

#### Availability at Daily Maximum Demand Hour

ST-Coal	2,390 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,713 MW
Hydro	1,893 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,996 MW</b>
<b>Total IPP</b>	<b>9,351 MW</b>
<b>Total Co-Gen</b>	<b>3 MW</b>
<b>Total System</b>	<b>17,920 MW</b>

#### Generation Mix

Type	MWh	Percentage
ST-Coal	51,465	18.17 %
Gas	57,736	20.39 %
Hydro	11,496	4.06 %
<b>Total TNB</b>	<b>120,697</b>	<b>42.62 %</b>
ST-Coal	100,291	35.41 %
Gas	61,512	21.72 %
<b>Total IPP</b>	<b>161,803</b>	<b>57.14 %</b>
Co-Gen	925	0.33 %
<b>Total Co-Gen</b>	<b>925</b>	<b>0.33 %</b>
<b>Total Generation</b>	<b>283,425</b>	<b>100.08 %</b>
PLTG	-496	-0.18 %
HVDC	729	0.26 %
<b>Interconnection</b>	<b>233</b>	<b>0.08 %</b>
<b>Net Energy</b>	<b>283,192</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:	19:30:00 Hour
Total Set On Bus	14,714 MW
TNB Generation	5,476 MW
IPP Generation	7,933 MW
Spinning Reserve	1,267 MW
Maximum Demand	13,398 MW
Net Energy	283,192 MWH
Load Factor	88.07 %

#### Fuel Cost

Total Cost:	35,339,390.60 RM
Cost per Unit	12.99 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	408
Hydro	120
Syncon	606
Thermal	86
<b>Total</b>	<b>1,220</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

#### Gas Usage

Station	(mmscfd)
CBPS	63
GLGR	55
NPRI	47
PAKA	44
TJGS	205
<b>Total TNB</b>	<b>413</b>
KLPP	93
MPSS	46
PDPS	5
PGLA	53
PKLG	5
PLPS	72
PTEK	5
SGRI	157
SKSP	49
<b>Total IPP</b>	<b>484</b>
<b>Total Gas</b>	<b>897</b>
<b>Total Gas Required</b>	<b>897</b>

#### Alternate Fuel Usage

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

#### 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	12402	11921	11376	11110	10844	10722	10683	10334	10176	10690	11331	12001	12049	12008	12197	12140	12170	12017	11820	12838	13322	13177	12907	12609





**Daily MW Generation on Sunday**

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
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		781	735	582	499	520	540	431	432	430	428	429	437	422	407	344	216	222	167	178	149	147	158	440	459
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	11	12	12	12	12	13	12	12	14	13	12	13	14	13	15	14	15	13	12	14	13	14	12	11
PCUF	CUFK	30	30	31	26	24	24	25	27	25	25	25	26	24	26	25	26	25	26	25	25	25	26	25	24
Total Co-Gen		41	42	43	38	36	36	38	36	37	41	38	37	38	39	39	39	41	39	41	38	39	40	40	39
Total Gen		12427	12098	11864	11637	11450	11321	11049	11040	10835	10784	10696	10689	10691	10661	10422	10056	10175	10563	10782	11113	11392	11749	12043	12078
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	30	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31
TIE-PLTG		-5	-48	-87	-20	44	-57	-91	-63	-39	-65	-57	-50	-22	-12	57	15	-32	68	61	42	31	-16	12	5
Interconnection		25	-18	-57	11	74	-28	-61	-33	-9	-34	-26	-19	8	19	88	46	-1	99	92	73	61	14	42	35
System Total		12402	12116	11921	11626	11376	11349	11110	11073	10844	10818	10722	10708	10683	10642	10334	10010	10176	10464	10690	11040	11331	11735	12001	12043
SRev ST-Coal		125	174	101	185	129	119	116	103	119	171	156	173	191	168	195	472	496	211	135	142	147	98	32	21
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		146	212	277	433	705	863	1032	1054	1242	1233	1251	1284	1248	1286	1391	1346	1214	1058	1074	701	601	366	458	520
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		-38	-39	-40	-35	-33	-33	-35	-33	-34	-38	-35	-34	-35	-36	-36	-36	-38	-36	-38	-35	-36	-37	-37	-36
Syncon		625	625	625	625	474	474	726	726	726	726	575	726	726	726	827	827	474	625	625	625	625	625	625	625
Hydro		154	121	149	132	262	242	99	98	98	100	99	242	106	121	184	111	105	213	201	80	82	71	81	122
S.Reserve Total		1012	1093	1112	1340	1537	1665	1938	1948	2151	2192	2197	2240	2236	2265	2460	2720	2604	1920	1997	1513	1419	1123	1159	1252