

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,389 MW
Hydro	1,704 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,163 MW</b>
<b>Total IPP</b>	<b>11,041 MW</b>
<b>Total Co-Gen</b>	<b>55 MW</b>
<b>System Total</b>	<b>19,259 MW</b>

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

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,447 MW
IPP Generation	9,625 MW
Total Set On Bus	17,099 MW
Maximum Demand	16,123 MW
Spinning Reserve	972 MW
Net Energy	336,988 MWH
Load Factor	87.1 %
Total Cost	57,588,098 RM
Cost per Unit	17.54 cents/kWH

**Maximum Demand Record**

Date :	11/06/2014	16,901.0MW
Date :	24/06/2014	355,911.0MWH

**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	13492	12849	12506	11995	11816	11867	11842	11764	12296	14007	14894	15430	15403	15182	15770	16096	16123	15459	14550	14301	14773	14990	14611	14364

**Gas Usage**

Station	(mmscfd)
CBPS	49
GLGR	60
PAKA	194
PGPS	53
SRDG	11
TJGS	217
<b>TNB Total</b>	<b>585</b>
KLPP	109
MPSS	31
PDPS	4
PGLA	106
PKLG	58
PLPS	79
PTEK	4
SGRI	173
SKSP	52
YPGS	42
YPKA	130
<b>IPP Total</b>	<b>788</b>
<b>Total Gas</b>	<b>1,372</b>
<b>Total Gas Required :</b>	<b>1,426</b>
<b>Gas Calorific Value :</b>	<b>38,500</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PKLG	53
<b>Total</b>	<b>53</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,574.00	14.41 %
Gas	76,095.00	22.58 %
Hydro	10,044.00	2.98 %
<b>Total TNB</b>	<b>134,713.0</b>	<b>39.98 %</b>
ST-Coal	95,754.0	28.41 %
ST-Gas	5,438.0	1.61 %
ST-Oil	5,190.0	1.54 %
Gas	96,037.0	28.50 %
<b>Total IPP</b>	<b>202,419.0</b>	<b>60.07 %</b>
Co-Gen	1,288.0	0.38 %
<b>Total Co-Gen</b>	<b>1,288.0</b>	<b>0.38 %</b>
<b>Total Generation</b>	<b>338,420.0</b>	<b>100.42 %</b>
PLTG	345.0	0.10 %
HVDC	1,087.0	0.32 %
<b>Interconnection</b>	<b>1,432.0</b>	<b>0.42 %</b>
<b>Net Energy</b>	<b>336,988.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	331
Hydro	209
Syncon	532
Thermal	60
<b>Total</b>	<b>1132</b>

**Weather**
**Temperature**

Morning	Sunny	23
Afternoon	Hot	33





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
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	29	33	36	37	33	33	33	31	33	35	34	33	34	36	27	37	51	35	35	35	36	33	35	38
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		166	183	182	222	216	215	223	211	211	215	214	394	395	403	359	351	501	432	442	406	429	513	575	843
PCUF	CUFK	15	15	15	15	13	16	15	15	13	15	15	14	15	15	15	15	16	16	16	16	15	14	15	15
PCUF	CUFK	39	40	40	39	39	40	41	40	38	39	39	40	41	40	40	39	41	40	40	39	41	40	39	41
Total Co-Gen		54	55	55	54	54	53	57	55	53	52	54	55	55	55	55	55	56	54	57	55	55	55	48	46
Total Gen		13541	13223	12941	12810	12558	12399	12034	11976	11891	12125	11929	11875	11930	12037	11850	11854	12283	13330	14059	14524	14861	15130	15418	15673
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
TIE-HVDC		30	30	30	30	31	31	30	30	31	31	29	29	31	31	30	30	29	29	29	29	32	29	29	32
TIE-PLTG		19	69	62	11	21	74	9	-16	44	47	33	28	57	-33	55	84	-43	-10	23	-6	-62	-38	-41	-35
Interconnection		49	99	92	41	52	105	39	14	75	78	62	57	88	-2	86	115	-13	20	52	23	-33	-9	-12	-3
System Total		13492	13124	12849	12769	12506	12294	11995	11962	11816	12047	11867	11818	11842	12039	11764	11739	12296	13310	14007	14501	14894	15139	15430	15676
SRev ST-Coal		69	51	45	40	48	89	96	81	92	122	119	51	47	58	43	29	52	58	54	49	66	64	59	58
SRev ST-Gas		1	1	1	22	33	33	33	33	37	37	37	37	37	37	37	37	42	12	8	3	-2	-1	1	1
SRev ST-Oil		-1	-1	30	37	34	34	33	33	33	33	33	33	33	-2	-2	-3	-3	-3	-1	0	0	-1	-1	0
SRev CCGT-Gas		463	405	584	561	685	810	1165	1310	1365	1063	1270	1507	1468	1474	1636	1637	1448	1167	943	793	520	340	129	123
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
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
Syncon		726	726	726	726	726	575	726	726	726	625	625	625	625	625	625	625	625	625	625	625	625	323	323	323
Hydro		132	115	116	76	82	83	226	87	87	83	84	205	204	196	240	248	551	167	157	193	170	286	224	258
S.Reserve Total		1390	1297	1502	1462	1608	1775	2128	2270	2336	2064	2269	2458	2414	2423	2579	2574	2257	2056	1788	1667	1384	1313	1035	912