

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,075 MW
Hydro	1,554 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,699 MW</b>
<b>Total IPP</b>	<b>10,916 MW</b>
<b>Total Co-Gen</b>	<b>55 MW</b>
<b>System Total</b>	<b>18,670 MW</b>

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

At Daily Maximum Demand Hour : 16:00

TNB Generation	6,946 MW
IPP Generation	9,926 MW
Total Set On Bus	17,793 MW
Maximum Demand	16,899 MW
Spinning Reserve	866 MW
Net Energy	348,057 MWH
Load Factor	85.8 %
Total Cost	58,313,362 RM
Cost per Unit	17.37 cents/kWH

**Maximum Demand Record**

Date :	11/06/2014	16,901.0 MW
Date :	19/06/2014	354,829.0 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	13535	12856	12428	12097	11755	11644	11770	11736	12284	14321	15511	16382	16209	15847	16548	16762	16899	16562	15193	14769	15771	15922	15525	15259

**Gas Usage**

Station	(mmscfd)
CBPS	67
GLGR	59
PAKA	171
PGPS	44
SRDG	39
TJGS	217
<b>TNB Total</b>	<b>596</b>
KLPP	99
PDPS	35
PGLA	111
PKLG	129
PLPS	98
PTEK	44
SGRI	190
SKSP	1
YPGS	61
YPKA	61
<b>IPP Total</b>	<b>827</b>
<b>Total Gas</b>	<b>1,424</b>
<b>Total Gas Required :</b>	<b>1,432</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	49,185.00	14.13 %
Gas	76,027.00	21.84 %
Hydro	12,655.00	3.64 %
<b>Total TNB</b>	<b>137,867.0</b>	<b>39.61 %</b>
ST-Coal	107,275.0	30.82 %
ST-Gas	10,395.0	2.99 %
ST-Oil	820.0	0.24 %
Gas	90,579.0	26.02 %
<b>Total IPP</b>	<b>209,069.0</b>	<b>60.07 %</b>
Co-Gen	1,402.0	0.40 %
<b>Total Co-Gen</b>	<b>1,402.0</b>	<b>0.40 %</b>
<b>Total Generation</b>	<b>348,338.0</b>	<b>100.08 %</b>
PLTG	343.0	0.10 %
HVDC	-62.0	-0.02 %
<b>Interconnection</b>	<b>281.0</b>	<b>0.08 %</b>
<b>Net Energy</b>	<b>348,057.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	373
Hydro	219
Syncon	324
Thermal	83
<b>Total</b>	<b>999</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 35





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
LPIA	HY02	21	21	20	20	21	20	20	21	21	20	20	20	20	21	21	21	21	21	21	20	20	20	20	20
MNOR	HY01	6	6	6	6	3	3	3	3	3	3	3	3	3	3	5	5	6	6	3	3	6	6	6	6
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY02	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	55	80	81	81	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	21	-1	-1	23	-1	-1	81	80	81	111	111
PGAU	HY04	-1	-1	29	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	82	82	80	80	80	
SIHY	HY01	49	50	50	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY03	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY02	31	39	39	35	37	33	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
TMGR	HY04	0	0	0	0	0	21	33	34	34	31	34	39	32	37	36	39	39	79	50	0	58	60	58	
UPLA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
UPLA	HY02	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		274	314	349	297	208	177	202	173	178	183	197	172	183	221	186	214	214	225	233	501	413	504	1052	
PCUF	CUFG	25	25	25	24	24	24	25	25	26	24	24	25	25	26	25	25	25	25	24	24	25	24	26	
PCUF	CUFK	37	36	36	35	37	37	36	36	37	37	36	38	36	36	37	36	35	35	33	34	31	30	30	
Total Co-Gen		62	61	61	59	61	61	61	63	61	61	61	61	58	59	57	56	55	55	56	53	52	53	51	
Total Gen		13594	13116	12966	12602	12449	12255	12055	11821	11726	11668	11659	11642	11678	12024	11705	11929	12308	13625	14259	15059	15516	15903	16340	
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	
TIE-HVDC		30	30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		29	72	80	83	50	11	-13	-18	0	6	44	-26	-63	-8	-1	-8	53	11	-33	15	34	-71		
Interconnection		59	102	110	54	21	-18	-42	-47	-29	-23	15	-55	-92	-37	-31	-38	24	-18	-62	-14	5	-100		
System Total		13535	13014	12856	12548	12428	12273	12097	11868	11755	11691	11644	11697	11770	12061	11736	11967	12284	13643	14321	15073	15511	16003		
SRev ST-Coal		54	70	76	102	103	102	61	56	74	74	57	69	85	73	67	70	77	71	58	70	75	73	60	
SRev ST-Gas		5	85	75	74	75	75	75	75	75	75	75	75	75	75	79	53	14	6	5	4	4	4	4	
SRev ST-Oil		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		465	362	268	492	552	759	1028	1238	1322	1383	1423	1403	1453	1195	1486	1349	1468	657	402	251	171	179		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	226	130	245	157	178	84		
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	
Syncon		726	575	575	726	726	726	726	726	726	726	575	726	726	726	474	625	474	237	237	237	474	474		
Hydro		124	235	200	101	90	121	181	125	120	115	252	126	115	77	112	84	235	73	65	149	86	146		
S.Reserve Total		1374	1327	1194	1495	1546	1783	2071	2220	2317	2373	2382	2399	2454	2146	2466	2308	2408	1541	1257	982	1187	1006		