

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	4,380 MW
Hydro	1,529 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,359 MW</b>
<b>Total IPP</b>	<b>9,182 MW</b>
<b>Total Co-Gen</b>	<b>86 MW</b>
<b>System Total</b>	<b>17,197 MW</b>

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

At Daily Maximum Demand Hour : 21:30	
TNB Generation	4,964 MW
IPP Generation	8,225 MW
Total Set On Bus	14,139 MW
Maximum Demand	13,363 MW
Spinning Reserve	864 MW
Net Energy	281,853 MWH
Load Factor	87.9 %
Total Cost	43,478,225 RM
Cost per Unit	15.69 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	12705	12309	11712	11484	11050	10786	10710	10495	9973	10460	10958	11525	11651	11687	12014	12102	12136	11860	11465	11696	13194	13302	13198	12970

**Gas Usage**

Station	(mmscfd)
CBPS	38
GLGR	32
PAKA	143
PGPS	34
SRDG	11
TJGS	219
<b>TNB Total</b>	<b>476</b>
KLPP	94
MPSS	49
PGLA	116
PLPS	79
SGB3	47
SGRI	201
SKSP	54
YPGS	32
YPKA	66
<b>IPP Total</b>	<b>738</b>
<b>Total Gas</b>	<b>1,215</b>

Total Gas Required : 1,215  
Gas Calorific Value : 38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	32,640.00	11.58 %
Gas	62,857.00	22.31 %
Hydro	5,412.00	1.92 %
<b>Total TNB</b>	<b>100,909.0</b>	<b>35.81 %</b>
ST-Coal	82,807.0	29.38 %
Gas	96,825.0	34.36 %
<b>Total IPP</b>	<b>179,632.0</b>	<b>63.74 %</b>
Co-Gen	2,022.0	0.72 %
<b>Total Co-Gen</b>	<b>2,022.0</b>	<b>0.72 %</b>
<b>Total Generation</b>	<b>282,563.0</b>	<b>100.27 %</b>
PLTG	32.0	0.01 %
HVDC	726.0	0.26 %
<b>Interconnection</b>	<b>758.0</b>	<b>0.27 %</b>
<b>Net Energy</b>	<b>281,805.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	210
Hydro	125
Syncon	420
Thermal	58
<b>Total</b>	<b>813</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 35





### Daily MW Generation On Sunday

23-Feb-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																										
TIE-PLTG	32	35	21	8	46	-13	-29	-8	-5	-5	11	24	24	29	88	24	-29	10	-1	74	58	-32	55	-40	7	25	-31	-35	17	-68	-20	-44	-21	-26	59	64	31	59	-45	0	-18	-64	-45	-119	52	-50	-8	-33		
Interconnection	63	65	51	38	76	18	2	22	25	25	41	55	55	60	119	54	1	40	29	104	88	-2	85	-10	37	56	0	-5	47	-38	10	-13	10	4	89	94	61	89	-15	29	11	-34	-15	-88	83	-19	23	-3		
<b>System Total</b>	<b>12705</b>	<b>12547</b>	<b>12309</b>	<b>12110</b>	<b>11712</b>	<b>11563</b>	<b>11484</b>	<b>11136</b>	<b>11050</b>	<b>10918</b>	<b>10786</b>	<b>10858</b>	<b>10710</b>	<b>10752</b>	<b>10495</b>	<b>10110</b>	<b>9973</b>	<b>10176</b>	<b>10460</b>	<b>10687</b>	<b>10958</b>	<b>11450</b>	<b>11525</b>	<b>11763</b>	<b>11651</b>	<b>11763</b>	<b>11687</b>	<b>11878</b>	<b>12014</b>	<b>12152</b>	<b>12102</b>	<b>12153</b>	<b>12136</b>	<b>12111</b>	<b>11860</b>	<b>11563</b>	<b>11465</b>	<b>11479</b>	<b>11696</b>	<b>12576</b>	<b>13194</b>	<b>13323</b>	<b>13302</b>	<b>13363</b>	<b>13198</b>	<b>13140</b>	<b>12970</b>	<b>12631</b>		
SRev ST-Coal	66	67	74	64	81	77	74	76	68	70	70	72	70	71	78	337	337	339	253	58	69	71	75	71	73	70	68	67	70	55	65	66	73	69	66	73	143	135	78	81	80	91	105	63	70	72	69	65		
SRev ST-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	
SRev CCGT-Gas	175	271	423	347	244	337	134	312	299	403	602	666	801	789	960	1144	1333	1121	905	788	533	357	170	154	265	302	584	425	301	283	273	255	247	259	409	894	1026	1041	1190	380	149	192	114	90	104	137	175	274		
SRev 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	
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	
Syncon	575	575	726	726	726	575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	575	726	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	424	575	575	575	323	323	424	424	424	575	575
Hydro	256	174	107	106	83	142	87	131	102	114	130	121	135	254	125	126	127	95	123	140	116	191	125	151	243	114	106	79	135	99	98	82	78	99	126	120	239	137	107	162	203	273	237	237	206	242	123	186		
<b>S.Reserve Total</b>	<b>1072</b>	<b>1087</b>	<b>1330</b>	<b>1243</b>	<b>1134</b>	<b>1131</b>	<b>1021</b>	<b>1245</b>	<b>1195</b>	<b>1313</b>	<b>1528</b>	<b>1585</b>	<b>1732</b>	<b>1689</b>	<b>1889</b>	<b>2333</b>	<b>2523</b>	<b>2281</b>	<b>2007</b>	<b>1712</b>	<b>1444</b>	<b>1194</b>	<b>1096</b>	<b>951</b>	<b>1156</b>	<b>1061</b>	<b>1333</b>	<b>1146</b>	<b>1081</b>	<b>1012</b>	<b>1011</b>	<b>978</b>	<b>973</b>	<b>1002</b>	<b>1176</b>	<b>1662</b>	<b>1832</b>	<b>1888</b>	<b>1957</b>	<b>1205</b>	<b>886</b>	<b>931</b>	<b>931</b>	<b>864</b>	<b>856</b>	<b>961</b>	<b>968</b>	<b>1107</b>		