,805 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>System Total</b>	<b>19,024 MW</b>

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

At Daily Maximum Demand Hour : 15:00

TNB Generation	5,672 MW
IPP Generation	9,813 MW
Total Set On Bus	16,574 MW
Maximum Demand	15,626 MW
Spinning Reserve	1,023 MW
Net Energy	327,888 MWH
Load Factor	87.4 %
Total Cost	53,412,440 RM
Cost per Unit	16.67 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	13117	12396	12082	11698	11400	11339	11629	11622	12088	13785	14611	15174	14991	14776	15332	15626	15429	15105	14129	13689	14737	14631	14196	13728

**Gas Usage**

Station	(mmscfd)
CBPS	49
GLGR	59
PAKA	163
PGPS	35
SRDG	6
TJGS	203
<b>TNB Total</b>	<b>516</b>
KLPP	94
MPSS	50
PDPS	3
PGLA	104
PKLG	12
PLPS	94
PTEK	3
SGRI	177
SKSP	36
YPGS	68
YPKA	129
<b>IPP Total</b>	<b>770</b>
<b>Total Gas</b>	<b>1,286</b>
Total Gas Required :	1,286
Gas Calorific Value :	38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,746.00	14.87 %
Gas	67,396.00	20.55 %
Hydro	7,862.00	2.40 %
<b>Total TNB</b>	<b>124,004.0</b>	<b>37.82 %</b>
ST-Coal	102,187.0	31.17 %
Gas	100,309.0	30.59 %
<b>Total IPP</b>	<b>202,496.0</b>	<b>61.76 %</b>
Co-Gen	1,760.0	0.54 %
<b>Total Co-Gen</b>	<b>1,760.0</b>	<b>0.54 %</b>
<b>Total Generation</b>	<b>328,260.0</b>	<b>100.11 %</b>
PLTG	-350.0	-0.11 %
HVDC	722.0	0.22 %
<b>Interconnection</b>	<b>372.0</b>	<b>0.11 %</b>
<b>Net Energy</b>	<b>327,888.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	292
Hydro	148
Syncon	574
Thermal	58
<b>Total</b>	<b>1072</b>

	Weather	Temperature
Morning	Sunny	26
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		
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
UPLA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
UPLA	HY02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
<b>Total Hydro</b>		149	132	151	159	149	177	148	298	388	379	387	380	435	443	391	385	405	443	423	423	422	432	523	544	296	
PCUF	CUFG	41	42	42	43	42	41	42	42	42	43	42	44	42	42	43	41	42	41	41	40	40	38	39	39	39	
PCUF	CUFK	34	32	33	32	33	33	34	35	36	35	34	33	35	36	34	37	36	35	34	31	27	28	32	27	25	
<b>Total Co-Gen</b>		75	74	75	75	75	74	76	77	78	78	76	77	77	78	77	81	79	77	76	73	70	69	74	68	66	
<b>Total Gen</b>		13169	12764	12477	12334	12078	12087	11774	11541	11437	11363	11410	11435	11637	11875	11696	11707	12148	13226	13808	14179	14616	14843	15123	15251	15003	
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	0	
TIE-HVDC		30	31	31	31	31	30	30	30	30	30	30	30	30	30	31	31	31	31	30	31	30	30	30	30	30	
TIE-PLTG		22	3	50	-21	-35	25	46	-59	7	65	41	-13	-22	15	44	25	30	97	-8	-39	-26	-61	-82	-126	-18	
Interconnection		52	34	81	10	-4	55	76	-29	37	95	71	17	8	45	74	55	60	128	23	-8	5	-31	-51	-96	12	
<b>System Total</b>		13117	12730	12396	12334	12082	12032	11698	11570	11400	11268	11339	11418	11629	11830	11622	11652	12083	13098	13785	14187	14611	14874	15174	15347	14991	
SRev ST-Coal		52	46	50	51	63	60	62	72	112	138	126	122	99	51	74	39	53	71	43	65	49	52	55	15	54	
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	0	0
SRev CCGT-Gas		564	607	910	1050	1294	1315	1599	1973	2036	2069	2040	2013	1894	1806	1909	1931	1494	1265	960	773	449	307	248	222	341	
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	0	
SRev Co-Gen		1	2	1	1	2	0	-1	-2	-2	0	-1	-1	-2	-1	-5	-3	-1	0	3	6	7	2	8	10	11	
Syncon		720	720	720	720	720	569	720	720	619	619	619	619	468	468	619	619	387	537	387	387	387	537	468	469	570	
Hydro		157	174	155	147	157	280	158	108	119	128	120	127	223	215	116	122	102	114	134	134	135	125	233	292	108	
<b>S.Reserve Total</b>		1494	1549	1836	1969	2235	2226	2539	2872	2884	2952	2905	2880	2683	2538	2717	2706	2033	1986	1524	1362	1026	1028	1006	1037	1157	