

#### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,211 MW
Hydro	1,631 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,922 MW</b>
<b>Total IPP</b>	<b>9,489 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,981 MW</b>

#### Generation Mix

Type	MWh	Percentage
ST-Coal	67,123	23.14 %
Gas	43,043	14.84 %
Hydro	7,061	2.43 %
<b>Total TNB</b>	<b>117,227</b>	<b>40.41 %</b>
ST-Coal	91,578	31.57 %
Gas	81,280	28.02 %
<b>Total IPP</b>	<b>172,858</b>	<b>59.59 %</b>
Co-Gen	700	0.24 %
<b>Total Co-Gen</b>	<b>700</b>	<b>0.24 %</b>
<b>Total Generation</b>	<b>290,785</b>	<b>100.24 %</b>
PLTG	-22	-0.01 %
HVDC	726	0.25 %
<b>Interconnection</b>	<b>704</b>	<b>0.24 %</b>
<b>Net Energy</b>	<b>290,081</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:	<del>00:00:00</del> <sup>20</sup> 00:00:00 Hour
Total Set On Bus	14,726 MW
TNB Generation	5,428 MW
IPP Generation	8,085 MW
Spinning Reserve	1,186 MW
Maximum Demand	<b>13,258</b> <del>13,562</del> MW
Net Energy	290,081 MWH
Load Factor	89.12 %

#### Fuel Cost

Total Cost:	36,587,881.74 RM
Cost per Unit	12.90 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	353
Hydro	153
Syncon	726
Thermal	22
<b>Total</b>	<b>1,254</b>

#### Time Weather Temperature

Afternoon	Sunny	17
Morning	Hot	34

#### Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	4
PGPS	31
TJGS	215
<b>Total TNB</b>	<b>304</b>
KLPP	45
MPSS	6
PGLA	106
PLPS	82
SGB3	66
SGRI	175
YPGS	61
YPKA	90
<b>Total IPP</b>	<b>631</b>
<b>Total Gas</b>	<b>935</b>

**Total Gas Required 935**

#### 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	13562	12938	12499	12108	11772	11547	11515	11163	10446	10926	11479	12051	12124	12038	12242	12236	12187	12014	11848	12171	13258	12990	12782	12436





**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																										
Interconnection		-22	38	65	11	11	23	-2	-2	22	40	48	29	16	68	95	61	69	13	72	36	44	26	27	39	32	106	22	29	8	34	-7	-26	2	-5	62	28	-18	2	23	60	29	39	72	13	-12	58	54	-23		
System Total		13862	13249	12938	12731	12499	12310	12108	11898	11772	11567	11547	11431	11515	11497	11163	10609	10446	10702	10926	11181	11479	11694	12051	12105	12124	12023	12038	12152	12242	12285	12236	12390	12187	12191	12014	11870	11848	11802	12171	12882	13258	13166	12990	12992	12782	12577	12436	12329		
SRev ST-Coal		177	52	115	123	94	100	117	104	113	118	105	114	95	108	109	227	323	294	149	91	77	85	52	11	8	13	13	17	2	12	19	15	16	25	41	51	30	112	81	62	19	33	47	12	77	71	77	90		
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 CCGT-Gas		231	298	221	277	212	164	280	449	521	601	590	716	665	639	917	1377	1588	1510	1186	1052	734	523	391	355	344	358	444	344	283	215	283	178	321	317	406	559	896	1123	939	408	401	485	521	286	440	250	338	383		
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 Co-Gen		17	17	18	16	16	15	15	14	11	13	15	14	14	15	13	14	12	15	15	16	18	17	17	17	16	19	18	19	21	18	17	17	19	14	15	16	18	14	14	16	13	12	11	13	10	6	7	4		
Syncon		625	474	474	474	474	323	474	575	726	827	827	827	827	827	676	827	827	625	625	726	676	827	827	827	827	827	676	676	676	827	827	827	827	827	827	827	827	827	827	827	827	625	474	625	625	625	726	676	827	
Hydro		136	167	207	202	201	322	265	219	92	91	125	126	125	254	133	142	194	98	183	155	239	97	113	124	127	132	267	241	246	101	117	91	120	123	127	141	126	133	144	114	124	260	135	116	135	146	246	79		
S.Reserve Total		1186	1068	1035	1092	997	924	1151	1361	1463	1650	1662	1797	1726	1692	1999	2587	2742	2542	2259	2040	1744	1547	1400	1334	1322	1349	1418	1297	1228	1173	1263	1128	1303	1306	1416	1594	1897	2209	2005	1427	1182	1264	1339	1052	1287	1199	1344	1383		