

#### Availability at Daily Maximum Demand Hour

ST-Coal	2,230 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,538 MW
Hydro	2,020 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,788 MW</b>
<b>Total IPP</b>	<b>9,566 MW</b>
<b>Total Co-Gen</b>	<b>3 MW</b>
<b>Total System</b>	<b>17,357 MW</b>

#### Generation Mix

Type	MWh	Percentage
ST-Coal	48,366	16.64 %
Gas	72,264	24.86 %
Hydro	7,492	2.58 %
<b>Total TNB</b>	<b>128,122</b>	<b>44.08 %</b>
ST-Coal	91,364	31.43 %
ST-Gas	4,329	1.49 %
Gas	65,303	22.47 %
<b>Total IPP</b>	<b>160,996</b>	<b>55.38 %</b>
Co-Gen	852	0.29 %
<b>Total Co-Gen</b>	<b>852</b>	<b>0.29 %</b>
<b>Total Generation</b>	<b>289,970</b>	<b>99.75 %</b>
PLTG	15	0.01 %
EGAT	-33	-0.01 %
HVDC	-698	-0.24 %
<b>Interconnection</b>	<b>-716</b>	<b>-0.25 %</b>
<b>Net Energy</b>	<b>290,686</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:	20:00:00 Hour
Total Set On Bus	14,845 MW
TNB Generation	5,848 MW
IPP Generation	7,970 MW
Spinning Reserve	990 MW
Maximum Demand	13,847 MW
Net Energy	290,686 MWH
Load Factor	87.47 %

#### Fuel Cost

Total Cost:	39,068,923.05 RM
Cost per Unit	13.83 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	592
Hydro	177
Syncon	795
Thermal	106
<b>Total</b>	<b>1,670</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

#### Gas Usage

Station	(mmscfd)
CBPS	80
GLGR	54
NPRI	52
PAKA	158
PGPS	48
SRDG	5
TJGS	159
<b>Total TNB</b>	<b>557</b>
KLPP	91
PDPS	2
PGLA	109
PLPS	90
SGB3	26
SGRI	141
SKSP	52
PKLG	44
<b>Total IPP</b>	<b>554</b>
<b>Total Gas</b>	<b>1,112</b>
<b>Total Gas Required</b>	<b>1,112</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	12197	11685	11064	10932	10607	10318	10428	10439	10239	11358	12293	12814	12739	12549	12838	12888	12949	12721	12553	12760	13847	13706	13303	13000



Daily MW Generation on Saturday

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																															
PLPS	ST18	138	139	143	154	132	133	132	130	121	97	91	94	94	95	96	88	96	96	130	131	132	214	193	199	197	198	201	203	197	197	200	201	201	204	198	196	200	208	198	213	210	209	210	211	211	209	212	202							
SGB3	GT32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
SGB3	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SGB3	ST34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SGRI	GT11	139	107	108	108	108	108	63	63	63	63	63	63	63	64	63	62	107	110	130	112	106	106	118	114	116	64	106	112	117	114	125	114	115	114	115	114	115	114	118	115	138	138	137	140	137	138	126	139	130						
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SGRI	GT13	136	107	106	106	107	107	61	61	62	62	62	62	62	62	60	62	105	109	127	112	112	108	118	112	116	112	112	112	113	114	122	113	118	112	112	112	116	113	134	134	134	135	137	134	126	136	129								
SGRI	ST14	151	135	135	135	133	133	99	97	97	97	98	98	97	96	97	99	105	134	144	185	208	207	193	207	197	202	165	177	198	198	202	207	203	208	198	198	197	201	202	224	214	220	215	215	220	210	218	203							
SGRI	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SGRI	GT23	145	111	112	112	111	111	111	111	111	111	111	111	111	111	111	100	114	114	139	142	143	113	107	63	63	63	63	76	112	115	63	63	63	63	63	63	63	64	118	112	146	145	137	132	125	121	121	125	132						
SGRI	ST24	75	60	64	64	64	64	64	64	64	64	64	64	64	64	60	70	71	68	127	148	148	134	132	95	95	94	94	110	136	135	94	93	92	110	110	110	110	137	135	150	146	150	139	146	157	140	145	142							
SKSP	BLK1	316	327	343	277	212	212	218	212	214	212	211	213	213	232	216	214	261	316	338	302	340	241	213	246	213	230	255	256	212	234	212	232	347	341	342	308	317	343	346	347	341	322	345	345	348	339	347	341							
TJGS	GT1A	197	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
TJGS	GT1B	184	182	213	184	197	164	170	174	169	166	172	167	166	177	174	164	119	190	213	217	217	217	217	217	217	217	198	195	212	215	215	212	212	212	212	212	212	212	215	215	215	215	215	215	218	218	218	218	218	218	221				
TJGS	ST1C	226	124	108	100	103	92	101	93	94	96	92	93	93	103	95	91	76	101	111	116	119	119	116	116	116	107	107	113	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116			
TJGS	GT2A	223	223	223	223	184	188	212	188	187	136	136	136	136	139	136	135	138	222	222	220	220	217	217	217	217	184	215	213	191	212	212	212	212	212	214	214	214	214	214	216	216	216	218	218	218	218	218	221	221	221	221				
TJGS	GT2B	220	220	222	222	180	185	207	184	185	132	133	133	133	135	133	133	220	221	221	221	218	221	221	219	179	215	215	186	215	215	215	214	214	214	214	214	216	216	218	218	218	218	218	218	221	221	221	221	221	221	221	221			
TJGS	ST2C	262	262	262	262	249	240	254	239	239	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	238	262	262	243	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261			
Total CCGT-Gas		5806	5432	5323	5083	4772	4671	4614	4514	4370	4176	4132	4143	4151	4198	4190	4114	4213	4634	5114	5612	5988	6332	6412	6536	6514	6280	6245	6431	6486	6618	6551	6640	6550	6591	6395	6284	6083	5997	6144	6778	6759	6726	6761	6736	6676	6506	6384	6274							
PDP5	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BSIA	HY02	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
CEND	HY01	9	10	9	10	10	9	10	10	10	10	9	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
CEND	HY04	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
HTRG	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
KNRG	HY01	36	36	36	37	38	38	22	22	22	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
KNRG	HY02	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNRG	HY03	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	HY01	-1	-1	-1	-1	-1																																																		

