

#### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,844 MW
Hydro	1,840 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,764 MW</b>
<b>Total IPP</b>	<b>8,477 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>17,811 MW</b>

#### Generation Mix

Type	MWh	Percentage
ST-Coal	67,051	21.86 %
Gas	66,802	21.78 %
Hydro	15,257	4.97 %
<b>Total TNB</b>	<b>149,110</b>	<b>48.62 %</b>
ST-Coal	67,381	21.97 %
Gas	89,037	29.03 %
<b>Total IPP</b>	<b>156,418</b>	<b>51.00 %</b>
Co-Gen	1,478	0.48 %
<b>Total Co-Gen</b>	<b>1,478</b>	<b>0.48 %</b>
<b>Total Generation</b>	<b>307,006</b>	<b>100.10 %</b>
PLTG	-410	-0.13 %
EGAT	-4	0.00 %
HVDC	725	0.24 %
<b>Interconnection</b>	<b>311</b>	<b>0.10 %</b>
<b>Net Energy</b>	<b>306,695</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:	16:30:00 Hour
Total Set On Bus	15,427 MW
TNB Generation	7,096 MW
IPP Generation	7,283 MW
Spinning Reserve	984 MW
Maximum Demand	14,460 MW
Net Energy	306,695 MWH
Load Factor	88.37 %

#### Fuel Cost

Total Cost:	43,837,034.77 RM
Cost per Unit	15.06 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	233
Hydro	300
Syncon	393
Thermal	136
<b>Total</b>	<b>1,062</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

#### Gas Usage

Station	(mmscfd)
CBPS	26
CBPS	47
GLGR	55
PAKA	97
PGPS	43
SRDG	41
TJGS	213
<b>Total TNB</b>	<b>523</b>
KLPP	4
MPSS	51
PDPS	38
PGLA	116
PKLG	30
PLPS	109
PTEK	33
SGB3	107
SGRI	179
YPKA	55
<b>Total IPP</b>	<b>721</b>
<b>Total Gas</b>	<b>1,244</b>
<b>Total Gas Required</b>	<b>1,244</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	12116	11733	11264	10930	10580	10419	10366	10533	10916	12658	13470	13911	13981	13739	14147	14435	14382	14247	13390	13484	14345	14040	13653	13236





Daily MW Generation on Friday

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	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	31	85	83	33	32	32	32	33	35	34	33	31	28	32	34	33	33	35	62	83	83	83	83	81
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		288	420	417	257	255	221	192	194	193	195	194	190	208	192	196	218	194	197	915	1111	1093	1114	1105	1111
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	35	34	35	35	35	35	36	36	36	36	35	36	37	37	37	37	38	37	37	37	36	35	35	34
PCUF	CUFK	25	27	25	25	25	25	26	26	25	27	27	25	25	24	25	25	23	24	24	23	22	20	19	20
Total Co-Gen		60	61	60	60	60	61	61	61	63	63	60	61	61	62	62	61	61	61	60	58	55	54	54	51
Total Gen		12121	11934	11738	11452	11254	11032	10907	10711	10596	10497	10441	10347	10274	10504	10536	10549	10992	11990	12691	13284	13456	13844	13957	14150
TIE-BGAT		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	30	30	30	31	30	30	29	29	30	30	30	30	31	31	30	30	31	31	30	30	30
TIE-PLTG		-25	-35	-25	-14	-40	-28	-53	-30	-15	-42	-8	20	-21	-30	-28	-1	47	4	3	-47	-45	-75	16	-32
Interconnection		5	-5	5	16	-10	1	-23	1	16	-12	22	50	8	1	3	29	76	33	33	-16	-14	-45	46	-1
System Total		12116	11939	11733	11436	11264	11031	10930	10710	10580	10509	10419	10297	10266	10503	10533	10520	10916	11957	12658	13220	13470	13889	13911	14151
SRev ST-Coal		155	95	93	70	86	94	82	85	88	98	96	94	88	91	87	70	91	58	86	153	122	108	126	112
SRev CCGT-Gas		111	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	53	3	4	39	19
SRev CCGT-Gas		73	114	257	406	586	776	885	1080	1191	1284	1311	1400	1398	1249	1370	1396	1010	401	374	430	361	98	253	117
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		-16	-17	-16	-16	-16	-16	-17	-17	-17	-19	-19	-16	-17	-17	-18	-18	-17	-17	-17	-16	-14	-11	-10	-10
Syncon		726	726	726	726	726	676	827	827	827	827	827	827	676	827	827	676	827	827	151	151	453	453	453	453
Hydro		201	69	72	154	156	240	118	116	117	115	116	120	253	118	114	243	116	113	358	361	102	231	240	234
S.Reserve Total		1280	1036	1122	1340	1538	1770	1895	2091	2206	2305	2331	2425	2398	2268	2380	2367	2027	1382	981	1132	1027	883	1101	925