

### Availability at Daily Maximum Demand Hour

ST-Coal	1,610 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,446 MW
Hydro	2,133 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,189 MW</b>
<b>Total IPP</b>	<b>9,026 MW</b>
<b>Total Co-Gen</b>	<b>55 MW</b>
<b>Total System</b>	<b>17,270 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	35,099	11.41 %
Gas	74,204	24.13 %
Hydro	25,584	8.32 %
<b>Total TNB</b>	<b>134,887</b>	<b>43.86 %</b>
ST-Coal	92,409	30.05 %
ST-Gas	660	0.21 %
ST-Oil	10,566	3.44 %
Gas	67,639	21.99 %
Distillate	831	0.27 %
<b>Total IPP</b>	<b>172,105</b>	<b>55.96 %</b>
Co-Gen	1,241	0.40 %
<b>Total Co-Gen</b>	<b>1,241</b>	<b>0.40 %</b>
<b>Total Generation</b>	<b>308,233</b>	<b>100.22 %</b>
PLTG	-63	-0.02 %
HVDC	728	0.24 %
<b>Interconnection</b>	<b>665</b>	<b>0.22 %</b>
<b>Net Energy</b>	<b>307,568</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	15,333 MW
TNB Generation	6,652 MW
IPP Generation	7,471 MW
Spinning Reserve	1,158 MW
Maximum Demand	14,122 MW
Net Energy	307,568 MWH
Load Factor	90.75 %

### Fuel Cost

Total Cost:	43,621,025.70 RM
Cost per Unit	15.43 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	697
Hydro	307
Syncon	169
Thermal	31
<b>Total</b>	<b>1,204</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	55
NPRI	53
PAKA	183
PGGS	9
PGPS	31
SRDG	4
TJGS	198
<b>Total TNB</b>	<b>582</b>

KLPP	87
PDPS	2
PGLA	107
PKLG	2
PLPS	95
SGB3	47
SGRI	150
SKSP	50
PKLG	7
<b>Total IPP</b>	<b>548</b>
<b>Total Gas</b>	<b>1,130</b>

<b>Total Gas Required</b>	<b>1,241</b>
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### Alternate Fuel Usage

Station	(mmscfd)
SGB3	6
SGRI	2
PKLG	104
<b>Total</b>	<b>111</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	12986	12368	11899	11632	11404	11272	11260	11158	11030	12337	13245	13784	13620	13395	13705	13743	13753	13485	13104	13302	14117	13871	13530	13076





**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
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	81	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	85	85	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	80	82	79	79	78	35	34	31	32	32	30	31	32	35	32	31	36	33	90	85	85	79	81	83
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPLA	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		559	500	483	381	367	347	347	374	360	391	348	352	373	382	379	294	332	318	565	1000	1378	1527	1548	1603
SGB3	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	25	25	25	24	24	23	24	24	24	25	24	24	24	25	25	25	24	22	23	23	21	22	24	23
PCUF	CUFK	26	26	27	27	27	26	24	26	25	27	28	28	28	26	30	30	31	30	29	26	28	28	26	26
Total Co-Gen		51	51	52	51	51	49	48	50	49	51	53	52	52	50	55	55	56	55	53	48	51	51	47	47
Total Gen		13039	12717	12396	12167	11936	11872	11642	11563	11438	11322	11261	11229	11322	11382	11176	10943	11026	11813	12354	12782	13234	13693	13816	
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	29	29	31	31	31	31	31	31	31	30	30	30	30	30	30	31	31
TIE-PLTG		23	-45	-4	-38	7	-9	-20	35	5	-10	-42	-19	31	-10	-13	23	-35	47	-13	-35	-41	35	2	
Interconnection		53	-15	28	-7	37	21	10	65	34	19	-11	12	62	21	18	54	-4	77	17	-5	-11	65	32	
System Total		12986	12732	12368	12174	11899	11851	11632	11498	11404	11303	11272	11217	11260	11361	11158	10889	11030	11736	12337	12787	13245	13628	13784	
SRev ST-Coal		25	44	57	-24	-3	-3	65	51	52	49	50	44	49	54	116	112	77	91	52	104	54	7	-22	
SRev ST-Oil		0	0	0	25	5	1	39	40	42	42	38	0	-1	-1	-1	-1	-1	-1	-1	-1	0	16	19	
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		616	679	863	806	1016	1062	1130	1286	1406	1744	1773	1817	1741	1683	1685	1668	1757	877	530	595	659	465	651	
SRev ST-Gas		72	72	73	36	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev 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
SRev Co-Gen		4	4	3	4	4	6	7	5	6	4	2	3	3	5	0	0	-1	0	2	7	4	8	8	
Syncon		878	878	878	964	964	964	964	964	964	813	964	964	964	813	475	238	137	137	137	137	137	137	137	137
Hydro		135	194	211	77	91	111	111	84	98	218	110	106	85	76	79	116	78	92	96	234	391	343	322	
S.Reserve Total		1730	1871	2085	1888	2114	2178	2316	2430	2568	2870	2937	2934	2841	2781	2843	2859	2874	2023	1492	1414	1345	955	1096	