

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,231 MW
Hydro	1,668 MW
Distillate	0 MW
Total TNB	7,969 MW
Total IPP	9,952 MW
Total Co-Gen	0 MW
Total System	17,921 MW

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,819	15.22 %
Gas	71,112	22.17 %
Hydro	11,000	3.43 %
<b>Total TNB</b>	<b>130,931</b>	<b>40.82 %</b>
ST-Coal	101,304	31.58 %
ST-Gas	10,903	3.40 %
Gas	75,951	23.68 %
<b>Total IPP</b>	<b>188,158</b>	<b>58.66 %</b>
Co-Gen	1,961	0.61 %
<b>Total Co-Gen</b>	<b>1,961</b>	<b>0.61 %</b>
<b>Total Generation</b>	<b>321,050</b>	<b>100.09 %</b>
PLTG	-447	-0.14 %
HVDC	729	0.23 %
<b>Interconnection</b>	<b>282</b>	<b>0.09 %</b>
<b>Net Energy</b>	<b>320,768</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:	11:30:00 Hour
Total Set On Bus	16,421 MW
TNB Generation	6,243 MW
IPP Generation	8,980 MW
Spinning Reserve	1,111 MW
Maximum Demand	15,359 MW
Net Energy	320,768 MWH
Load Factor	87.02 %

**Fuel Cost**

Total Cost:	49,908,249.14 RM
Cost per Unit	16.10 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	411
Hydro	258
Syncon	277
Thermal	61
<b>Total</b>	<b>1,007</b>

Time	Weather	Temperature
Afternoon	Rainy	33
Morning	Sunny	25

**Gas Usage**

Station	(mmscfd)
CBPS	9
CBPS	54
GLGR	58
PAKA	122
PGGS	10
PGPS	49
SRDG	41
TJGS	213
<b>Total TNB</b>	<b>557</b>

KLPP	101
MPSS	54
PDPS	27
PKLG	15
PLPS	103
PTEK	31
SGB3	45
SGRI	188
YPKA	68
PKLG	107
<b>Total IPP</b>	<b>738</b>

<b>Total Gas</b>	<b>1,295</b>
<b>Total Gas Required</b>	<b>1,295</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	12893	12386	11808	11564	11326	11130	11285	11227	11865	13747	14646	15235	15155	14851	15157	15154	15154	14666	13860	13747	14072	13767	13203	12711





### 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
LPIA	HY02	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MNOR	HY01	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	1	1	1
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	113	114	76	99	113	109	113	110	112	114	113
PGAU	HY02	82	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	75	97	111	108	110	108	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	111	107	98	111	107	109	108	-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
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	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	0
TMGR	HY01	32	32	33	33	33	34	31	32	30	33	32	34	35	31	33	33	36	34	32	30	33	32	33	33
TMGR	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
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	5	5	5	6	5	6	5	5	5	5	6	5	5	5	5	5	5	6	6	6	6	6	6	6
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		324	241	245	247	196	201	190	194	193	199	207	196	222	238	225	230	231	488	595	511	508	665	746	799
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	47	46	47	46	45	45	47	46	46	46	46	46	45	44	44	44	47	45	44	41	42	40	38	40
PCUF	CUPK	40	39	39	39	37	39	40	39	40	39	38	39	40	39	39	40	41	40	40	40	41	40	37	39
Total Co-Gen		87	85	86	85	82	84	85	87	85	86	85	84	85	85	83	84	85	87	82	83	79	81	79	77
Total Gen		12933	12595	12423	12121	11939	11798	11578	11463	11328	11301	11195	11197	11321	11462	11285	11473	11934	13019	13796	14297	14697	15088	15226	15310
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		31	30	30	30	30	31	31	30	30	31	31	31	31	31	31	30	30	30	31	31	29	29	29	29
TIE-PLTG		9	52	7	33	101	-56	-16	-6	-28	41	34	1	4	-24	28	14	39	-62	18	3	20	-54	-39	
Interconnection		40	82	37	63	131	-25	14	23	2	71	65	33	36	7	58	45	69	-30	49	34	51	-23	-9	
System Total		12893	12513	12386	12058	11808	11823	11564	11440	11326	11230	11130	11164	11285	11455	11227	11428	11865	13049	13747	14263	14646	15031	15235	15359
SRev ST-Coal		30	57	33	45	47	41	61	53	46	57	56	38	50	45	62	45	23	16	39	39	59	39	43	48
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	233	228	343	364	356	369
SRev CCGT-Gas		319	339	353	493	561	693	883	1011	1150	1173	1287	1291	1182	1062	1209	1056	925	672	403	242	160	134	131	137
SRev ST-Gas		4	-3	-44	79	76	73	73	74	74	74	73	73	73	75	84	33	18	9	2	40	39	33	31	31
SRev Co-Gen		-11	-9	-10	-9	-6	-8	-9	-11	-9	-10	-9	-8	-9	-9	-7	-8	-8	-8	-9	-9	-7	-8	-9	-11
Syncon		576	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727	727
Hydro		181	113	109	107	120	115	126	122	125	117	109	120	245	128	141	136	135	218	262	346	272	265	234	261
S.Reserve Total		1099	1224	1256	1442	1525	1641	1861	1976	2111	2138	2244	2241	2117	2026	2203	2032	1886	1356	1220	1129	1103	1108	1068	1111