

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,998 MW
Hydro	1,660 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,728 MW</b>
<b>Total IPP</b>	<b>10,452 MW</b>
<b>Total Co-Gen</b>	<b>56 MW</b>
<b>System Total</b>	<b>18,236 MW</b>

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

At Daily Maximum Demand Hour : 21:30	
TNB Generation	4,611 MW
IPP Generation	8,686 MW
Total Set On Bus	14,274 MW
Maximum Demand	13,418 MW
Spinning Reserve	921 MW
Net Energy	286,683 MWH
Load Factor	89.0 %
Total Cost	41,138,920 RM
Cost per Unit	14.70 cents/kWH

**Maximum Demand Record**

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

**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	13043	12459	11808	11499	11142	11071	11077	10633	10273	10939	11618	12137	12128	12075	12206	12236	12153	11892	11669	12071	13177	13326	13116	12559

**Gas Usage**

Station	(mmscfd)
CBPS	27
GLGR	65
PAKA	91
PGPS	25
SRDG	4
TJGS	167
<b>TNB Total</b>	<b>380</b>
KLPP	101
MPSS	32
PGLA	97
PKLG	47
PLPS	103
SGB3	50
SGRI	100
SKSP	53
YPGS	58
YPKA	88
<b>IPP Total</b>	<b>730</b>
<b>Total Gas</b>	<b>1,109</b>
<b>Total Gas Required :</b>	<b>1,117</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	8
<b>Total</b>	<b>8</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	43,435.00	15.15 %
Gas	49,944.00	17.42 %
Hydro	6,188.00	2.16 %
<b>Total TNB</b>	<b>99,567.0</b>	<b>34.73 %</b>
ST-Coal	90,022.0	31.40 %
ST-Gas	5,243.0	1.83 %
Gas	89,658.0	31.27 %
<b>Total IPP</b>	<b>184,923.0</b>	<b>64.50 %</b>
Co-Gen	1,282.0	0.45 %
<b>Total Co-Gen</b>	<b>1,282.0</b>	<b>0.45 %</b>
<b>Total Generation</b>	<b>285,772.0</b>	<b>99.68 %</b>
PLTG	-217.0	-0.08 %
HVDC	-694.0	-0.24 %
<b>Interconnection</b>	<b>-911.0</b>	<b>-0.32 %</b>
<b>Net Energy</b>	<b>286,683.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	314
Hydro	169
Syncon	621
Thermal	75
<b>Total</b>	<b>1178</b>

**Weather Temperature**

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32





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																										
<b>System Total</b>	13043	12694	12459	12082	11808	11724	11499	11266	11142	11151	11071	10918	11077	11101	10633	10382	10273	10608	10939	11202	11618	11986	12137	12255	12128	12179	12075	12194	12206	12336	12236	12273	12153	12150	11892	11606	11669	11719	12071	12927	13177	13340	13326	13418	13116	12954	12559	12311		
SRev ST-Coal	56	60	55	71	67	59	71	72	69	60	68	66	67	75	83	53	56	66	68	43	46	67	52	53	68	70	68	75	66	70	55	102	115	115	121	116	42	70	75	61	62	63	68	67	66	83	68	73		
SRev ST-Gas	0	0	0	0	0	0	0	0	0	37	37	37	37	38	38	37	38	37	38	37	37	37	40	43	10	5	0	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2
SRev ST-Oil	58	38	37	37	37	37	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
SRev CCGT-Gas	563	308	167	378	282	186	362	608	465	359	375	496	445	446	663	1039	1218	838	512	655	371	402	360	241	339	504	523	370	417	313	312	208	199	225	537	803	938	1227	1191	640	422	232	210	88	313	401	563	472		
SRev OCGT-Gas	3	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon	645	645	645	645	494	494	494	645	645	645	645	645	494	494	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	
Hydro	132	131	146	47	111	224	231	101	117	108	104	151	97	233	304	169	135	124	133	188	177	187	321	162	161	143	150	163	152	151	158	276	151	151	152	307	148	149	263	183	143	144	144	138	142	313	200	315		
<b>S.Reserve Total</b>	1457	1305	1050	1178	991	1000	1195	1463	1333	1209	1229	1395	1291	1285	1582	1944	2091	1711	1395	1482	1190	1255	1184	1111	1218	1362	1388	1254	1281	1180	1171	1081	1112	1138	1457	1722	1775	2093	2024	1533	1275	1087	1071	921	1168	1293	1478	1356		