

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,390 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,968 MW
Hydro	1,729 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,087 MW</b>
<b>Total IPP</b>	<b>9,600 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,251 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	62,083	18.84 %
Gas	63,079	19.15 %
Hydro	14,350	4.36 %
<b>Total TNB</b>	<b>139,512</b>	<b>42.35 %</b>
ST-Coal	86,674	26.31 %
Gas	101,310	30.75 %
<b>Total IPP</b>	<b>187,984</b>	<b>57.06 %</b>
Co-Gen	1,533	0.47 %
<b>Total Co-Gen</b>	<b>1,533</b>	<b>0.47 %</b>
<b>Total Generation</b>	<b>329,029</b>	<b>99.87 %</b>
PLTG	-906	-0.28 %
HVDC	493	0.15 %
<b>Interconnection</b>	<b>-413</b>	<b>-0.13 %</b>
<b>Net Energy</b>	<b>329,442</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	17,185 MW
TNB Generation	6,813 MW
IPP Generation	9,040 MW
Spinning Reserve	1,273 MW
Maximum Demand	15,928 MW
Net Energy	329,442 MWH
Load Factor	86.18 %

**Fuel Cost**

Total Cost:	53,677,264.76 RM
Cost per Unit	17.06 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	509
Hydro	368
Syncon	398
Thermal	73
<b>Total</b>	<b>1,348</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	27

**Gas Usage**

Station	(mmscfd)
CBPS	28
CBPS	31
GLGR	54
PAKA	116
PGGS	9
PGPS	44
SRDG	76
TJGS	166
<b>Total TNB</b>	<b>523</b>

KLPP	107
MPSS	53
PDPS	41
PGLA	101
PKLG	22
PLPS	99
PTEK	19
SGB3	91
SGRI	97
YPGS	69
YPKA	113
<b>Total IPP</b>	<b>812</b>
<b>Total Gas</b>	<b>1,335</b>

**Total Gas Required 1,335**

**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	12591	11888	11514	11202	10984	10853	11236	11211	11958	13955	14820	15481	15406	15070	15665	15902	15871	15561	14584	14260	15290	15114	14422	14004





### Daily MW Generation on Monday

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
CEND	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
CEND	HY02	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	9	9	9	9	9	9	9	9	9
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY04	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
KNRG	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
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	38	38	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
KNYR	HY01	60	90	57	96	60	58	81	60	71	60	57	58	101	68	62	56	101	62	57	75	62	69	85	76
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LPIA	HY01	13	13	13	13	13	13	13	13	11	10	10	11	11	11	11	13	13	13	13	13	13	13	13	13
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MNOR	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	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	21	-1	-1	-1	-1	-1	21	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	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
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	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	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	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	-1
TMGR	HY02	30	34	29	39	37	37	37	34	32	31	30	38	36	29	38	33	28	58	47	61	38	38	51	54
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
UPIA	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
UPIA	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
Total Hydro		220	233	216	243	206	203	249	228	214	199	193	192	246	233	204	177	235	652	491	646	684	914	937	885
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUPG	36	37	37	37	36	37	38	37	38	38	38	38	38	37	39	40	38	38	38	37	36	36	35	34
PCUF	CUPK	29	27	29	28	29	29	31	28	29	31	29	28	29	29	30	29	29	29	29	29	27	30	28	27
Total Co-Gen		65	64	66	65	66	66	69	65	67	69	67	66	67	63	68	69	68	67	66	64	65	64	64	62
Total Gen		12495	12270	11807	11675	11486	11285	11284	11057	10947	10919	10896	10918	11318	11373	11211	11320	11907	13219	13990	14436	14768	15214	15464	15677
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	-28	-28	31	31	31	31	31	30	30	31	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-PLTG		-67	-63	-55	-46	-59	-41	-29	-66	-68	-22	13	-42	-98	-4	0	27	-51	19	35	-58	-52	-35	-47	
Interconnection		-96	-92	-81	-15	-28	-10	2	-35	-37	8	43	-11	-98	-4	0	27	-51	19	35	-58	-52	-35	-47	
System Total		12591	12362	11888	11690	11514	11295	11202	11092	10984	10911	10853	10929	11236	11377	11211	11293	11958	13200	13955	14494	14820	15249	15481	15705
SRev ST-Coal		30	34	67	70	41	66	60	63	74	66	71	59	48	12	75	17	0	41	52	-8	25	27	5	
SRev CCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	295	243	271	284	190	225	
SRev CCGT-Gas		252	152	405	513	614	788	924	1043	1130	1153	1163	1151	1083	903	1118	1299	1253	767	367	514	370	232	210	
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
SRev Co-Gen		-21	-20	-22	-21	-21	-22	-25	-21	-23	-25	-25	-22	-23	-19	-24	-25	-24	-23	-23	-22	-20	-21	-20	
Syncon		575	726	575	726	726	726	575	726	726	726	726	575	726	726	726	388	388	388	302	302	302	453	302	
Hydro		250	86	254	76	113	116	221	242	105	120	126	127	73	237	115	142	84	206	367	320	368	438	465	
S.Reserve Total		1171	1063	1364	1449	1558	1759	1840	1987	2097	2125	2148	2126	1992	1793	2093	2244	2124	1759	1479	1263	1329	1168	1187	