

### Availability at Daily Maximum Demand Hour

ST-Coal	2,940 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,143 MW
Hydro	2,027 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,110 MW</b>
<b>Total IPP</b>	<b>9,897 MW</b>
<b>Total Co-Gen</b>	<b>36 MW</b>
<b>Total System</b>	<b>18,043 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	65,355	20.67 %
Gas	50,967	16.12 %
Hydro	6,755	2.14 %
<b>Total TNB</b>	<b>123,077</b>	<b>38.93 %</b>
ST-Coal	109,460	34.62 %
ST-Gas	10,200	3.23 %
Gas	72,303	22.87 %
<b>Total IPP</b>	<b>191,963</b>	<b>60.71 %</b>
Co-Gen	627	0.20 %
<b>Total Co-Gen</b>	<b>627</b>	<b>0.20 %</b>
<b>Total Generation</b>	<b>315,667</b>	<b>99.83 %</b>
PLTG	178	0.06 %
HVDC	-700	-0.22 %
<b>Interconnection</b>	<b>-522</b>	<b>-0.17 %</b>
<b>Net Energy</b>	<b>316,189</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:	20:00:00 Hour
Total Set On Bus	15,816 MW
TNB Generation	5,660 MW
IPP Generation	8,855 MW
Spinning Reserve	1,278 MW
Maximum Demand	14,487 MW
Net Energy	316,189 MWH
Load Factor	90.94 %

### Fuel Cost

Total Cost:	42,445,100.80 RM
Cost per Unit	13.74 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	356
Hydro	337
Syncon	661
Thermal	175
<b>Total</b>	<b>1,529</b>

Time	Weather	Temperature
Afternoon	Cloudy	33
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	55
NPRI	8
PAKA	110
PGPS	51
SRDG	2
TJGS	111
<b>Total TNB</b>	<b>387</b>
KLPP	70
MPSS	47
PDPS	2
PGLA	112
PLPS	88
SGB3	37
SGRI	170
SKSP	37
PKLG	102
<b>Total IPP</b>	<b>665</b>
<b>Total Gas</b>	<b>1,052</b>
<b>Total Gas Required</b>	<b>1,052</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	13553	12924	12541	12190	11918	11564	11616	11607	11388	12544	13268	13986	13926	13729	14028	14116	14079	13812	13331	13175	14487	14331	13981	13626





**Daily MW Generation on Saturday**

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																										
Total Hydro		275	273	218	224	225	205	209	203	225	198	205	212	205	209	202	182	152	198	183	163	161	270	463	604	494	437	381	381	379	317	225	231	318	231	219	187	198	189	196	254	655	381	348	414	420	243	212	221		
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	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
PCUF	CUFK	8	8	7	7	7	6	7	7	8	8	7	7	7	7	6	6	7	7	7	2	3	3	2	1	3	2	2	2	0	0	0	0	0	0	1	2	3	2	1	2	2	2	2	2	1	1	2	2	2	
PCUF	CUFK	23	23	23	23	23	23	24	24	24	24	24	24	24	25	24	26	26	25	24	25	25	25	23	25	20	18	22	22	20	20	19	19	21	20	21	20	22	21	19	21	20	21	20	21	20	20	21			
Total Co-Gen		31	31	30	30	30	29	31	31	32	32	31	31	32	31	32	30	32	33	33	27	27	28	25	26	26	27	22	20	22	22	20	20	19	20	23	23	22	22	22	24	23	21	23	21	22	22	22	23		
Total Gen		13525	13284	12948	12709	12490	12214	12200	11906	11901	11759	11569	11670	11578	11634	11568	11447	11430	12036	12534	12975	13230	13711	13961	14126	13908	13786	13708	13834	13996	14213	14004	14128	14051	13885	13757	13428	13310	13167	13127	13929	14538	14392	14375	14249	14082	13832	13488	13461		
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	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	
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	-30	-29	-29	-30	-30	-29	-29	-30	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29			
TIE-PLTG		1	39	54	2	-21	-39	38	-1	12	46	34	-6	-9	-1	-10	67	71	-1	19	-3	-9	62	5	41	11	-28	8	-1	-2	-42	-81	-75	0	-31	-25	76	8	58	-19	-50	79	44	72	78	130	-53	-109	-81		
Interconnection		-28	10	24	-27	-51	-68	10	-30	-17	17	5	-36	-38	-30	-39	37	42	-31	-10	-32	-38	33	-25	11	-18	-57	-21	-31	-32	-72	-112	-105	-28	-61	-55	47	-21	29	-48	-80	51	15	44	49	101	-82	-138	-110		
System Total		13553	13274	12924	12736	12541	12282	12190	11936	11918	11742	11564	11706	11616	11664	11607	11410	11388	12067	12544	13007	13268	13678	13986	14115	13926	13843	13729	13865	14028	14285	14116	14233	14079	13946	13812	13981	13331	13138	13175	14009	14487	14377	14331	14200	13981	13914	13626	13571		
SRev ST-Coal		85	96	90	90	84	85	114	100	98	63	92	92	83	79	89	88	86	129	137	123	150	259	151	192	207	278	183	113	114	121	133	129	312	174	152	116	149	152	201	180	187	166	164	165	171	194	197	184		
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	116	3	-1	0	0	0	0	0		
SRev CCGT-Gas		317	528	749	355	581	835	723	1025	1055	1144	1311	1217	1312	1263	1313	1413	1404	1096	1017	869	644	224	206	140	235	227	350	343	419	416	488	145	125	277	292	599	838	991	1042	304	206	208	202	203	342	100	153	167		
SRev ST-Gas		70	70	69	69	69	69	69	69	69	69	69	70	70	69	69	69	69	80	44	6	-2	0	-2	-2	-2	-1	-1	-3	-3	13	24	1	1	-1	-5	-1	-1	-35	-47	-1	-1	-2	-2	-47	50	44	77	74		
SRev Co-Gen		5	5	6	6	6	7	5	5	4	4	5	5	4	5	4	6	4	3	3	9	9	8	11	10	10	9	14	16	6	6	8	8	9	16	13	13	14	14	14	12	13	15	13	15	14	14	14	13		
Syncon		953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953		
Hydro		129	131	136	130	129	149	145	151	280	156	149	142	149	145	142	162	142	247	262	134	136	128	413	372	482	438	494	494	496	432	374	368	381	418	380	261	250	283	253	345	192	315	262	296	290	267	242	233		
S.Reserve Total		1559	1783	2003	1603	1822	2098	2009	2303	2308	2389	2579	2479	2571	2514	2570	2691	2658	2357	2265	2094	1890	1471	1203	1136	1356	1476	1565	1488	1557	1639	1678	1302	1479	1535	1483	1790	2052	2207	2264	1491	1278	1421	1440	1434	1649	1421	1485	1473		