

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,380	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	4,146	MW
Hydro	1,812	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,408</b>	<b>MW</b>
<b>Total IPP</b>	<b>8,557</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>80</b>	<b>MW</b>
<b>System Total</b>	<b>16,615</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:30	
TNB Generation	5,012 MW
IPP Generation	6,692 MW
Total Set On Bus	12,785 MW
Maximum Demand	11,751 MW
Spinning Reserve	1,001 MW
Net Energy	238,218 MWH
Load Factor	84.5 %
Total Cost	34,437,017 RM
Cost per Unit	14.99 cents/kWH

**Maximum Demand Record**

Date :	13/05/2013	16,562.0 MW
Date :	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	10563	10110	9869	9379	9259	9198	9020	8853	8393	8829	9244	9642	9737	9698	9909	9849	10076	9973	10027	10394	11630	11656	11445	11258

**Gas Usage**

Station	(mmscfd)
CBPS	9
GLGR	65
PGPS	56
SRDG	17
TJGS	219
<b>TNB Total</b>	<b>366</b>
KLPP	122
MPSS	48
PGLA	116
PLPS	112
SGB3	100
SGRI	117
SKSP	55
YPGS	32
YPKA	63
<b>IPP Total</b>	<b>766</b>
<b>Total Gas</b>	<b>1,132</b>
Total Gas Required :	1,132
Gas Calorific Value :	38,500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	30,848.00	12.95 %
Gas	48,755.00	20.47 %
Hydro	9,087.00	3.82 %
<b>Total TNB</b>	<b>88,690.0</b>	<b>37.24 %</b>
ST-Coal	46,568.0	19.55 %
ST-Oil	1,218.0	0.51 %
Gas	100,361.0	42.14 %
<b>Total IPP</b>	<b>148,147.0</b>	<b>62.20 %</b>
Co-Gen	1,962.0	0.82 %
<b>Total Co-Gen</b>	<b>1,962.0</b>	<b>0.82 %</b>
<b>Total Generation</b>	<b>238,799.0</b>	<b>100.26 %</b>
PLTG	-92.0	-0.04 %
HVDC	721.0	0.30 %
Interconnection	629.0	0.26 %
<b>Net Energy</b>	<b>238,170.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	163
Hydro	125
Syncon	500
Thermal	162
<b>Total</b>	<b>949</b>

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	34





### Daily MW Generation On Sunday

02-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	50	5	37	-22	-3	-29	-11	-30	19	-9	9	-30	-47	-20	-34	45	-23	22	5	50	2	-42	26	-48	-3	50	-14	-18	-93	40	8	67	-25	-11	-56	-56	-34	40	15	-33	-51	3	2	54	8	-18	-11	29			
Interconnection	81	36	67	8	27	1	21	-1	49	21	39	0	-17	10	-4	75	7	52	34	79	32	-12	56	-18	27	80	17	15	-63	70	39	98	5	19	-26	-26	-4	70	46	-2	-21	33	31	83	38	12	18	58			
<b>System Total</b>	<b>10563</b>	<b>10510</b>	<b>10110</b>	<b>10064</b>	<b>9869</b>	<b>9466</b>	<b>9379</b>	<b>9416</b>	<b>9259</b>	<b>9254</b>	<b>9198</b>	<b>9077</b>	<b>9020</b>	<b>9103</b>	<b>8853</b>	<b>8511</b>	<b>8393</b>	<b>8630</b>	<b>8529</b>	<b>8900</b>	<b>9244</b>	<b>9493</b>	<b>9642</b>	<b>9738</b>	<b>9737</b>	<b>9659</b>	<b>9698</b>	<b>9774</b>	<b>9909</b>	<b>9889</b>	<b>9849</b>	<b>10010</b>	<b>10076</b>	<b>10028</b>	<b>9973</b>	<b>9925</b>	<b>10027</b>	<b>9929</b>	<b>10394</b>	<b>11276</b>	<b>11630</b>	<b>11751</b>	<b>11656</b>	<b>11588</b>	<b>11445</b>	<b>11382</b>	<b>11258</b>	<b>10995</b>			
SRev ST-Coal	72	69	76	69	72	63	67	134	254	278	275	295	297	302	343	343	345	310	303	303	297	291	254	245	252	259	248	263	252	180	175	180	174	176	188	175	176	134	160	136	125	132	140	152	161	38	29	26			
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	0	
SRev ST-Oil	0	0	0	0	0	0	0	0	0	10	10	10	10	28	29	3	5	5	6	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	5	4	3	4	4	-7	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas	444	453	604	428	306	476	310	184	318	176	176	322	471	379	574	782	881	586	567	633	454	265	129	45	149	162	206	162	204	181	256	175	236	268	236	305	399	574	424	178	167	262	259	228	387	218	302	141			
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	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	0
Syncon	474	625	625	625	731	731	731	731	580	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731		
Hydro	245	95	92	85	81	135	123	111	131	76	119	124	116	114	118	128	123	121	111	251	118	254	86	112	116	117	115	116	112	241	120	113	112	111	114	120	204	288	244	218	337	130	265	237	171	93	94	88			
<b>S.Reserve Total</b>	<b>1235</b>	<b>1240</b>	<b>1397</b>	<b>1207</b>	<b>1190</b>	<b>1405</b>	<b>1231</b>	<b>1160</b>	<b>1283</b>	<b>1261</b>	<b>1311</b>	<b>1482</b>	<b>1625</b>	<b>1536</b>	<b>1794</b>	<b>2013</b>	<b>2083</b>	<b>1753</b>	<b>1717</b>	<b>1793</b>	<b>1603</b>	<b>1393</b>	<b>1097</b>	<b>1136</b>	<b>1251</b>	<b>1272</b>	<b>1303</b>	<b>1276</b>	<b>1303</b>	<b>1186</b>	<b>1286</b>	<b>1143</b>	<b>1258</b>	<b>1293</b>	<b>1274</b>	<b>1335</b>	<b>1513</b>	<b>1731</b>	<b>1446</b>	<b>1137</b>	<b>1046</b>	<b>1001</b>	<b>1139</b>	<b>1094</b>	<b>1193</b>	<b>1092</b>	<b>1088</b>	<b>986</b>			