

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,250 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,420 MW
Hydro	1,930 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,600 MW</b>
<b>Total IPP</b>	<b>10,286 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>18,476 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	51,842	15.66 %
Gas	64,989	19.63 %
Hydro	13,730	4.15 %
<b>Total TNB</b>	<b>130,561</b>	<b>39.44 %</b>
ST-Coal	127,689	38.57 %
Gas	72,089	21.77 %
<b>Total IPP</b>	<b>199,778</b>	<b>60.34 %</b>
Co-Gen	138	0.04 %
<b>Total Co-Gen</b>	<b>138</b>	<b>0.04 %</b>
<b>Total Generation</b>	<b>330,477</b>	<b>99.82 %</b>
PLTG	116	0.04 %
EGAT	-3	0.00 %
HVDC	-701	-0.21 %
<b>Interconnection</b>	<b>-588</b>	<b>-0.18 %</b>
<b>Net Energy</b>	<b>331,065</b>	<b>100.00 %</b>

**Maximum Demand Record**

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

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

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,070 MW
TNB Generation	6,627 MW
IPP Generation	9,310 MW
Spinning Reserve	1,129 MW
Maximum Demand	15,961 MW
Net Energy	331,065 MWH
Load Factor	86.43 %

**Fuel Cost**

Total Cost:	43,707,470.25 RM
Cost per Unit	13.78 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	376
Hydro	249
Syncon	585
Thermal	132
<b>Total</b>	<b>1,342</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

**Gas Usage**

Station	(mmscfd)
CBPS	28
CBPS	46
GLGR	54
PAKA	134
PGGS	9
SRDG	27
TJGS	216
<b>Total TNB</b>	<b>515</b>
KLPP	99
MPSS	51
PDPS	24
PKLG	21
PLPS	91
PTEK	21
SGB3	48
SGRI	188
SKSP	52
<b>Total IPP</b>	<b>595</b>
<b>Total Gas</b>	<b>1,110</b>
<b>Total Gas Required</b>	<b>1,110</b>

**Alternate Fuel Usage**

Station	(mmscfd)
<b>Total</b>	<b>0</b>

**Hourly System MW Generation**

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	12842	12110	11689	11444	11179	11197	11487	11503	12249	13865	14894	15633	15615	15149	15763	15861	15847	15295	14417	14736	15107	14866	14337	13705





**Daily MW Generation on Tuesday**

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
MINOR	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
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	111	21	20	79	20	20	111	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	36	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	112	112	112	111	111	112	111
SIHY	HY01	50	50	50	50	50	50	50	50	50	50	49	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	25	25	25	25	25	25	25	16	16	16	16	16	16	16	0	0	25	25	25	25	25	25	25	25
SYPS	HY02	25	25	25	25	25	25	25	16	16	16	16	16	16	16	0	0	25	25	25	25	25	25	25	25
SYPS	HY03	25	25	25	25	25	25	25	16	16	16	16	16	16	16	0	0	25	25	25	25	25	25	25	25
SYPS	HY04	25	25	25	25	25	25	25	16	16	16	16	16	16	16	0	0	25	25	25	25	25	25	25	25
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	29	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	86	85	86	85	86	86	86	86	84
TMGR	HY03	31	30	29	31	30	28	29	32	20	36	35	44	31	23	32	27	32	32	27	0	0	32	34	35
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LUPLA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
LUPLA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
<b>Total Hydro</b>		<b>396</b>	<b>417</b>	<b>418</b>	<b>423</b>	<b>424</b>	<b>403</b>	<b>393</b>	<b>360</b>	<b>335</b>	<b>369</b>	<b>392</b>	<b>453</b>	<b>358</b>	<b>344</b>	<b>400</b>	<b>465</b>	<b>343</b>	<b>335</b>	<b>481</b>	<b>591</b>	<b>704</b>	<b>985</b>	<b>962</b>	
<b>Total Distillate</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
PCUF	CUPG	1	1	1	1	1	1	2	2	2	1	2	3	3	3	2	3	4	3	2	1	0	1	2	1
PCUF	CUFK	4	4	2	3	2	5	3	3	6	4	5	6	4	3	4	4	4	4	3	3	4	4	3	3
<b>Total Co-Gen</b>		<b>5</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>8</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>5</b>	
<b>Total Gen</b>		<b>12780</b>	<b>12388</b>	<b>12069</b>	<b>11892</b>	<b>11714</b>	<b>11461</b>	<b>11415</b>	<b>11323</b>	<b>11217</b>	<b>11117</b>	<b>11149</b>	<b>11174</b>	<b>11335</b>	<b>11690</b>	<b>11524</b>	<b>11492</b>	<b>12358</b>	<b>13105</b>	<b>13833</b>	<b>14472</b>	<b>14825</b>	<b>15196</b>	<b>15582</b>	
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		-29	-29	-29	-29	-29	-29	-29	-29	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-33	-65	-11	-33	-54	-33	0	44	67	53	-18	-24	-123	21	50	-49	138	13	-3	90	-40	0	-22	
Interconnection		-62	-94	-41	-62	25	-62	-29	15	38	24	-48	-54	-152	-8	21	-78	109	-16	-32	61	-69	-29	-51	
<b>System Total</b>		<b>12842</b>	<b>12482</b>	<b>12110</b>	<b>11954</b>	<b>11689</b>	<b>11523</b>	<b>11444</b>	<b>11308</b>	<b>11179</b>	<b>11093</b>	<b>11197</b>	<b>11228</b>	<b>11487</b>	<b>11698</b>	<b>11503</b>	<b>11570</b>	<b>12249</b>	<b>13121</b>	<b>13865</b>	<b>14411</b>	<b>14894</b>	<b>15225</b>	<b>15633</b>	
SRev ST-Coal		124	135	190	184	204	174	64	119	116	127	196	204	181	95	121	99	82	63	68	108	64	58	50	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	102	66	104	172	60	105	
SRev CCGT-Gas		294	696	851	1001	1158	1424	1467	1476	1581	1646	1617	1610	1536	1223	1346	1458	1255	784	256	309	145	134	143	
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	
SRev Co-Gen		15	15	17	16	17	14	14	15	15	12	15	13	12	11	13	14	14	14	12	13	14	15	6	
Synecon		726	726	575	726	726	726	726	726	726	726	575	575	575	575	489	489	424	575	575	575	575	474	474	
Hydro		86	89	239	83	82	103	113	113	146	171	137	265	204	156	170	114	200	222	220	237	378	438	407	
<b>S.Reserve Total</b>		<b>1330</b>	<b>1746</b>	<b>1937</b>	<b>2095</b>	<b>2272</b>	<b>2526</b>	<b>2469</b>	<b>2534</b>	<b>2669</b>	<b>2767</b>	<b>2776</b>	<b>2752</b>	<b>2593</b>	<b>2296</b>	<b>2461</b>	<b>2496</b>	<b>2211</b>	<b>1743</b>	<b>1315</b>	<b>1419</b>	<b>1156</b>	<b>1238</b>		