

### Availability at Daily Maximum Demand Hour

ST-Coal	2,610 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,180 MW
Hydro	1,882 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,672 MW</b>
<b>Total IPP</b>	<b>9,646 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,888 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	52,154	18.78 %
Gas	36,925	13.29 %
Hydro	17,295	6.23 %
<b>Total TNB</b>	<b>106,374</b>	<b>38.29 %</b>
ST-Coal	89,409	32.19 %
Gas	81,533	29.35 %
<b>Total IPP</b>	<b>170,942</b>	<b>61.54 %</b>
Co-Gen	1,320	0.48 %
<b>Total Co-Gen</b>	<b>1,320</b>	<b>0.48 %</b>
<b>Total Generation</b>	<b>278,636</b>	<b>100.31 %</b>
PLTG	130	0.05 %
HVDC	728	0.26 %
<b>Interconnection</b>	<b>858</b>	<b>0.31 %</b>
<b>Net Energy</b>	<b>277,778</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:	21:00:00 Hour
Total Set On Bus	14,163 MW
TNB Generation	5,327 MW
IPP Generation	7,781 MW
Spinning Reserve	1,001 MW
Maximum Demand	13,134 MW
Net Energy	277,778 MWH
Load Factor	88.12 %

### Fuel Cost

Total Cost:	32,094,314.31 RM
Cost per Unit	12.27 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	281
Hydro	455
Syncon	213
Thermal	109
<b>Total</b>	<b>1,058</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	26

### Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	56
PGPS	43
SRDG	13
TJGS	161
<b>Total TNB</b>	<b>276</b>
KLPP	74
PDPS	3
PGLA	116
PLPS	94
PTEK	4
SGB3	87
SGRI	142
SKSP	50
YPGS	1
YPKA	66
<b>Total IPP</b>	<b>638</b>
<b>Total Gas</b>	<b>914</b>
<b>Total Gas Required</b>	<b>914</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	12586	12078	11584	11092	10752	10647	10644	10475	9889	10456	11117	11490	11474	11433	11655	11767	11921	11956	11506	11632	13113	13135	12757	12574

**Daily MW Generation on Sunday**

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																												
JMAH	U001	703	704	703	702	703	697	706	703	702	704	705	701	678	660	661	633	549	550	465	449	504	557	557	554	551	550	546	554	552	550	555	550	552	551	551	550	552	557	548	603	601	607	601	601	604	605	602	601				
JMAH	U002	707	710	701	698	701	706	705	707	707	700	708	706	691	662	660	662	549	550	466	449	502	553	557	556	556	551	546	555	554	552	555	554	554	553	552	553	554	557	550	604	604	608	603	601	606	603	604	604				
JMJG	U001	671	679	681	679	679	677	679	681	661	679	677	673	679	648	655	623	589	538	498	443	472	530	545	542	547	545	531	549	542	530	544	542	548	545	545	548	542	552	543	568	605	604	596	592	594	618	606	604				
JMJG	U002	677	673	675	674	674	673	673	674	686	576	578	575	576	573	575	579	568	544	445	447	496	544	544	545	545	551	542	546	543	547	546	546	546	545	545	545	543	546	594	602	594	595	594	597	596	590	595					
JMJG	U003	658	677	676	676	677	673	674	679	653	672	673	672	668	634	650	616	581	537	471	436	486	535	540	537	538	544	526	534	537	520	543	535	541	540	543	542	543	556	523	557	601	598	597	585	590	609	598	597				
JMJG	U004	0	0	0	0	0	75	377	470	484	483	486	487	488	486	491	491	486	453	443	436	448	480	462	481	435	439	434	439	450	450	440	424	362	430	439	487	515	525	538	538	538	534	537	533	532	536	534	537				
PKLG	U003	283	280	282	274	281	278	282	280	280	279	279	281	283	280	283	283	283	281	283	283	281	280	284	286	282	281	281	281	281	277	281	283	262	279	260	280	279	283	281	281	279	283	280	280	279	279	279	276				
PKLG	U004	271	268	266	267	267	267	248	132	94	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PKLG	U005	468	465	468	468	468	468	468	468	466	468	468	474	468	466	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468			
PKLG	U006	360	357	357	357	360	357	357	331	375	437	467	468	468	468	468	462	468	468	471	467	467	468	468	468	468	468	462	462	465	466	470	469	470	467	469	463	470	474	467	470	467	466	469	466	466	466	466	466				
TBIN	U001	696	697	696	696	696	694	698	697	693	697	698	697	680	658	656	635	546	541	459	446	503	543	552	547	551	549	545	551	547	548	551	547	549	545	547	547	549	554	545	599	599	601	597	595	597	594	597	597	597			
TBIN	U002	700	698	697	697	698	696	698	696	698	697	698	697	680	658	656	635	546	541	459	446	503	543	552	547	551	549	545	551	547	548	551	547	549	545	547	547	549	554	545	599	599	601	597	595	597	594	597	597	597			
TBIN	U003	699	697	696	697	698	696	698	697	698	697	698	697	680	658	656	635	546	541	459	446	503	543	552	547	551	549	545	551	547	548	551	547	549	545	547	547	549	554	545	599	599	601	597	595	597	594	597	597	597			
<b>Total ST-Coal</b>		<b>6893</b>	<b>6905</b>	<b>6898</b>	<b>6742</b>	<b>6666</b>	<b>6617</b>	<b>6857</b>	<b>6680</b>	<b>6589</b>	<b>6429</b>	<b>6437</b>	<b>6433</b>	<b>6346</b>	<b>6195</b>	<b>6227</b>	<b>6087</b>	<b>5637</b>	<b>5477</b>	<b>4926</b>	<b>4774</b>	<b>5129</b>	<b>5502</b>	<b>5531</b>	<b>5536</b>	<b>5496</b>	<b>5493</b>	<b>5430</b>	<b>5488</b>	<b>5490</b>	<b>5451</b>	<b>5507</b>	<b>5469</b>	<b>5405</b>	<b>5469</b>	<b>5468</b>	<b>5533</b>	<b>5570</b>	<b>5622</b>	<b>5559</b>	<b>5888</b>	<b>5967</b>	<b>5969</b>	<b>5944</b>	<b>5916</b>	<b>5933</b>	<b>5973</b>	<b>5945</b>	<b>5947</b>				
<b>Total ST-Oil</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
<b>Total ST-Gas</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
GLGR	GT01	109	110	110	111	71	72	73	73	72	73	74	74	76	73	72	73	74	73	102	112	111	110	109	109	108	107	108	106	106	104	105	103	102	102	102	102	104	104	105	107	107	107	109	110	110	110	110	110	110	110	111	
GLGR	GT02	109	112	112	112	70	73	73	73	74	74	74	74	74	73	74	74	74	74	100	114	113	112	110	110	110	108	110	108	105	104	105	103	102	102	102	104	104	108	107	109	110	111	111	110	110	110	110	110	110	110	109	109
GLGR	ST1C	98	101	101	101	71	61	60	59	60	59	60	59	59	60	59	70	98	100	99	99	98	99	98	99	98	99	98	96	96	94	93	94	93	93	94	94	95	97	98	99	100	100	101	100	100	100	99	100	100	100		
KLPP	GT13	150	149	148	150	151	141	80	80	82	82	81	82	81	82	82	83	83	111	138	151	152	151	151	151	152	150	149	150	149	148	148	147	149	149	148	148	149	148	148	149	148	141	141	141	141	113	113	5	5	6		
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
KLPP	GT15	142	143	143	145	145	141	98	78	78	79	79	78	78	78	78	78	78	139	147	147	145	145	146	146	147	147	146	146	143	143	145	143	143	146	146	146	146	145	130	135	135	139	139	135	131	118	127	128	128			
KLPP	ST17	135	136	136	138	139	137	106	90	94	93	93	90	94	90	94	127	131	131	130	130	130	130	130	130	135	135	135	135	135	135	135	135	135	135	134	134	135	135	136	131	130	130	133	133	116	186	162	134	134			
PGLA	GT11	217	226	225	224	224	225	216	227	227	228	226	223	218	219	202	220	229	230	214	206	220	221	227	229	224	231	221	223	219	227	229	223	226	214	225	206	183	188	226	218	231	219	221	238	224	233	233	233				
PGLA	GT12	220	230	230	228	228	231	229	222	231	230	231	230	232	223	206	224	233	233	217	209	223	232	232	230	233	233	225	227	223	229	233	225	231	217	229	211	188	191	230	233	235	222	226	240	228	236	240	228				
PGLA	ST10	236	240	241	240	240	240	239	240	238	239	239	239	239	238	235	214	244	242	244	237	220	245	242	247	250	247	246	248	247	248	246	246	248	242	227	229	210	243	246	247	238	236	245	247	246	246	246					
PGPS	GT3A	95	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	85	84	96	98	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97			
PGPS	GT3B	90	92	84	84	84	84	86	85	82	85	84	85	85	84	83	82	85	84	83	82	83	92	93	92	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91		
PGPS	ST3C	86	88	38	38	38	38	37	37	37	37	37	37	37	37	37	37	38	38	37	36	70	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91			
SGB3	GT31	100	107	102	107																																																



### Daily MW Generation on Sunday

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																										
Total Hydro		769	595	596	596	595	557	561	541	532	546	540	547	574	561	606	503	522	512	586	596	630	633	639	623	630	644	604	698	741	976	885	903	1050	984	1043	936	726	740	825	831	1030	1032	1043	849	857	848	900	788		
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
PCUF	CUFG	18	17	16	17	15	17	16	17	17	15	16	15	16	16	17	16	16	15	16	15	15	15	15	17	16	16	15	15	15	13	15	15	14	14	14	15	15	14	15	14	15	14	14	15	14	15	14	14	15	
PCUF	CUFK	41	41	41	40	41	39	41	41	40	40	39	40	40	40	39	40	40	41	39	40	38	41	40	39	39	39	39	39	39	37	40	38	38	38	38	38	39	40	40	39	40	39	41	41	39	40	40			
Total Co-Gen		59	58	57	57	56	57	58	57	55	55	56	56	57	55	56	55	57	54	55	53	58	56	55	54	54	54	52	54	54	51	54	52	53	53	52	54	56	54	55	54	54	55	56	53	54	55				
Total Gen		12622	12339	12192	11863	11618	11330	11116	11093	10829	10803	10661	10742	10582	10728	10573	10189	9932	10230	10483	10771	11145	11371	11517	11656	11502	11731	11461	11704	11683	11873	11794	11940	11949	11966	11984	11633	11534	11562	11689	12517	13140	13074	13162	12953	12785	12711	12602	12361		
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		31	30	30	30	30	30	31	31	31	31	31	31	29	29	30	30	30	30	30	30	31	31	31	31	30	30	31	31	30	30	31	31	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	30		
TIE-PLTG		5	-32	-6	46	4	17	-6	-23	46	12	-16	47	-93	86	67	87	13	89	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3		
Interconnection		36	-2	24	76	34	48	24	7	77	43	14	77	-62	116	98	118	43	119	27	27	28	27	27	28	28	28	28	28	28	27	27	28	28	27	28	28	28	27	27	28	27	27	28	28	28	28	28	28	28	
System Total		12586	12341	12078	11787	11584	11282	11092	11086	10752	10760	10647	10665	10644	10612	10475	10062	9889	10111	10456	10744	11117	11344	11490	11628	11474	11703	11433	11676	11655	11846	11767	11912	11921	11939	11956	11605	11506	11535	11632	12489	13113	13047	13135	12925	12757	12683	12574	12333		
SRev ST-Coal		36	24	31	187	263	652	412	468	533	148	142	143	48	199	167	302	424	593	628	332	117	94	65	60	100	103	166	108	106	145	281	305	383	315	236	244	211	180	204	-18	-6	-22	-5	206	199	201	201	-3		
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	54	17	22	17	17	49	154	148	80	0
SRev CCGT-Gas		620	536	626	709	876	1077	1536	1363	1526	1404	1548	1470	1571	1261	1494	1642	1460	991	501	323	514	662	556	404	524	305	342	251	315	323	367	198	275	254	295	604	529	569	649	400	180	254	152	488	440	106	188	284		
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		17	18	19	19	20	20	19	18	19	21	21	21	20	20	19	21	20	21	19	22	21	23	18	20	21	22	22	22	24	22	22	25	22	24	23	23	24	22	20	22	21	22	22	21	20	23	22	21		
Syncon		453	629	629	629	629	629	478	629	629	629	629	629	629	629	629	629	629	478	327	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239		
Hydro		261	99	98	98	99	137	236	105	114	100	106	99	111	124	128	126	107	117	426	567	621	618	612	628	621	607	647	603	634	475	590	572	425	491	537	644	465	451	516	510	462	499	488	632	624	283	230	342		
S.Reserve Total		1387	1306	1493	1642	1887	2515	2681	2583	2821	2302	2446	2362	2379	2233	2437	2720	2640	2351	2052	1571	1512	1636	1490	1351	1505	1276	1416	1223	1318	1204	1499	1339	1344	1323	1330	1754	1707	1700	1921	1409	1004	1097	1001	1723	1764	1088	1199	1122		