

#### Availability at Daily Maximum Demand Hour

ST-Coal	1,660 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,647 MW
Hydro	1,830 MW
Distillate	0 MW
Total TNB	7,137 MW
Total IPP	9,856 MW
Total Co-Gen	0 MW
Total System	16,993 MW

#### Generation Mix

Type	MWh	Percentage
ST-Coal	35,314	11.57 %
Gas	62,080	20.34 %
Hydro	11,861	3.89 %
<b>Total TNB</b>	<b>109,255</b>	<b>35.79 %</b>
ST-Coal	102,566	33.60 %
ST-Gas	10,797	3.54 %
Gas	81,500	26.70 %
<b>Total IPP</b>	<b>194,863</b>	<b>63.84 %</b>
Co-Gen	1,068	0.35 %
<b>Total Co-Gen</b>	<b>1,068</b>	<b>0.35 %</b>
<b>Total Generation</b>	<b>305,186</b>	<b>99.99 %</b>
PLTG	-770	-0.25 %
EGAT	-1	0.00 %
HVDC	731	0.24 %
<b>Interconnection</b>	<b>-40</b>	<b>-0.01 %</b>
<b>Net Energy</b>	<b>305,226</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:	19:30:00 Hour
Total Set On Bus	15,488 MW
TNB Generation	5,257 MW
IPP Generation	8,862 MW
Spinning Reserve	1,325 MW
Maximum Demand	14,188 MW
Net Energy	305,226 MWH
Load Factor	89.64 %

#### Fuel Cost

Total Cost:	42,369,757.10 RM
Cost per Unit	14.44 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	378
Hydro	284
Syncon	679
Thermal	104
<b>Total</b>	<b>1,445</b>

#### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	26

#### Gas Usage

Station	(mmscfd)
CBPS	1
GLGR	55
NPRI	65
PAKA	103
SRDG	18
TJGS	219
<b>Total TNB</b>	<b>461</b>
KLPP	86
PDPS	15
PGLA	115
PKLG	9
PKLG	107
PLPS	100
PTEK	13
SGB3	87
SGRI	168
SKSP	53
<b>Total IPP</b>	<b>754</b>
<b>Total Gas</b>	<b>1,215</b>
<b>Total Gas Required</b>	<b>1,215</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	12724	12198	11597	11394	11088	10885	10959	10842	10832	12077	13022	13758	13644	13455	13827	13848	13733	13412	13080	13553	14077	13961	13499	13212





**Daily MW Generation on Saturday**

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	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	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	25	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	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	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	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	28	28	31	41	25	29	33	45	31	35	53	33	35	34	31	30	33	34	0	0	0	0	0	0																											
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0																											
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																											
Total Hydro		372	271	404	324	215	225	236	336	288	285	284	283	284	284	277	223	241	248	357	339	321	651	595	661	573	459	407	407	503	612	619	554	584	586	239	247	244	253	629	1173	1164	1157	1200	1196	1192	789	447	194			
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	0	0
PCUF	CUFG	20	21	20	20	21	20	17	16	18	17	17	18	18	18	17	18	18	18	17	18	18	17	18	18	18	18	17	17	17	20	20	21	22	21	21	19	18	17	17	16	17	18	18	18	18	18	18	19			
PCUF	CUFK	28	26	24	26	29	29	28	28	29	29	28	29	29	30	31	30	29	29	28	27	27	27	27	25	24	22	22	22	22	22	22	21	23	25	24	21	24	27	25	26	28	25	27	27	26	27	26	27			
Total Co-Gen		48	47	44	46	50	49	45	44	47	46	45	47	46	48	50	48	47	47	45	45	44	44	43	42	40	39	41	39	39	39	41	43	46	46	42	45	46	43	44	44	41	43	46	43	45	45	44	46			
Total Gen		12767	12324	12157	11881	11634	11620	11404	11301	11102	11106	10877	10996	10925	11094	10828	10649	10839	11631	12136	12760	12988	13544	13783	13894	13668	13485	13476	13532	13749	13822	13827	13716	13689	13688	13400	13283	13103	13184	12877	14163	14117	13987	13948	13674	13472	13305	13216	12798			
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		30	30	29	29	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
TIE-PLTG		13	-29	-70	-31	6	-5	-21	-114	-18	-66	-38	-48	-65	25	-45	-60	-23	-74	29	-22	-64	16	-5	-10	-6	-16	-10	-11	-109	10	-51	-51	-75	-42	-42	-37	-7	-9	-6	-55	10	-8	-45	-62	-58	-72	-27	-43			
Interconnection		43	1	-41	-2	37	26	10	-83	14	-35	-8	-18	-34	56	-14	-29	7	-44	59	8	-34	46	25	21	24	15	21	19	-78	41	-21	-21	-44	-11	-12	-6	23	21	24	-25	40	22	-13	-31	-27	-43	4	-12			
System Total		12724	12323	12198	11883	11597	11594	11394	11384	11088	11141	10885	11014	10959	11038	10842	10678	10832	11675	12077	12752	13022	13498	13758	13873	13644	13470	13455	13513	13827	13781	13848	13737	13733	13699	13412	13289	13080	13163	13553	14188	14077	13965	13961	13765	13499	13347	13212	12810			
SRev ST-Coal		95	85	106	121	116	119	114	88	97	107	105	118	124	116	116	126	100	120	92	109	110	110	109	118	105	107	101	97	101	102	108	-15	-13	-6	-4	2	0	-5	83	-10	96	96	105	112	114	105	101				
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	38	70	19	18	46	114	105	32	13	51	102	193	75	77	77	110	112	108	114	96	-1	100	114	102	0	0	0	0	0			
SRev CCGT-Gas		176	301	197	272	420	445	711	841	896	880	1108	991	1048	935	1204	1327	1145	669	313	322	308	203	114	102	218	231	197	219	133	215	177	395	405	469	704	819	987	848	673	546	661	682	448	500	536	598	354	468			
SRev ST-Gas		-16	-1	-2	-2	-1	-1	1	73	66	66	67	75	75	75	74	74	74	74	81	21	7	8	28	-3	1	0	0	1	1	0	0	4	6	1	-1	1	1	-1	-1	1	1	-1	-1	-3	-1	-1	56				
SRev Co-Gen		-48	-47	-44	-46	-50	-49	-45	-44	-47	-46	-45	-47	-46	-48	-30	-48	-47	-47	-45	-45	-44	-44	-43	-42	-40	-39	-41	-39	-39	-39	-41	-43	-46	-46	-42	-45	-46	-43	-44	-44	-41	-43	-46	-43	-45	-45	-44	-46			
Syncon		550	550	550	399	852	852	852	852	802	802	802	802	802	802	802	802	802	802	953	953	953	802	802	953	781	781	655	781	781	867	867	867	590	590	741	741	741	867	867	878	878	248	399	399	399	399	399	525	777	878	
Hydro		424	425	289	520	175	164	153	53	250	244	245	246	245	245	252	115	98	95	138	355	233	189	245	305	267	381	308	308	212	360	373	287	257	255	226	218	221	211	311	397	255	262	304	306	312	276	218	120			
S.Reserve Total		1186	1318	1101	1269	1517	1535	1791	1868	2069	2058	2287	2177	2247	2138	2403	2542	2354	1849	1407	1614	1618	1316	1234	1175	1387	1574	1543	1488	1284	1299	1303	1681	1421	1489	1827	1964	2144	2003	1926	1325	1264	1497	1314	1370	1311	1467	1409	1577			