

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,684 MW
Hydro	1,805 MW
Distillate	0 MW
Total TNB	7,559 MW
Total IPP	11,045 MW
Total Co-Gen	0 MW
Total System	19,171 MW

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,743	14.13 %
Gas	57,168	16.57 %
Hydro	15,745	4.56 %
<b>Total TNB</b>	<b>121,656</b>	<b>35.26 %</b>
ST-Coal	112,920	32.73 %
Gas	109,588	31.76 %
<b>Total IPP</b>	<b>222,508</b>	<b>64.49 %</b>
Co-Gen	1,148	0.33 %
<b>Total Co-Gen</b>	<b>1,148</b>	<b>0.33 %</b>
<b>Total Generation</b>	<b>345,312</b>	<b>100.08 %</b>
PLTG	262	0.08 %
Interconnection	262	0.08 %
<b>Net Energy</b>	<b>345,050</b>	<b>100.00 %</b>

**Maximum Demand Record**

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

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

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	17,455 MW
TNB Generation	6,088 MW
IPP Generation	10,440 MW
Spinning Reserve	879 MW
Maximum Demand	16,580 MW
Net Energy	345,050 MWH
Load Factor	86.71 %

**Fuel Cost**

Total Cost:	52,575,438.39 RM
Cost per Unit	15.95 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	384
Hydro	281
Syncon	358
Thermal	38
<b>Total</b>	<b>1,061</b>

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	26

**Hourly System MW Generation**

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13973	13235	12655	12316	12087	11814	11920	12077	12442	14368	15123	15906	15921	15635	16099	16410	16531	16178	14993	14416	15431	15524	14974	14732

**Gas Usage**

Station	(mmscfd)
CBPS	3
CBPS	14
GLGR	53
PAKA	65
PGPS	51
SRDG	36
TJGS	219
<b>Total TNB</b>	<b>442</b>
KLPP	102
MPSS	58
PDPS	12
PGLA	106
PKLG	12
PLPS	94
PTEK	13
SGRI	203
SKSP	52
YPGS	70
YPKA	137
<b>Total IPP</b>	<b>859</b>
<b>Total Gas</b>	<b>1,302</b>
<b>Total Gas Required</b>	<b>1,302</b>

**Alternate Fuel Usage**

Station	(mmscfd)
Total	0





### Daily MW Generation on Tuesday

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	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
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	30	31	30	33	31	33	29	32	32	34	33	32	29	31	53	81	84	81	81	79	57
TMGR	HY03	32	30	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	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
UPIA	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
UPIA	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
Total Hydro		520	476	190	206	175	194	180	177	182	172	190	174	203	178	187	180	216	486	504	694	820	941	1051	1124
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	7	6	8	8	7	7	8	6	7	7	8	8	9	7	8	9	7	7	7	8	8	11	10	9
PCUF	CUFK	37	37	38	39	40	40	40	40	40	41	40	41	40	41	40	39	41	40	39	40	38	35	34	37
Total Co-Gen		44	43	46	47	47	47	48	46	47	47	49	48	50	47	48	50	47	48	48	47	46	48	46	44
Total Gen		13986	13543	13270	13070	12666	12501	12287	12066	12096	11815	11818	11839	11898	11919	12083	12002	12492	13551	14335	14910	15178	15687	15982	16051
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		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-PLTG		13	-2	35	7	11	-7	-29	10	9	16	4	44	-22	-4	6	32	50	21	-33	-21	55	-8	-4	18
Interconnection		13	-2	35	7	11	-7	-29	10	9	16	4	44	-22	-4	6	32	50	21	-33	-21	55	-8	-4	18
System Total		13973	13545	13235	13063	12655	12508	12316	12056	12087	11799	11814	11795	11920	11923	12077	11970	12442	13530	14368	14931	15123	15695	15986	16033
SRRev ST-Coal		10	12	35	17	24	23	8	25	21	35	24	61	26	95	101	83	74	62	24	30	31	37	24	24
SRRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221	158	186	191	260	234
SRRev CCGT-Gas		556	672	496	731	1097	1282	1498	1697	1677	1934	1962	1887	1894	1747	1592	1710	1402	1112	470	535	454	267	208	183
SRRev 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
SRRev Co-Gen		32	33	30	29	29	29	28	30	29	29	27	28	26	29	28	26	29	28	29	30	28	30	30	32
Syncon		618	618	618	719	719	568	719	719	719	719	719	719	568	569	719	719	719	467	467	453	453	453	453	302
Hydro		77	120	206	89	124	256	119	123	118	127	109	125	247	121	112	119	183	265	247	198	72	126	216	294
S.Reserve Total		1293	1455	1385	1585	1993	2158	2372	2594	2564	2844	2841	2820	2761	2561	2552	2657	2407	1934	1236	1466	1198	1097	1122	1093