

#### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,595 MW
Hydro	1,738 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,413 MW</b>
<b>Total IPP</b>	<b>9,902 MW</b>
<b>Total Co-Gen</b>	<b>88 MW</b>
<b>Total System</b>	<b>18,403 MW</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:	16:00:00 Hour
Total Set On Bus	17,217 MW
TNB Generation	7,013 MW
IPP Generation	9,025 MW
Spinning Reserve	1,144 MW
Maximum Demand	16,089 MW
Net Energy	339,490 MWH
Load Factor	87.92 %

#### Gas Usage

Station	(mmscfd)
CBPS	23
CBPS	48
GLGR	55
PAKA	172
PGPS	26
SRDG	17
TJGS	220
<b>Total TNB</b>	<b>560</b>

#### Alternate Fuel Usage

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

#### Generation Mix

Type	MWh	Percentage
ST-Coal	68,735	20.25 %
Gas	72,253	21.28 %
Hydro	12,299	3.62 %
<b>Total TNB</b>	<b>153,287</b>	<b>45.15 %</b>
ST-Coal	88,183	25.98 %
ST-Gas	5,743	1.69 %
Gas	91,179	26.86 %
<b>Total IPP</b>	<b>185,105</b>	<b>54.52 %</b>
Co-Gen	886	0.26 %
<b>Total Co-Gen</b>	<b>886</b>	<b>0.26 %</b>
<b>Total Generation</b>	<b>339,278</b>	<b>99.94 %</b>
PLTG	-924	-0.27 %
HVDC	712	0.21 %
<b>Interconnection</b>	<b>-212</b>	<b>-0.06 %</b>
<b>Net Energy</b>	<b>339,490</b>	<b>100.00 %</b>

#### Fuel Cost

Total Cost:	51,780,030.30 RM
Cost per Unit	15.83 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	395
Hydro	273
Syncon	494
Thermal	51
<b>Total</b>	<b>1,213</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

KLPP	3
MPSS	63
PDPS	36
PGLA	92
PKLG	19
PLPS	98
PTEK	37
SGB3	90
SGR1	171
YPKA	134
PKLG	57
<b>Total IPP</b>	<b>800</b>
<b>Total Gas</b>	<b>1,360</b>
<b>Total Gas Required</b>	<b>1,360</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	13767	12975	12459	12095	11808	11670	11798	11995	12645	14446	15268	15686	15679	15328	15897	16068	16089	15698	14655	14504	15287	15042	14470	13979





Daily MW Generation on Tuesday

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
LPIA	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PGAU	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
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	-1	-1	-1	-1	-1	-1	-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	32	32	36	33	34	34	34	28	29	28	32	32	33	38	33	32	32	84	82	83	85	82	81	80
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83	78	80	72	71	71
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	5	5	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
UPIA	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		260	178	219	181	206	195	184	171	171	168	178	179	192	256	187	187	206	471	713	708	756	772	990	1212
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	17	19	18	18	19	18	19	19	20	19	19	19	17	16	17	15	15	15	15	14	14	13	13	13
PCUF	CUFK	27	27	26	28	27	26	25	25	26	22	21	21	21	21	20	19	20	19	19	18	17	21	18	18
Total Co-Gen		44	46	44	46	46	44	44	46	41	41	40	42	41	41	39	39	38	37	38	35	34	34	33	32
Total Gen		13726	13297	12908	12720	12469	12324	12091	12002	11832	11714	11694	11697	11838	12080	11968	12003	12688	13752	14453	14941	15237	15527	15711	15948
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	30	30	30	31	31	0	30	31	31	30	30	30	30	30	30	30	30	30	31	29	30	30
TIE-PLTG		-71	-21	-98	-18	-21	-51	-35	-86	24	-66	-7	-30	10	-78	-56	-34	13	-18	-24	-14	-61	-52	-4	
Interconnection		-41	10	-67	12	10	-21	-4	-55	24	-36	24	1	40	-48	-27	-4	43	12	7	17	-31	-21	25	
System Total		13767	13287	12975	12708	12459	12345	12095	12057	11808	11750	11670	11696	11798	12128	11995	12007	12645	13740	14446	14924	15268	15548	15686	15957
SRev ST-Coal		56	75	108	156	82	76	86	54	129	91	92	95	99	25	85	91	73	99	33	-1	18	-16	5	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	93	228	237	306	295	298	396	347	
SRev CCGT-Gas		260	469	589	445	711	813	1024	1132	1163	1238	1266	1206	1092	1022	1000	954	925	530	252	405	373	125	283	
SRev ST-Gas		3	27	40	38	38	38	38	37	37	38	38	38	38	39	31	17	13	9	7	3	3	3	3	3
SRev Co-Gen		44	42	44	42	42	44	44	44	42	47	47	48	46	47	47	49	49	50	51	50	53	54	53	
Syncon		827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827
Hydro		151	131	90	128	254	114	125	138	138	141	131	130	129	216	122	122	204	140	332	264	367	200	168	
S.Reserve Total		1341	1571	1698	1636	1803	1912	2144	2233	2336	2381	2401	2344	2231	2024	2119	2081	2016	1475	1309	1449	1522	1232	1357	1125