

### Availability at Daily Maximum Demand Hour

ST-Coal	1,360 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,898 MW
Hydro	1,805 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,063 MW</b>
<b>Total IPP</b>	<b>10,787 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,135 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	28,182	8.71 %
Gas	56,435	17.44 %
Hydro	19,995	6.18 %
<b>Total TNB</b>	<b>104,612</b>	<b>32.33 %</b>
ST-Coal	104,207	32.20 %
Gas	112,556	34.78 %
<b>Total IPP</b>	<b>216,763</b>	<b>66.99 %</b>
Co-Gen	1,585	0.49 %
<b>Total Co-Gen</b>	<b>1,585</b>	<b>0.49 %</b>
<b>Total Generation</b>	<b>322,960</b>	<b>99.81 %</b>
PLTG	67	0.02 %
HVDC	-698	-0.22 %
<b>Interconnection</b>	<b>-631</b>	<b>-0.19 %</b>
<b>Net Energy</b>	<b>323,591</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:	15:30:00 Hour
Total Set On Bus	16,231 MW
TNB Generation	5,052 MW
IPP Generation	10,044 MW
Spinning Reserve	1,081 MW
Maximum Demand	15,271 MW
Net Energy	323,591 MWH
Load Factor	88.29 %

### Fuel Cost

Total Cost:	49,509,964.02 RM
Cost per Unit	16.34 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	521
Hydro	441
Syncon	102
Thermal	81
<b>Total</b>	<b>1,145</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	26

### Gas Usage

Station	(mmscfd)
CBPS	8
GLGR	55
PAKA	49
PGPS	49
SRDG	40
TJGS	222
<b>Total TNB</b>	<b>423</b>
KLPP	105
MPSS	60
PDPS	14
PGLA	114
PKLG	6
PLPS	97
PTEK	18
SGB3	84
SGRI	192
SKSP	51
YPGS	70
YPKA	68
<b>Total IPP</b>	<b>879</b>
<b>Total Gas</b>	<b>1,302</b>
<b>Total Gas Required</b>	<b>1,302</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	12879	12290	11838	11536	11354	11199	11158	11451	11973	13690	14555	15011	15151	14603	15012	15241	15233	14883	13943	14231	14681	14391	13802	13335





**Daily MW Generation on Thursday**

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																										
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	30	111	83	83	82	82	82	82	82	82	82	82	82	110	110	110	110	110	110	110	110	110	110	108	110	105	143	110	110							
SIHY	HY01	50	50	50	50	50	50	50	50	50	49	50	50	50	50	0	0	0	0	30	30	30	30	30	30	30	30	30	30	30	30	50	50	50	50	50	50	50	50	50	50	50	50	50	29	30	0				
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	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	0	0	0	0	0	0	0	0			
SYPS	HY01	25	25	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SYPS	HY02	25	25	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SYPS	HY03	25	25	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SYPS	HY04	25	25	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	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	-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	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
TMGR	HY03	33	30	33	33	32	0	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
TMGR	HY04	-1	-1	-1	-1	-1	34	35	36	36	35	35	33	29	35	39	40	33	34	29	31	33	38	33	36	35	33	33	38	35	33	33	33	36	37	36	77	77	79	79	79	76	79	73	76	72	79	75	34		
UPIA	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	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	0	0	0	0	0	0	0	0	0	0	
UPIA	HY02	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Total Hydro		403	407	314	312	358	361	360	363	361	359	359	355	353	356	359	358	279	361	576	584	763	1164	1125	1090	1076	967	922	969	1046	1141	1059	1042	1052	1058	1048	1233	1234	1250	1576	1565	1558	1503	1418	1422	1044	1197	1064	734		
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	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	34	33	34	34	34	33	33	33	34	33	33	33	33	33	33	33	33	33	33	33	33	32	30	31	32	32	33	32	30	31	30	29	30	31	32	32	32	33	33	35	35	34	33	34	34	34	34	33		
PCUF	CUFK	36	35	34	34	36	36	35	36	36	36	37	37	34	30	29	32	34	35	33	32	32	32	31	32	28	27	27	32	28	25	25	25	26	36	37	37	34	36	35	35	36	38	36	35	37	37	38	37		
Total Co-Gen		70	68	68	68	70	69	68	69	70	69	70	70	67	64	62	65	67	68	66	65	65	64	61	63	60	59	60	64	58	56	55	54	56	67	69	69	66	69	68	70	71	72	69	69	71	71	72	70		
Total Gen		12901	12517	12303	12110	11868	11579	11554	11491	11323	11255	11228	11119	11158	11294	11351	11426	11932	12950	13609	14019	14522	14843	14979	15102	15118	14665	14571	14805	14981	15227	15190	15150	15140	15069	14818	14461	13932	13779	14192	14749	14649	14876	14378	14174	13837	13526	13366	13039		
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	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		-28	-28	-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		-50	-51	-41	-34	-59	-6	-48	-35	-2	29	-18	-29	-2	-71	-71	-11	-8	-51	-35	-3	-3	-3	-3	-3	-3	-3	-3	-2	-3	-23	-93	-64	-59	-35	55	18	-9	-11	63	-3	16	16	54	64	8	61	-51			
Interconnection		22	23	13	5	30	-35	18	5	-31	-1	29	-46	0	-30	-100	-100	-41	-38	-81	-65	-33	-34	-32	-32	-33	-33	-32	-32	-31	-33	-51	-122	-93	-87	-65	26	-11	-38	-39	32	-32	-13	-13	24	35	-20	31	-81		
System Total		12879	12494	12290	12105	11838	11614	11536	11486	11354	11256	11199	11165	11158	11324	11451	11526	11973	12988	13690	14084	14555	14877	15011	15134	15151	14698	14603	14837	15012	15260	15241	15272	15233	15156	14883	14435	13943	13817	14231	14717	14681	14589	14391	14150	13802	13546	13335	13120		
SRev ST-Coal		31	31	0	20	34	-11	5	72	139	150	135	148	127	143	112	91	3	27	40	11	-9	326	244	126	93	132	126	110	114	114	47	7	20	72	12	3	-99	0	19	184	177	128	85	-41	-22	-5	-9	-20		
SRev OCGT-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	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	0
SRev CCGT-Gas		488	330	282	453	729	1115	1122	1147	1094	1145	1188	1276	1255	1098	1069	1088	1142	825	455	229	336	97	255	190	173	458	503	386	255	233	249	326	213	170	213	235	764	856	767	305	493	564	641	751	735	647	618	624		
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	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	0
SRev Co-Gen		6	8	8	8	6	7	8	7	6	7	6	6	9	12	14	11	9	8	10	11	11	12	15	13	16	17	16	12	18	20	21	22	20	9	7	7	10	7	8	6	5	4	7	7	5	5	4	6		
Syncon		725	725	725	725	725	724	725	725	725	725	725	725	725	725	725	725	574	574	422	422	321	0	0	101	101	101	101	101	101	83	0	0	101	101	101	101	101	101	101	101	101	0	0	0	0	0	0	101	101	188
Hydro		118	114	107	109	102	99	99	96	98	100	100	104	106	103	100	95	225	143	359	351	411	631	670	604	618	545	566	544	617	605	512	428	418	412	422	237	236	220	219	230	237	192	277	234	273	120	253	290		
S.Reserve Total		1368	1208	1147	1340	1596	1934	1959	2047	2062	2127	2154	2259	2222	2081	2020	2016	1959	1583	1333	1140	1192	1314	1416	1333	1307	1608	1668	1459	1415	1179	1031	1081	1091	1048	1091	725	1154	1307	1128	761	956	931	1105	957	1098	874	1073	1094		