

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,432 MW
Hydro	1,554 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,056 MW</b>
<b>Total IPP</b>	<b>11,319 MW</b>
<b>Total Co-Gen</b>	<b>54 MW</b>
<b>System Total</b>	<b>18,429 MW</b>

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

At Daily Maximum Demand Hour : 00:00

TNB Generation	4,863 MW
IPP Generation	8,471 MW
Total Set On Bus	14,765 MW
Maximum Demand	13,420 MW
Spinning Reserve	1,377 MW
Net Energy	289,459 MWH
Load Factor	89.9 %
Total Cost	37,650,157 RM
Cost per Unit	13.30 cents/kWH

**Maximum Demand Record**

<b>Date :</b>	11/06/2014	16,901.0 MW
<b>Date :</b>	24/06/2014	355,911.0 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	13420	12960	12471	12030	11880	11718	11418	10851	10156	10669	11326	11797	11883	11850	12077	12259	12187	11947	12012	12211	13012	13282	13211	13009

**Gas Usage**

Station	(mmscfd)
CBPS	30
GLGR	60
PAKA	192
PGPS	27
TJGS	133
<b>TNB Total</b>	<b>441</b>
KLPP	103
MPSS	31
PGLA	98
PKLG	69
PLPS	36
SGRI	129
YPKA	97
<b>IPP Total</b>	<b>563</b>
<b>Total Gas</b>	<b>1,004</b>
<b>Total Gas Required :</b>	<b>1,015</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	10
PLPS	1
<b>Total</b>	<b>11</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,906.00	16.90 %
Gas	56,606.00	19.56 %
Hydro	6,119.00	2.11 %
<b>Total TNB</b>	<b>111,631.0</b>	<b>38.57 %</b>
ST-Coal	103,849.0	35.88 %
ST-Gas	6,597.0	2.28 %
ST-Oil	975.0	0.34 %
Gas	64,789.0	22.38 %
Distillate	62.0	0.02 %
<b>Total IPP</b>	<b>176,272.0</b>	<b>60.90 %</b>
Co-Gen	1,295.0	0.45 %
<b>Total Co-Gen</b>	<b>1,295.0</b>	<b>0.45 %</b>
<b>Total Generation</b>	<b>289,198.0</b>	<b>99.91 %</b>
PLTG	-103.0	-0.04 %
HVDC	-158.0	-0.05 %
<b>Interconnection</b>	<b>-261.0</b>	<b>-0.09 %</b>
<b>Net Energy</b>	<b>289,459.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	436
Hydro	159
Syncon	669
Thermal	128
<b>Total</b>	<b>1392</b>

	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																											
Total Co-Gen		54	55	53	54	56	52	54	54	56	53	54	53	55	55	53	54	54	53	53	51	54	55	53	54	54	54	53	55	53	55	54	54	56	55	53	53															
Total Gen		13388	13029	12868	12677	12318	12215	12036	11788	11833	11909	11714	11578	11349	11234	10865	10287	10150	10372	10604	10877	11252	11528	11791	11742	11855	11787	11814	11954	12009	12200	12257	12105	12160	12023	11894	11974	11959	12099	12244	12868	13168	13418	13473	13512	13385	13139	12957	12869			
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-30	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	152	151	151	151	151	152	151	151	151	152	151	151	151	151	152	151	151		
TIE-PLTG		-3	-104	-63	-67	-124	5	35	-59	-18	7	25	27	-40	-53	43	-33	23	59	-36	-57	-44	41	23	-65	1	13	-7	4	-39	30	27	-2	2	3	-23	11	-24	50	63	145	5	10	40	13	22	-24	-23	-25			
Interconnection		-32	-133	-92	-96	-153	-24	6	-88	-47	-23	-4	-2	-69	-82	14	-62	-6	30	-65	-86	-74	11	-6	-94	-28	-16	-36	-25	-68	1	-2	-31	-27	-26	-53	-19	-53	21	33	297	156	161	191	164	174	-54	-52	-54			
System Total		13420	13162	12960	12773	12471	12239	12030	11876	11880	11932	11718	11580	11418	11316	10851	10349	10156	10342	10669	10963	11326	11517	11797	11836	11883	11803	11850	11979	12077	12199	12259	12136	12187	12049	11947	11993	12012	12078	12211	12571	13012	13257	13282	13348	13211	13193	13009	12923			
SRev ST-Coal		89	63	76	62	56	140	133	26	53	60	36	83	66	44	282	732	729	727	647	298	55	69	51	65	33	49	24	51	53	37	47	101	114	91	102	107	91	90	44	140	43	45	56	54	52	60	45	44			
SRev ST-Gas		0	0	0	0	33	33	34	34	71	71	72	72	72	72	72	71	71	71	71	71	71	71	70	70	71	71	72	72	70	70	70	72	70	70	71	71	70	72	71	78	79	79	78	78	79	79	79	79	79	79	
SRev ST-Oil		-1	67	65	64	31	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		390	514	389	526	282	221	164	480	475	579	788	904	1139	1279	1334	1153	1344	1198	1144	1297	1133	815	599	591	488	558	550	409	338	224	211	329	179	289	329	441	637	591	785	761	681	482	430	366	484	573	604	444			
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	
SRev Distillate		27	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		726	575	726	726	726	575	726	726	726	625	625	625	625	625	625	625	625	474	625	625	726	575	726	726	726	726	726	575	726	726	726	726	726	726	726	575	575	575	575	575	575	424	575	575	726	726	726	575			
Hydro		131	260	78	78	89	137	125	113	142	153	164	167	184	178	156	108	149	229	111	96	97	273	195	138	160	141	145	268	136	176	220	100	96	144	127	150	146	159	140	163	139	266	101	130	140	88	121	221			
S.Reserve Total		1377	1581	1334	1456	1217	1144	1220	1417	1467	1488	1685	1851	2086	2198	2469	2790	2918	2699	2598	2387	2082	1803	1641	1590	1478	1545	1517	1375	1323	1233	1274	1328	1185	1320	1355	1495	1519	1487	1615	1717	1517	1296	1240	1203	1481	1526	1575	1363			