

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,843 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,937 MW</b>
<b>Total IPP</b>	<b>10,601 MW</b>
<b>Total Co-Gen</b>	<b>84 MW</b>
<b>Total System</b>	<b>19,192 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	56,190	17.19 %
Gas	49,443	15.13 %
Hydro	17,470	5.34 %
<b>Total TNB</b>	<b>123,103</b>	<b>37.66 %</b>
ST-Coal	96,264	29.45 %
Gas	107,000	32.73 %
<b>Total IPP</b>	<b>203,264</b>	<b>62.18 %</b>
Co-Gen	1,253	0.38 %
<b>Total Co-Gen</b>	<b>1,253</b>	<b>0.38 %</b>
<b>Total Generation</b>	<b>327,620</b>	<b>100.23 %</b>
PLTG	13	0.00 %
EGAT	-3	0.00 %
HVDC	729	0.22 %
<b>Interconnection</b>	<b>739</b>	<b>0.23 %</b>
<b>Net Energy</b>	<b>326,881</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:	16:30:00 Hour
Total Set On Bus	16,653 MW
TNB Generation	5,865 MW
IPP Generation	9,719 MW
Spinning Reserve	1,019 MW
Maximum Demand	15,598 MW
Net Energy	326,881 MWH
Load Factor	87.32 %

**Fuel Cost**

Total Cost:	46,849,910.71 RM
Cost per Unit	15.10 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	333
Hydro	248
Syncon	430
Thermal	44
<b>Total</b>	<b>1,055</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

**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	13116	12203	11811	11591	11380	11111	11429	11415	11774	13571	14356	15017	14955	14663	15161	15489	15579	15240	14163	13843	15086	15036	14488	13795

**Gas Usage**

Station	(mmscfd)
CBPS	4
GLGR	54
PAKA	21
PGPS	41
SRDG	47
TJGS	210
<b>Total TNB</b>	<b>377</b>
KLPP	102
MPSS	31
PDPS	11
PGLA	112
PKLG	8
PLPS	96
PTEK	9
SGB3	92
SGRI	159
SKSP	54
YPGS	72
YPKA	96
<b>Total IPP</b>	<b>842</b>
<b>Total Gas</b>	<b>1,220</b>
<b>Total Gas Required</b>	<b>1,220</b>

**Alternate Fuel Usage**

Station	(mmscfd)
<b>Total</b>	<b>0</b>





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
PGAU	HY02	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
PGAU	HY04	-1	-1	-1	30	-1	-1	-1	-1	30	-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	25	0	0	19	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	28	29	27	29	29	30	30	28	32	29	38	32	39	31	27	30	27	31	31	36	84	80	56	58
TMGR	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	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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		543	518	537	571	521	521	382	295	308	331	259	255	315	548	524	479	444	529	525	527	639	738	992	1107
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	14	15	16	15	16	17	14	17	15	14	14	15	16	14	16	15	15	14	15	13	13	13	13	14
PCUF	CUFK	40	40	40	41	40	41	41	41	39	39	38	40	39	41	41	39	41	39	38	40	38	40	39	38
Total Co-Gen		54	55	56	56	56	58	55	58	54	53	53	56	53	57	56	55	56	54	52	54	52	52	53	47
Total Gen		13176	12590	12224	12125	11946	11797	11667	11451	11459	11315	11189	11338	11456	11727	11503	11493	11826	12828	13564	13909	14308	14670	14988	15207
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		31	30	30	30	30	30	30	30	30	31	31	30	30	30	30	31	31	30	30	31	32	31	31	30
TIE-PLTG		30	17	-9	46	104	29	46	24	49	13	47	64	-3	31	57	-1	22	-30	-38	-16	-79	-67	-59	-97
Interconnection		60	47	21	76	135	59	76	54	79	44	78	94	27	61	88	29	52	1	-7	15	-48	-38	-29	-66
System Total		13116	12543	12203	12049	11811	11738	11591	11397	11380	11271	11111	11241	11429	11666	11415	11464	11774	12827	13571	13894	14356	14708	15017	15273
SRev ST-Coal		24	39	82	43	37	46	32	64	41	19	106	89	69	44	23	27	45	63	41	61	59	71	48	35
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 CCGT-Gas		791	1278	1478	1650	1785	1927	1929	2029	2053	2071	1905	1713	1658	1571	1796	1756	1452	868	649	284	102	49	171	233
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 Co-Gen		30	29	28	28	28	26	29	26	30	31	31	31	28	31	27	28	29	29	28	30	32	30	32	32
Syncon		624	624	473	473	624	624	725	725	725	574	725	725	725	473	624	473	624	624	624	473	624	473	624	473
Hydro		107	107	239	205	104	104	142	229	216	344	265	269	209	228	101	297	181	96	100	98	287	374	245	301
S.Reserve Total		1576	2077	2300	2399	2578	2727	2857	3073	3065	3039	3032	2827	2689	2347	2571	2581	2331	1680	1442	1097	948	1156	1128	1064