

**Availability at Daily Maximum Demand Hour**

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,311 MW
Hydro	1,539 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,890 MW</b>
<b>Total IPP</b>	<b>10,526 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>19,933 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	68,508	19.96 %
Gas	65,054	18.95 %
Hydro	10,369	3.02 %
<b>Total TNB</b>	<b>143,931</b>	<b>41.93 %</b>
ST-Coal	85,122	24.80 %
Gas	113,916	33.18 %
<b>Total IPP</b>	<b>199,038</b>	<b>57.98 %</b>
Co-Gen	1,448	0.42 %
<b>Total Co-Gen</b>	<b>1,448</b>	<b>0.42 %</b>
<b>Total Generation</b>	<b>344,417</b>	<b>100.33 %</b>
PLTG	403	0.12 %
HVDC	727	0.21 %
<b>Interconnection</b>	<b>1,130</b>	<b>0.33 %</b>
<b>Net Energy</b>	<b>343,287</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:	14:30:00 Hour
Total Set On Bus	17,412 MW
TNB Generation	6,820 MW
IPP Generation	9,435 MW
Spinning Reserve	1,101 MW
Maximum Demand	16,275 MW
Net Energy	343,287 MWH
Load Factor	87.88 %

**Fuel Cost**

Total Cost:	56,274,008.49 RM
Cost per Unit	16.84 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	504
Hydro	121
Syncon	551
Thermal	68
<b>Total</b>	<b>1,244</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

**Gas Usage**

Station	(mmscfd)
CBPS	13
CBPS	46
GLGR	55
PAKA	92
PGPS	43
SRDG	29
TJGS	218
<b>Total TNB</b>	<b>496</b>
KLPP	103
MPSS	58
PDPS	12
PGLA	111
PKLG	7
PLPS	95
PTEK	10
SGB3	57
SGRI	197
SKSP	33
YPGS	69
YPKA	135
<b>Total IPP</b>	<b>887</b>
<b>Total Gas</b>	<b>1,383</b>
<b>Total Gas Required</b>	<b>1,383</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	13876	13125	12684	12338	11986	11783	11928	11746	12454	14134	15300	15911	15952	15592	16192	16273	16210	15687	14687	14471	15535	15295	15147	14583





### 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
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
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	-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	HY03	32	26	33	34	26	26	29	35	43	41	42	42	35	32	27	31	33	37	31	83	74	33	63	66
TMGR	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
UPIA	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		189	182	191	192	160	160	155	169	188	207	185	185	185	178	174	220	226	286	295	374	468	347	645	701
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	24	25	25	26	26	26	26	25	25	28	27	26	27	26	26	26	25	28	27	26	26	26
PCUF	CUFK	30	32	35	36	37	37	38	37	40	38	40	39	39	40	41	41	39	38	33	31	31	29	28	30
Total Co-Gen		55	57	59	61	62	62	63	64	63	66	63	65	67	66	68	68	65	64	59	56	56	55	54	58
Total Gen		13929	13486	13130	13002	12738	12637	12469	12189	12013	11795	11826	11730	11995	12131	11860	11785	12514	13537	14198	14816	15364	15555	15899	16062
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	30	30	30	30	30	30	30	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31
TIE-PLTG		22	40	-27	-1	23	96	99	62	-5	27	11	-12	35	58	83	-18	27	-37	31	-55	30	-39	-45	-67
Interconnection		51	70	3	29	52	126	129	91	25	58	41	18	65	88	113	12	58	-6	62	-24	62	-8	-14	
System Total		13876	13414	13125	12971	12684	12509	12338	12118	11986	11735	11783	11710	11928	12042	11746	11771	12454	13566	14134	14838	15300	15561	15911	16096
SRcv ST-Coal		65	186	171	149	80	129	152	94	89	94	216	156	150	173	150	42	118	152	162	143	82	63	51	
SRcv 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
SRcv CCGT-Gas		333	273	449	454	708	691	832	1186	1384	1619	1410	1509	1252	1085	1348	1489	879	1275	767	534	567	312	292	
SRcv 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
SRcv Co-Gen		21	19	17	15	14	14	13	12	13	11	9	10	10	8	8	11	12	17	20	20	21	22	18	
Syncon		790	639	640	640	640	640	489	640	489	640	640	489	489	640	640	489	489	640	640	556	556	554	554	554
Hydro		117	225	115	114	146	146	151	266	118	250	121	121	121	128	132	86	116	231	121	64	106	227	166	
S.Reserve Total		1326	1342	1392	1372	1588	1620	1788	2047	2244	2462	2400	2437	2172	2035	2279	2265	1761	2158	1702	1398	1439	1258	1273	1123