

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,050 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,054 MW
Hydro	1,650 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,754 MW</b>
<b>Total IPP</b>	<b>10,034 MW</b>
<b>Total Co-Gen</b>	<b>82 MW</b>
<b>System Total</b>	<b>17,870 MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 14:30

TNB Generation	6,253 MW
IPP Generation	9,394 MW
Total Set On Bus	16,738 MW
Maximum Demand	15,773 MW
Spinning Reserve	1,009 MW
Net Energy	319,999 MWH
Load Factor	84.5 %
Total Cost	58,763,459 RM
Cost per Unit	31.34 cents/kWH

**Maximum Demand Record**

Date :	13/05/2013	16,562.0MW
Date :	25/06/2013	345,254.0MWH

**Hourly System MW Generation**

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	12084	11541	11129	10745	10632	10605	10921	11004	11709	13636	14497	15340	15188	14944	15347	15514	15487	14950	13951	13701	14619	14472	13952	13416

**Gas Usage**

Station	(mmscfd)
CBPS	41
GLGR	65
PAKA	183
PGGS	6
PGPS	53
SRDG	21
TJGS	215
<b>TNB Total</b>	<b>585</b>
KLPP	102
MPSS	57
PDPS	43
PGLA	105
PKLG	101
PLPS	99
PTEK	45
SGB3	87
SGRI	92
SKSP	54
YPKA	118
<b>IPP Total</b>	<b>904</b>
<b>Total Gas</b>	<b>1,489</b>

Total Gas Required : 1,489  
Gas Calorific Value : 38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,953.00	15.30 %
Gas	75,127.00	23.48 %
Hydro	7,186.00	2.25 %
<b>Total TNB</b>	<b>131,266.0</b>	<b>41.02 %</b>
ST-Coal	76,869.0	24.02 %
ST-Gas	9,849.0	3.08 %
Gas	100,576.0	31.43 %
<b>Total IPP</b>	<b>187,294.0</b>	<b>58.53 %</b>
Co-Gen	2,034.0	0.64 %
<b>Total Co-Gen</b>	<b>2,034.0</b>	<b>0.64 %</b>
<b>Total Generation</b>	<b>320,594.0</b>	<b>100.19 %</b>
PLTG	-40.0	-0.01 %
HVDC	635.0	0.20 %
<b>Interconnection</b>	<b>595.0</b>	<b>0.19 %</b>
<b>Net Energy</b>	<b>319,999.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	370
Hydro	158
Syncon	514
Thermal	104
<b>Total</b>	<b>1147</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32



### Daily MW Generation On Monday

17-Mar-2014

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																										
SGRI	GT23	121	132	132	106	106	55	55	55	55	55	55	55	55	107	134	135	135	133	133	132	132	131	131	131	132	132	131	131	132	132	131	127	132	110	108	108	136	136	136	136	136	136	135	129	136					
SGRI	ST24	171	150	148	149	133	132	106	98	95	96	96	94	96	99	136	206	215	218	218	217	217	216	218	220	217	218	217	216	224	218	213	218	214	213	194	194	196	215	221	219	215	215	216	217	213	204				
YPKA	BLK1	269	269	269	269	271	271	272	272	273	273	272	272	272	308	320	363	363	364	364	366	366	365	365	363	363	363	363	361	361	361	362	362	362	362	365	365	364	364	364	364	364	369	369	370	370					
YPKA	BLK2	279	279	277	277	279	279	279	279	279	279	277	277	276	276	303	331	373	373	378	378	380	380	378	378	376	376	376	376	374	374	375	375	376	376	376	377	377	377	377	378	378	376	376	377	377					
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129	148	137	151	149	149	149	149	146	148	146	145	145	145	145	139	140	139	127	123	126	114	139	135	140	140	135	141	138	139	136	159				
PLPS	GT12	116	138	127	120	60	60	60	60	60	59	59	60	60	60	60	68	148	135	147	147	146	146	146	142	142	141	141	140	140	140	139	135	144	132	128	133	119	141	139	143	141	138	143	142	145	139	141			
PLPS	GT13	106	132	107	107	99	99	100	98	99	100	98	100	100	98	98	99	99	148	147	147	144	144	144	142	143	142	141	140	141	141	132	128	132	119	120	123	112	124	136	135	136	134	135	131	136	130	136			
PLPS	ST18	133	143	140	139	110	110	108	108	108	108	108	108	108	108	109	173	218	218	217	218	216	216	216	216	216	216	216	216	216	215	208	211	208	201	213	214	216	214	213	215	215	215	214	214	214	214				
SKSP	BLK1	285	279	261	212	225	221	274	352	233	311	324	264	339	347	341	269	227	331	246	304	221	315	347	345	340	341	339	343	343	344	341	344	344	340	335	230	213	207	270	341	339	341	335	272	331	266	257			
TJGS	GT1A	228	224	225	225	225	225	211	214	187	158	158	158	195	225	225	225	225	225	225	225	225	225	225	225	225	221	221	221	221	221	226	226	226	226	226	226	194	194	217	224	224	224	224	224	224	224				
TJGS	GT1B	221	221	221	221	221	221	202	205	182	151	151	151	187	220	220	220	220	220	220	220	220	220	220	220	217	217	217	217	217	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220			
TJGS	ST1C	257	257	257	257	257	240	240	230	195	195	195	225	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257				
TJGS	GT2A	217	214	214	214	214	162	164	163	144	144	144	183	213	213	213	213	213	213	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211			
TJGS	GT2B	213	213	213	213	213	212	158	159	159	141	139	139	180	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211			
TJGS	ST2C	262	263	265	263	263	228	228	228	220	219	219	241	262	262	265	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263		
Total CCGT-Gas		6269	6031	5869	5811	5491	5478	5106	5175	4994	4934	4943	4878	5177	5360	5397	5390	5879	7151	7505	7712	7665	7749	7788	7783	7725	7704	7691	7721	7723	7742	7229	7211	7225	7404	7336	7293	7010	6801	6840	7312	7626	7618	7645	7655	7472	7652	7369	7120		
CBPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CBPS	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	
CBPS	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	
CBPS	GT06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	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	
PGGS	GT6A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGGS	GT6B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTEK	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTEK	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	
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
BSIA	HY03	8	10	9	9																																														

