

### Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,089 MW
Hydro	1,754 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,913 MW</b>
<b>Total IPP</b>	<b>10,225 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,423 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	42,104	14.93 %
Gas	59,046	20.94 %
Hydro	6,675	2.37 %
<b>Total TNB</b>	<b>107,825</b>	<b>38.25 %</b>
ST-Coal	101,093	35.86 %
Gas	71,529	25.37 %
<b>Total IPP</b>	<b>172,622</b>	<b>61.23 %</b>
Co-Gen	1,576	0.56 %
<b>Total Co-Gen</b>	<b>1,576</b>	<b>0.56 %</b>
<b>Total Generation</b>	<b>282,023</b>	<b>100.03 %</b>
PLTG	794	0.28 %
HVDC	-700	-0.25 %
<b>Interconnection</b>	<b>94</b>	<b>0.03 %</b>
<b>Net Energy</b>	<b>281,929</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	14,335 MW
TNB Generation	5,777 MW
IPP Generation	7,603 MW
Spinning Reserve	890 MW
Maximum Demand	13,432 MW
Net Energy	281,929 MWH
Load Factor	87.45 %

### Fuel Cost

Total Cost:	36,162,864.18 RM
Cost per Unit	13.13 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	593
Hydro	128
Syncon	498
Thermal	53
<b>Total</b>	<b>1,272</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	26

### Gas Usage

Station	(mmscfd)
CBPS	29
GLGR	58
PAKA	94
PGPS	25
SRDG	17
TJGS	216
<b>Total TNB</b>	<b>438</b>
KLPP	75
MPSS	38
PDPS	3
PGLA	54
PLPS	68
SGB3	38
SGRI	148
SKSP	7
YPGS	70
YPKA	65
<b>Total IPP</b>	<b>565</b>
<b>Total Gas</b>	<b>1,004</b>
<b>Total Gas Required</b>	<b>1,004</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	12807	12296	11861	11362	11094	11017	10889	10635	10029	10322	10987	11513	11585	11515	11742	11864	11857	11811	11590	12038	13243	13348	13081	12925





**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
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	CUFK	30	31	31	30	32	30	31	32	31	33	33	33	33	31	32	33	31	32	30	31	30	30	32	33
PCUF	CUFK	40	40	41	39	40	39	40	37	37	39	37	39	37	38	39	40	38	39	38	34	33	32	34	35
Total Co-Gen		70	71	72	69	72	69	71	69	68	72	70	72	71	71	72	73	71	70	70	67	64	64	63	67
Total Gen		12807	12487	12231	12084	11865	11593	11384	11383	11148	10998	11025	10971	10943	10841	10760	10293	10043	10301	10352	10693	10948	11364	11534	
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	
TIE-HVDC		-30	-29	-29	-30	-30	-30	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-30	
TIE-PLTG		30	8	-35	25	34	40	52	42	83	-28	36	45	82	95	154	93	43	60	59	38	-10	-1	51	
Interconnection		0	-22	-65	-4	4	10	22	13	54	-57	8	16	54	66	125	64	14	31	30	9	-39	-31	21	
System Total		12807	12489	12296	12088	11861	11583	11362	11370	11094	11055	11017	10955	10889	10775	10635	10329	10029	10270	10322	10684	10987	11395	11513	
SRev ST-Coal		202	205	212	206	205	212	204	202	209	209	214	209	214	217	233	459	625	533	515	127	25	28	31	
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	
SRev CCGT-Gas		286	221	225	99	246	346	202	176	282	444	401	468	488	617	948	1502	1554	1534	1533	1563	1385	1004	873	
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	
SRev Co-Gen		6	5	4	7	4	7	5	7	8	4	6	4	5	5	4	3	5	6	6	9	12	12	12	
Syncon		568	568	719	568	568	568	568	719	719	719	719	719	719	719	719	719	719	568	719	719	568	568	568	
Hydro		157	155	117	156	153	151	155	185	155	150	155	152	155	140	164	165	148	148	269	132	154	30	125	
S.Reserve Total		1219	1154	1277	1036	1176	1284	1134	1138	1373	1526	1495	1552	1581	1698	2068	2848	3051	2940	2891	2550	2295	1642	1609	