

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,330 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,225 MW
Hydro	1,807 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,362 MW</b>
<b>Total IPP</b>	<b>10,752 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,678 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	54,759	16.02 %
Gas	67,123	19.63 %
Hydro	16,358	4.78 %
<b>Total TNB</b>	<b>138,240</b>	<b>40.43 %</b>
ST-Coal	98,296	28.75 %
Gas	102,657	30.03 %
<b>Total IPP</b>	<b>200,953</b>	<b>58.78 %</b>
Co-Gen	1,479	0.43 %
<b>Total Co-Gen</b>	<b>1,479</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>340,672</b>	<b>99.64 %</b>
PLTG	-528	-0.15 %
HVDC	-700	-0.20 %
<b>Interconnection</b>	<b>-1,228</b>	<b>-0.36 %</b>
<b>Net Energy</b>	<b>341,900</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:	15:30:00 Hour
Total Set On Bus	17,459 MW
TNB Generation	6,678 MW
IPP Generation	9,581 MW
Spinning Reserve	1,144 MW
Maximum Demand	16,360 MW
Net Energy	341,900 MWH
Load Factor	87.08 %

**Fuel Cost**

Total Cost:	50,730,000.54 RM
Cost per Unit	15.64 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	403
Hydro	341
Syncon	399
Thermal	40
<b>Total</b>	<b>1,183</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

**Gas Usage**

Station	(mmscfd)
CBPS	5
CBPS	46
GLGR	55
PAKA	140
PGPS	36
SRDG	19
TJGS	210
<b>Total TNB</b>	<b>512</b>
KLPP	95
MPSS	58
PGLA	104
PKLG	5
PLPS	96
SGB3	83
SGRI	160
YPGS	69
YPKA	135
<b>Total IPP</b>	<b>804</b>
<b>Total Gas</b>	<b>1,316</b>
<b>Total Gas Required</b>	<b>1,316</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	13582	13120	12487	12119	11763	11662	11991	12072	12524	14285	15231	15837	15955	15583	16150	16338	16256	15884	14836	14435	15307	15213	14831	14294





### Daily MW Generation on Thursday

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	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	-1	-1	-1	-1	-1	25	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	30	36	35	35	23	24	28	33	32	34	33	42	35	39	35	36	37	33	34	35	41	65	60	60
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
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		219	213	211	212	143	146	181	167	166	331	302	318	405	524	367	406	407	390	460	555	786	990	1120	1121
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	40	38	39	39	40	42	40	40	42	42	41	42	40	40	41	40	39	38	39	38	32	33	34	33
PCUF	CUFK	28	27	28	28	29	30	28	28	30	29	29	27	26	28	29	27	26	27	21	21	21	19	21	20
Total Co-Gen		68	65	67	67	69	72	68	68	72	71	70	69	66	68	69	67	67	60	59	60	57	53	53	54
Total Gen		13565	13070	13017	12514	12471	12209	12140	11797	11706	11723	11594	11753	11928	12346	12102	11959	12492	13406	14184	14790	15158	15491	15778	15930
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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29
TIE-PLTG		12	-77	-74	-91	13	-2	50	-1	-28	-126	-39	-113	-33	3	59	19	-2	-31	-73	-41	-43	-33	-30	
Interconnection		-17	-106	-103	-120	-16	-31	21	-30	-57	-155	-68	-142	-63	-26	30	-11	-32	-59	-101	-70	-73	-62	-59	
System Total		13582	13176	13120	12634	12487	12240	12119	11827	11763	11878	11662	11895	11991	12372	12072	11970	12524	13465	14285	14860	15231	15553	15837	16010
SRev ST-Coal		141	48	54	69	170	104	110	102	73	56	46	-15	33	19	39	49	45	67	11	6	17	24	142	
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		703	1046	1093	1582	1434	1661	1650	1860	1894	1819	1928	1845	1706	1423	1491	1661	1893	1293	741	284	300	226	317	
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
SRev Co-Gen		-24	-21	-23	-23	-25	-28	-24	-24	-28	-27	-26	-25	-22	-24	-25	-23	-23	-23	-16	-15	-16	-13	-9	
Syncon		726	827	827	827	827	676	827	827	575	726	726	625	474	625	625	625	625	625	474	453	453	302	302	
Hydro		191	96	98	97	166	163	279	142	143	230	108	92	106	138	144	105	104	121	151	355	484	330	351	
S.Reserve Total		1737	1996	2049	2552	2572	2727	2691	2907	2909	2653	2782	2623	2448	2030	2274	2417	2644	2083	1512	1104	1294	1021	1134	