

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,270	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,232	MW
Hydro	1,747	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,249</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,511</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>30</b>	<b>MW</b>
<b>System Total</b>	<b>19,072</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 14:30

TNB Generation	5,443	MW
IPP Generation	11,030	MW
Total Set On Bus	17,468	MW
Maximum Demand	16,422	MW
Spinning Reserve	965	MW
Net Energy	346,699	MWH
Load Factor	88.0	%
Total Cost	64,329,294	RM
Cost per Unit	18.96	cents/kWH

**Maximum Demand Record**

<b>Date :</b>	11/06/2014	16,901.0 MW
<b>Date :</b>	24/06/2014	355,911.0 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	14014	13427	13023	12646	12348	12376	12195	11978	12613	14480	15380	15910	15796	15540	16224	16224	16289	15818	14939	14363	15035	15462	15257	14805

**Gas Usage**

Station	(mmscfd)
CBPS	48
GLGR	61
PAKA	191
PGPS	42
SRDG	30
TJGS	219
<b>TNB Total</b>	<b>591</b>
KLPP	123
MPSS	55
PDPS	24
PGLA	107
PKLG	7
PLPS	101
PTEK	16
SGB3	89
SGRI	190
SKSP	39
YPGS	68
YPKA	129
<b>IPP Total</b>	<b>948</b>
<b>Total Gas</b>	<b>1,540</b>

Total Gas Required : 1,540  
Gas Calorific Value : 38,500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	31,683.00	9.14 %
Gas	76,561.00	22.09 %
Hydro	8,388.00	2.42 %
<b>Total TNB</b>	<b>116,632.0</b>	<b>33.65 %</b>
ST-Coal	107,788.0	31.09 %
Gas	122,399.0	35.31 %
<b>Total IPP</b>	<b>230,187.0</b>	<b>66.40 %</b>
Co-Gen	824.0	0.24 %
<b>Total Co-Gen</b>	<b>824.0</b>	<b>0.24 %</b>
<b>Total Generation</b>	<b>347,643.0</b>	<b>100.29 %</b>
PLTG	264.0	0.08 %
HVDC	731.0	0.21 %
<b>Interconnection</b>	<b>995.0</b>	<b>0.29 %</b>
<b>Net Energy</b>	<b>346,648.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	349
Hydro	148
Syncon	550
Thermal	44
<b>Total</b>	<b>1091</b>

	Weather	Temperature
Morning	Sunny	26
Afternoon	Cloudy	34





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
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	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	34	34	30	42	34	32	33	38	36	32	44	37	37	40	32	34	39	36	37	35	36	39	35	36
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>		161	185	151	180	161	155	158	172	168	417	415	401	402	428	384	392	406	402	402	396	404	555	622	603
PCUF	CUFG	6	6	7	6	6	7	7	6	7	7	7	7	7	8	7	7	7	7	7	7	7	7	7	7
PCUF	CUFK	26	26	24	24	26	26	25	24	27	26	25	26	24	27	25	24	24	24	24	24	25	25	24	25
<b>Total Co-Gen</b>		32	32	31	30	32	33	32	30	34	33	32	33	31	32	30	32	31	34	31	30	30	32	33	35
<b>Total Gen</b>		14061	13657	13471	13226	13064	12902	12699	12509	12304	12442	12390	12191	12267	12445	12040	11949	12698	13675	14496	14916	15395	15659	15970	16143
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	31	31	31	30	30	31	31	31	30	30	31	31	29	29	31	31	29	29	31	31	29
TIE-PLTG		17	-1	13	-5	10	15	22	30	-74	-34	-17	-4	41	20	32	-5	54	-45	-13	-46	-16	-13	31	-32
Interconnection		47	30	44	26	41	44	53	60	-44	-3	14	27	72	50	62	26	85	-16	16	-15	15	16	60	-1
<b>System Total</b>		14014	13627	13427	13200	13023	12858	12646	12449	12348	12445	12376	12164	12195	12395	11978	11923	12613	15691	14480	14931	15380	15643	15910	16144
SRev ST-Coal		38	41	52	42	52	45	43	53	25	45	41	36	45	36	43	49	59	43	52	26	41	50	54	29
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		455	520	250	533	668	832	1037	1229	1398	1488	1528	1719	1633	1494	1845	1937	1672	988	604	469	118	160	285	164
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	479	630	630	630	630	630	630	478	629	629	629	478	629	629	629	478	478	479	479	480	479	630	630
Hydro		120	247	130	101	120	126	123	109	113	216	67	81	80	205	98	90	76	80	80	86	81	281	214	82
<b>S.Reserve Total</b>		1243	1087	1062	1306	1470	1633	1833	2021	2166	2227	2265	2465	2387	2213	2615	2705	2436	1740	1365	1210	923	971	1109	964