

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,865 MW
Hydro	1,611 MW
Distillate	0 MW
Total TNB	7,546 MW
Total IPP	11,038 MW
Total Co-Gen	76 MW
Total System	18,660 MW

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,921	14.86 %
Gas	62,452	18.96 %
Hydro	12,592	3.82 %
<b>Total TNB</b>	<b>123,965</b>	<b>37.64 %</b>
ST-Coal	87,735	26.64 %
ST-Gas	8,789	2.67 %
Gas	107,568	32.66 %
<b>Total IPP</b>	<b>204,092</b>	<b>61.98 %</b>
Co-Gen	1,709	0.52 %
<b>Total Co-Gen</b>	<b>1,709</b>	<b>0.52 %</b>
<b>Total Generation</b>	<b>329,766</b>	<b>100.14 %</b>
PLTG	-371	-0.11 %
HVDC	824	0.25 %
<b>Interconnection</b>	<b>453</b>	<b>0.14 %</b>
<b>Net Energy</b>	<b>329,313</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	16,946 MW
TNB Generation	5,644 MW
IPP Generation	10,207 MW
Spinning Reserve	1,025 MW
Maximum Demand	15,932 MW
Net Energy	329,313 MWH
Load Factor	86.12 %

**Fuel Cost**

Total Cost:	55,423,640.90 RM
Cost per Unit	17.47 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	344
Hydro	169
Syncon	408
Thermal	52
<b>Total</b>	<b>973</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

**Gas Usage**

Station	(mmscfd)
CBPS	15
CBPS	58
GLGR	56
PAKA	49
PGPS	42
SRDG	44
TJGS	217
<b>Total TNB</b>	<b>482</b>
KLPP	105
MPSS	58
PDPS	22
PGLA	116
PKLG	9
PLPS	95
PTEK	17
SGB3	88
SGRI	164
SKSP	36
YPGS	70
YPKA	69
PKLG	86
<b>Total IPP</b>	<b>934</b>
<b>Total Gas</b>	<b>1,416</b>

**Alternate Fuel Usage**

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

**Total Gas Required** 1,416

**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	13025	12410	12024	11706	11325	11346	11427	11573	12073	13912	14857	15530	15452	15240	15583	15692	15503	15072	14117	14473	14847	14470	13972	13400





### Daily MW Generation on Wednesday

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	HY01	18	18	17	17	17	17	17	17	17	20	20	17	17	17	17	17	17	17	17	18	18	17	18	18	18
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17
MNOR	HY01	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	4	4	4	4	4	4
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	114	114	115	115	114	23	23	115	115	115	114	115	115	114
PGAU	HY02	-1	-1	-1	-1	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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	-1
PGAU	HY04	-1	-1	-1	23	-1	-1	-1	-1	-1	-1	-1	82	112	112	112	-1	-1	-1	112	112	0	80	80	80	80
SIHY	HY01	49	0	0	0	0	0	0	0	0	0	0	49	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY03	50	0	0	0	0	0	0	0	0	0	0	16	50	50	50	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	33	34	30	33	32	29	28	35	30	34	32	32	34	37	33	36	34	31	46	45	40	50	71	74	72
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	-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	-1
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	5
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	4
Total Hydro		491	294	280	318	214	177	175	197	181	198	189	193	222	206	304	203	258	291	316	289	398	497	674	752	537
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	0
PCUF	CUFK	37	37	37	38	36	39	39	38	39	40	39	41	40	39	41	41	39	39	38	39	37	36	37	39	37
PCUF	CUFK	34	34	33	35	34	34	35	35	34	36	35	36	36	34	35	35	35	34	30	30	28	26	32	33	34
Total Co-Gen		71	71	70	73	70	73	74	73	73	76	74	77	76	75	76	74	74	73	68	69	65	62	69	72	71
Total Gen		13028	12727	12438	12233	12055	11814	11777	11602	11385	11380	11360	11310	11459	11629	11631	11626	12064	13113	13968	14390	14852	15123	15585	15673	15505
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	0
TIE-HVDC		30	30	28	31	30	30	30	30	30	30	31	31	29	29	30	30	31	31	31	31	31	31	31	31	31
TIE-PLTG		-28	-23	-1	-21	1	30	41	-31	30	-11	-16	-61	1	20	29	-55	-39	7	26	-54	-35	-105	25	-34	
Interconnection		3	7	28	10	31	60	71	-1	60	18	14	-30	32	49	58	-26	-9	38	56	-24	-5	-75	55	-3	
System Total		13025	12720	12410	12233	12024	11754	11706	11603	11325	11362	11346	11340	11427	11580	11573	11652	12073	13075	13912	14414	14857	15198	15530	15676	15452
SRev ST-Coal		36	36	36	25	44	58	60	21	43	35	44	41	31	36	47	18	50	38	30	30	37	20	39	17	50
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	13	45	131	137
SRev CCGT-Gas		402	506	780	1037	1095	1288	1322	1557	1735	1768	1769	1829	1718	1526	1611	1545	1223	1113	508	226	256	254	272	257	262
SRev ST-Gas		37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	66	67	72	46	35	36	39	45	5	
SRev Co-Gen		5	5	6	3	6	3	2	3	3	0	2	1	1	1	0	2	3	8	7	11	14	7	4	7	7
Syncon		629	730	730	579	579	730	730	730	730	730	730	730	579	730	579	730	730	730	730	579	428	428	428	428	428
Hydro		124	120	133	246	250	136	138	116	132	116	124	120	242	107	160	110	155	124	104	108	149	201	200	197	161
S.Reserve Total		1238	1439	1727	1932	2016	2257	2294	2469	2685	2691	2711	2761	2612	2442	2440	2445	2202	2078	1442	1174	1255	1113	1034	1076	1238