

#### Availability at Daily Maximum Demand Hour

ST-Coal	1,700 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,647 MW
Hydro	2,135 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,482 MW</b>
<b>Total IPP</b>	<b>9,867 MW</b>
<b>Total Co-Gen</b>	<b>51 MW</b>
<b>Total System</b>	<b>17,400 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	16,857 MW
TNB Generation	6,617 MW
IPP Generation	9,347 MW
Spinning Reserve	851 MW
Maximum Demand	15,979 MW
Net Energy	330,723 MWH
Load Factor	86.24 %

#### Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	54
PAKA	151
PGGS	12
PGPS	11
PGPS	16
SRDG	25
TJGS	222
<b>Total TNB</b>	<b>551</b>

#### Alternate Fuel Usage

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

#### Generation Mix

Type	MWh	Percentage
ST-Coal	36,265	10.97 %
Gas	70,860	21.43 %
Hydro	17,082	5.17 %
<b>Total TNB</b>	<b>124,207</b>	<b>37.56 %</b>
ST-Coal	102,704	31.05 %
ST-Gas	10,527	3.18 %
Gas	92,342	27.92 %
<b>Total IPP</b>	<b>205,573</b>	<b>62.16 %</b>
Co-Gen	1,087	0.33 %
<b>Total Co-Gen</b>	<b>1,087</b>	<b>0.33 %</b>
<b>Total Generation</b>	<b>330,867</b>	<b>100.04 %</b>
PLTG	-586	-0.18 %
HVDC	730	0.22 %
<b>Interconnection</b>	<b>144</b>	<b>0.04 %</b>
<b>Net Energy</b>	<b>330,723</b>	<b>100.00 %</b>

#### Fuel Cost

Total Cost:	48,629,723.35 RM
Cost per Unit	15.54 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	382
Hydro	359
Syncon	380
Thermal	126
<b>Total</b>	<b>1,247</b>

KLPP	113
PDPS	44
PGLA	115
PKLG	13
PLPS	102
PTEK	51
SGB3	95
SGRI	159
SKSP	51
PKLG	105
<b>Total IPP</b>	<b>847</b>
<b>Total Gas</b>	<b>1,398</b>
<b>Total Gas Required</b>	<b>1,398</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

#### 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	12926	12257	11809	11542	11298	11102	11239	11463	12135	13878	14757	15474	15405	15139	15610	15950	15979	15586	14449	14363	15011	14789	14308	13766





**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	
KNYR	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	
KNYR	HY04	99	99	62	87	70	76	74	65	64	60	56	58	71	74	79	71	93	99	59	55	52	97	97	97	97
LPIA	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	
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
MNOR	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	
PGAU	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	
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	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	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	
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	
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	33	33	33	33	33	29	32	31	31	31	28	30	32	33	33	32	33	35	30	44	39	49	48	47	
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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Total Hydro		244	245	229	209	191	193	195	185	184	203	172	178	193	197	203	192	216	225	487	738	832	1001	1211	1262	
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	
FCUF	CUFG	18	18	18	18	17	17	18	18	17	17	18	18	18	17	17	18	18	19	18	18	19	18	18	18	
FCUF	CUFK	28	29	29	28	28	28	29	30	29	29	29	28	28	27	27	25	25	25	25	23	24	25	23	24	
Total Co-Gen		46	47	47	46	45	45	47	48	46	46	47	48	46	45	44	42	43	39	43	43	41	44	44	42	
Total Gen		12915	12532	12248	12049	11853	11741	11471	11328	11297	11211	11164	11099	11251	11336	11509	11569	12190	13100	13885	14363	14804	15151	15442		
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	31	31	30	30	30	30	30	31	31	31	31	31	30	30	30	31	31	30	30	30	31	31	
TIE-PLTG		-43	-59	-39	-76	13	-19	-101	-70	-31	7	31	6	-19	-4	17	-2	24	-36	-24	-36	17	-37	-62		
Interconnection		-13	-29	-9	-45	44	11	-71	-41	-1	37	62	37	12	27	46	27	55	-5	7	-5	47	-7	-32		
System Total		12926	12561	12257	12094	11899	11730	11542	11369	11298	11174	11102	11062	11239	11309	11463	11542	12135	13105	13878	14368	14757	15158	15474		
SRev ST-Coal		109	97	104	108	101	115	98	113	106	114	111	156	211	163	57	130	103	129	97	94	105	103	101		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113	251	179	89	113		
SRev CCGT-Gas		204	318	292	337	428	520	812	931	967	1063	1082	1057	858	827	766	901	757	359	229	231	149	205			
SRev ST-Gas		0	0	2	77	71	71	73	73	73	72	72	74	74	76	22	22	0	4	-3	0	0	0	0		
SRev Co-Gen		5	4	4	5	6	6	4	3	5	5	4	4	3	5	4	3	5	5	6	7	9	8	9		
Syncon		1079	1079	928	1079	1079	1079	1079	1079	928	1079	953	953	953	953	953	953	953	701	529	579	453	302			
Hydro		102	101	268	98	116	114	112	122	123	255	135	130	115	111	105	116	92	83	323	431	437	294			
S.Reserve Total		1499	1599	1598	1704	1801	1905	2178	2321	2353	2438	2483	2372	2214	2133	1961	2125	1932	1529	1473	1540	1458	1152			