

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,340 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,232 MW
Hydro	1,733 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,305 MW</b>
<b>Total IPP</b>	<b>11,511 MW</b>
<b>Total Co-Gen</b>	<b>30 MW</b>
<b>System Total</b>	<b>19,410 MW</b>

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

At Daily Maximum Demand Hour : 21:30	
TNB Generation	4,926 MW
IPP Generation	10,153 MW
Total Set On Bus	16,147 MW
Maximum Demand	15,050 MW
Spinning Reserve	1,038 MW
Net Energy	328,849 MWH
Load Factor	91.0 %
Total Cost	57,314,710 RM
Cost per Unit	17.69 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	14208	13465	12991	12660	12461	12278	12239	11919	11818	13004	13615	14367	14191	13949	14379	14790	14850	14648	14103	13874	14620	15033	14900	14758

**Gas Usage**

Station	(mmscfd)
CBPS	37
GLGR	58
PAKA	190
PGPS	37
TJGS	216
<b>TNB Total</b>	<b>539</b>
KLPP	111
MPSS	46
PGLA	110
PLPS	99
SGB3	72
SGRI	187
SKSP	54
YPGS	67
YPKA	129
<b>IPP Total</b>	<b>874</b>
<b>Total Gas</b>	<b>1,413</b>
<b>Total Gas Required :</b>	<b>1,413</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	31,476.00	9.57 %
Gas	70,839.00	21.54 %
Hydro	6,915.00	2.10 %
<b>Total TNB</b>	<b>109,230.0</b>	<b>33.22 %</b>
ST-Coal	105,043.0	31.94 %
ST-Oil	145.0	0.04 %
Gas	115,042.0	34.98 %
<b>Total IPP</b>	<b>220,230.0</b>	<b>66.97 %</b>
Co-Gen	643.0	0.20 %
<b>Total Co-Gen</b>	<b>643.0</b>	<b>0.20 %</b>
<b>Total Generation</b>	<b>330,103.0</b>	<b>100.38 %</b>
PLTG	547.0	0.17 %
EGAT	-24.0	-0.01 %
HVDC	731.0	0.22 %
<b>Interconnection</b>	<b>1,254.0</b>	<b>0.38 %</b>
<b>Net Energy</b>	<b>328,849.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	357
Hydro	155
Syncon	572
Thermal	62
<b>Total</b>	<b>1148</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32





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																										
PCUF	CUFG	6	8	6	6	7	5	6	5	5	5	6	7	6	7	6	7	9	6	7	7	6	6	8	7	6	6	7	8	6	6	0	0	0	0	0	0	0	7	7	5	6	6	5	5	5	5	5	5	6	
PCUF	CUFK	25	24	24	24	25	24	23	23	24	24	24	24	23	25	24	25	26	24	25	26	25	24	24	24	24	25	24	24	24	25	24	25	25	24	25	25	24	25	25	24	25	25	24	24	25					
Total Co-Gen		31	32	30	30	32	29	29	28	29	29	30	31	29	32	30	32	35	30	32	33	31	31	31	33	30	31	33	33	30	30	24	25	24	25	25	26	31	32	29	30	31	30	29	30	30	29	29	31		
Total Gen		14243	13814	13568	13278	12993	12914	12758	12641	12548	12421	12373	12262	12279	12202	12025	11648	11846	12545	13054	13406	13708	14076	14344	14451	14284	14136	14005	14334	14454	14821	14841	14799	14872	14788	14718	14438	14201	13952	13950	14168	14710	15058	15076	15109	14975	15078	14853	14536		
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	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	30	30	31	31	31	31	30	30	30	30	30	30	31	31	31	31	30	30	30	30	30	30	30	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	30	30	30	30	31	31	31	31	30	
TIE-PLTG		5	-72	73	-30	-29	20	67	60	57	50	65	-7	10	-35	76	164	-3	46	19	18	63	-10	-53	18	63	42	25	-45	44	-9	20	-36	-8	8	40	28	67	-33	45	16	60	33	13	28	44	33	64	-19		
Interconnection		35	-42	103	1	2	51	98	90	87	80	95	23	40	-5	106	195	28	77	50	48	93	20	-23	48	93	73	56	-14	75	22	51	-6	22	38	70	59	98	-2	76	46	90	63	43	59	75	64	95	11		
System Total		14208	13856	13465	13277	12991	12863	12660	12551	12461	12341	12278	12239	12239	12207	11919	11453	11818	12468	13004	13358	13615	14056	14367	14403	14191	14063	13949	14348	14379	14799	14790	14805	14850	14750	14648	14379	14103	13954	13874	14122	14620	14995	15033	15050	14900	15014	14758	14525		
SRev ST-Coal		70	46	79	52	68	55	64	65	58	63	121	94	78	77	88	77	160	94	88	86	86	83	84	50	69	100	50	109	49	84	50	20	80	86	42	51	60	56	49	49	47	54	51	58	41	35	40	38		
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	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 ST-Oil		0	0	0	0	0	0	92	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		344	662	490	297	464	599	708	878	974	1278	1372	1509	1502	1584	1772	2013	1765	1236	1109	894	658	281	195	213	354	786	823	574	496	188	220	398	280	159	303	627	839	1090	1099	1042	508	175	158	107	244	81	200	376		
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	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		0	0	0	0	0	-5	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		730	579	579	579	730	579	730	730	730	629	629	629	629	629	629	629	629	478	629	478	629	629	629	629	629	479	578	427	578	578	578	578	578	578	578	429	730	730	730	730	480	479	579	730	630	630	630	630		
Hydro		152	268	188	208	161	266	163	198	203	122	124	121	125	124	130	151	131	251	116	267	124	127	131	105	109	89	135	255	128	124	130	125	119	119	119	248	118	121	118	158	153	281	282	143	150	115	116	115		
S.Reserve Total		1296	1555	1336	1136	1423	1494	1757	1871	1965	2092	2246	2353	2334	2414	2619	2870	2685	2059	1942	1725	1497	1129	1048	1006	1170	1454	1586	1365	1251	974	978	1121	1057	942	1042	1355	1747	1997	1991	1979	1188	984	1065	1038	1060	861	981	1159		