

### Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,031 MW
Hydro	2,000 MW
Distillate	0 MW
<b>Total TNB</b>	<b>9,101 MW</b>
<b>Total IPP</b>	<b>9,952 MW</b>
<b>Total Co-Gen</b>	<b>28 MW</b>
<b>Total System</b>	<b>19,651 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	48,096	16.22 %
Gas	66,437	22.40 %
Hydro	7,196	2.43 %
<b>Total TNB</b>	<b>121,729</b>	<b>41.05 %</b>
ST-Coal	122,247	41.22 %
Gas	52,914	17.84 %
<b>Total IPP</b>	<b>175,161</b>	<b>59.06 %</b>
Co-Gen	438	0.15 %
<b>Total Co-Gen</b>	<b>438</b>	<b>0.15 %</b>
<b>Total Generation</b>	<b>297,328</b>	<b>100.25 %</b>
PLTG	30	0.01 %
HVDC	726	0.24 %
<b>Interconnection</b>	<b>756</b>	<b>0.25 %</b>
<b>Net Energy</b>	<b>296,572</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:	20:30:00 Hour
Total Set On Bus	15,066 MW
TNB Generation	6,011 MW
IPP Generation	7,826 MW
Spinning Reserve	1,210 MW
Maximum Demand	13,884 MW
Net Energy	296,572 MWH
Load Factor	89.00 %

### Fuel Cost

Total Cost:	38,203,796.60 RM
Cost per Unit	13.17 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	451
Hydro	230
Syncon	620
Thermal	81
<b>Total</b>	<b>1,382</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	25

### Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	51
NPRI	75
PAKA	51
PGPS	31
SRDG	4
TJGS	207
<b>Total TNB</b>	<b>468</b>
KLPP	79
PGLA	73
PKLG	3
PLPS	69
SGB3	36
SGRI	153
SKSP	2
<b>Total IPP</b>	<b>415</b>
<b>Total Gas</b>	<b>882</b>
<b>Total Gas Required</b>	<b>882</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	13430	12772	12340	11984	11652	11411	11332	11060	10493	11020	11642	12117	12363	12268	12671	12829	12802	12638	12311	12421	13762	13830	13669	13496





**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																											
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	31	31	30	31	31	30	31	31	30	30	30	30	30	29	29	30	30	31	31	30	30																											
TIE-PLTG		-38	8	17	6	57	35	23	22	18	42	0	42	18	16	51	23	16	-43	-30	-90	64	-1	-18	-1																											
Interconnection		-8	39	47	37	88	65	53	53	49	73	31	72	49	46	82	52	45	-12	0	-61	93	28	12	29																											
<b>System Total</b>		<b>13430</b>	<b>13146</b>	<b>12772</b>	<b>12628</b>	<b>12340</b>	<b>12282</b>	<b>11984</b>	<b>11815</b>	<b>11652</b>	<b>11372</b>	<b>11411</b>	<b>11300</b>	<b>11332</b>	<b>11325</b>	<b>11060</b>	<b>10646</b>	<b>10493</b>	<b>10813</b>	<b>11020</b>	<b>11318</b>	<b>11642</b>	<b>12010</b>	<b>12117</b>	<b>12224</b>	<b>12363</b>	<b>12279</b>	<b>12268</b>	<b>12204</b>	<b>12671</b>	<b>12804</b>	<b>12829</b>	<b>12747</b>	<b>12802</b>	<b>12750</b>	<b>12638</b>	<b>12435</b>	<b>12311</b>	<b>12193</b>	<b>12421</b>	<b>13186</b>	<b>13762</b>	<b>13884</b>	<b>13830</b>	<b>13835</b>	<b>13669</b>	<b>13600</b>	<b>13496</b>	<b>13258</b>			
SRev ST-Coal		29	32	25	75	63	59	31	56	58	32	56	19	-5	7	31	156	303	276	272	229	208	59	41	32	62	311	315	13	61	53	53	78	77	13	97	210	48	51	41	33	53	61	40	19	42	22	26	34			
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	9	12	37	46	45	126	0	0
SRev CCGT-Gas		252	321	735	159	173	297	662	820	987	1339	1357	1443	1472	1475	1676	2047	2133	2014	1753	1358	1006	940	876	799	772	644	578	702	540	481	427	378	231	626	617	911	934	1058	861	316	247	161	92	69	82	103	151	78			
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		12	11	11	10	11	11	12	10	12	12	10	12	12	11	12	11	11	10	11	11	12	11	12	12	10	12	6	2	2	1	2	4	6	11	11	10	11	10	8	9	9	10	11	10	10	10	11	9			
Syncon		802	802	651	651	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	701	575	575	575	575	575	676	676	676	374	374	374	374	676	676	676	676	676	802	802	802	802	802	802	802	802	802	953			
Hydro		117	140	250	221	87	128	120	128	145	141	107	133	119	115	138	137	129	98	93	80	97	130	125	87	107	82	123	115	592	475	514	428	216	132	260	258	257	263	255	284	163	165	126	113	252	243	246	124			
S.Reserve Total		1217	1311	1677	1121	1141	1302	1632	1821	2009	2331	2337	2414	2405	2415	2664	3158	3383	3205	2936	2384	1903	1720	1629	1505	1528	1723	1704	1512	1569	1385	1369	1260	1204	1453	1661	2066	1925	2185	1969	1443	1283	1210	1107	1060	1233	1306	1236	1198			