

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,139 MW
Hydro	1,708 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,917 MW</b>
<b>Total IPP</b>	<b>10,023 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,510 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,749	16.61 %
Gas	47,908	16.66 %
Hydro	7,147	2.49 %
<b>Total TNB</b>	<b>102,804</b>	<b>35.75 %</b>
ST-Coal	90,080	31.33 %
Gas	92,671	32.23 %
<b>Total IPP</b>	<b>182,751</b>	<b>63.55 %</b>
Co-Gen	1,949	0.68 %
<b>Total Co-Gen</b>	<b>1,949</b>	<b>0.68 %</b>
<b>Total Generation</b>	<b>287,504</b>	<b>99.98 %</b>
PLTG	-779	-0.27 %
EGAT	-1	0.00 %
HVDC	727	0.25 %
<b>Interconnection</b>	<b>-53</b>	<b>-0.02 %</b>
<b>Net Energy</b>	<b>287,557</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	14,438 MW
TNB Generation	4,944 MW
IPP Generation	8,441 MW
Spinning Reserve	974 MW
Maximum Demand	13,479 MW
Net Energy	287,557 MWH
Load Factor	88.89 %

**Fuel Cost**

Total Cost:	34,410,904.97 RM
Cost per Unit	13.09 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	284
Hydro	105
Syncon	534
Thermal	73
<b>Total</b>	<b>996</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

**Gas Usage**

Station	(mmscfd)
GLGR	57
PAKA	22
PGPS	50
SRDG	1
TJGS	217
<b>Total TNB</b>	<b>347</b>
KLPP	102
MPSS	46
PGLA	118
PLPS	98
SGB3	71
SGRI	204
SKSP	50
YPGS	0
YPKA	33
<b>Total IPP</b>	<b>723</b>

**Alternate Fuel Usage**

Station	(mmscfd)
<b>Total</b>	<b>0</b>

<b>Total Gas</b>	<b>1,071</b>
<b>Total Gas Required</b>	<b>1,071</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	12332	11859	11434	10967	10834	10525	10489	10349	10253	11122	11936	12727	12658	12411	12722	12668	12663	12467	12164	12356	13367	13368	12906	12599





### 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																										
Interconnection		-56	-41	-5	-79	-24	20	19	-4	-50	43	55	7	16	-5	87	59	0	0	22	10	-17	-29	-74	-96	-8	-22	-44	-45	-37	-5	22	7	19	-12	31	2	43	-2	10	19	8	-15	3	4	-2	62	4	-2		
System Total		12332	11880	11859	11610	11434	11110	10967	10954	10834	10549	10525	10455	10489	10579	10349	10142	10253	10808	11122	11604	11936	12319	12727	12783	12658	12572	12411	12599	12722	12729	12668	12668	12663	12667	12467	12246	12164	12292	12356	13210	13367	13479	13368	13221	12906	12727	12599	12497		
SRev ST-Coal		-20	19	40	29	48	52	38	304	309	337	335	313	298	286	481	575	568	346	321	241	190	219	156	77	69	73	79	73	31	-40	52	37	37	53	46	57	48	51	69	39	49	45	42	43	40	54	41	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	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		296	544	90	179	126	392	549	386	489	665	780	920	909	837	847	889	848	911	972	764	628	317	133	255	257	253	429	238	235	253	322	337	334	349	549	748	810	724	621	349	250	179	184	330	369	248	301	181		
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		-6	-7	-4	-4	-10	-6	-6	-9	-8	-5	-3	-8	-6	-5	-6	-6	-7	-6	-5	-8	-6	-6	-5	-4	-5	-3	-5	-3	-3	-4	-1	-3	-3	-6	-3	-4	-3	-4	-5	-7	-6	-3	-6	-8	-7	-6	-4	-4		
Syncon		728	426	577	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	728	
Hydro		126	394	154	105	126	132	133	129	131	140	128	133	265	128	110	107	103	113	251	125	145	168	195	66	110	108	111	94	89	255	96	115	109	108	119	110	248	249	111	229	93	93	97	98	229	74	117	110		
S.Reserve Total		1124	1376	857	1037	1018	1298	1442	1538	1649	1865	1968	2086	2043	1974	2160	2293	2240	2092	2116	1850	1685	1339	1056	1122	1159	1159	1342	1180	1080	1041	1197	1212	1205	1232	1439	1639	1680	1597	1524	1086	1063	974	944	1090	1107	997	1183	1046		