

**Availability at Daily Maximum Demand Hour**

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,015 MW
Hydro	1,891 MW
Distillate	0 MW
Total TNB	7,286 MW
Total IPP	9,846 MW
Total Co-Gen	76 MW
Total System	17,778 MW

**Generation Mix**

Type	MWh	Percentage
ST-Coal	32,302	10.28 %
Gas	56,239	17.90 %
Hydro	32,777	10.43 %
<b>Total TNB</b>	<b>121,318</b>	<b>38.61 %</b>
ST-Coal	98,306	31.28 %
Gas	93,978	29.91 %
<b>Total IPP</b>	<b>192,284</b>	<b>61.19 %</b>
Co-Gen	1,734	0.55 %
<b>Total Co-Gen</b>	<b>1,734</b>	<b>0.55 %</b>
<b>Total Generation</b>	<b>315,336</b>	<b>100.35 %</b>
PLTG	462	0.15 %
EGAT	-3	0.00 %
HVDC	638	0.20 %
<b>Interconnection</b>	<b>1,097</b>	<b>0.35 %</b>
<b>Net Energy</b>	<b>314,239</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:	16:00:00 Hour
Total Set On Bus	16,368 MW
TNB Generation	5,978 MW
IPP Generation	9,410 MW
Spinning Reserve	909 MW
Maximum Demand	15,427 MW
Net Energy	314,239 MWH
Load Factor	84.87 %

**Fuel Cost**

Total Cost:	42,799,562.32 RM
Cost per Unit	15.14 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	811
Hydro	144
Syncon	0
Thermal	35
<b>Total</b>	<b>990</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

**Gas Usage**

Station	(mmscfd)
CBPS	24
GLGR	56
PAKA	50
PGGS	2
PGPS	50
SRDG	37
TJGS	217
<b>Total TNB</b>	<b>436</b>

KLPP	103
MPSS	56
PDPS	36
PGLA	110
PKLG	16
PTEK	35
SGB3	66
SGRI	194
SKSP	49
YPGS	60
YPKA	37
<b>Total IPP</b>	<b>762</b>

<b>Total Gas</b>	<b>1,197</b>
<b>Total Gas Required</b>	<b>1,197</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	11633	11015	10759	10543	10076	10093	10533	10751	11403	13223	14058	14775	14734	14457	15035	15315	15427	14980	13932	13588	14738	14644	14212	13727

### Daily MW Generation on Monday

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	702	703	701	696	703	703	703	702	705	704	705	701	702	704	702	699	703	701	699	703	700	701	703	698	702	694	702	700	700	699	699	699	698	703	698	700	703	702	704													
JMAH	U002	702	703	699	705	703	714	703	703	710	706	705	703	699	701	702	702	705	698	704	704	702	704	704	702	703	705	701	700	698	699	702	700	700	701	700	704	699	705	706	702	704	706	705	710	702	705	705	705				
JMJG	U001	675	673	676	677	677	673	673	657	646	678	672	675	702	693	676	677	683	683	673	677	673	674	673	673	674	671	669	680	680	673	673	678	676	673	674	678	669	672	678	672	671	673	677	674	678	678	672					
JMJG	U003	676	673	668	672	670	666	670	640	640	640	672	673	672	698	686	671	672	678	678	664	674	672	672	673	673	677	672	668	667	673	669	672	674	670	671	668	671	671	672	667	677	666	669	674	677	664	679	671	669			
PKLG	U003	277	280	276	284	285	287	283	279	281	283	280	280	282	282	284	283	277	281	283	276	281	281	283	279	281	275	271	275	277	283	281	285	281	279	279	277	277	281	279	274	279	273	281	279	278	281	280					
PKLG	U004	282	284	282	282	284	282	286	280	280	282	283	283	283	281	282	283	284	282	282	283	282	281	283	283	283	283	287	281	279	281	283	284	282	281	284	284	283	281	281	280	282	280	280	286	282	281	285					
PKLG	U005	466	467	466	466	468	468	468	468	468	468	471	469	465	465	469	469	465	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469	469				
PKLG	U006	271	268	268	268	271	271	268	268	271	268	268	268	270	270	268	268	270	271	268	268	270	271	268	268	270	269	269	267	268	268	268	271	268	268	268	271	275	268	268	271	275	268	271	267	267	267						
TBIN	U001	696	698	697	695	696	700	697	697	697	696	695	694	697	698	697	695	697	693	697	696	697	697	695	695	695	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696				
TBIN	U002	697	697	696	698	697	700	694	699	699	700	700	694	701	699	700	696	700	697	700	698	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699	699			
Total ST-Coal		5444	5446	5429	5443	5454	5464	5445	5393	5397	5457	5452	5445	5493	5479	5448	5452	5460	5447	5440	5457	5428	5448	5443	5442	5447	5442	5435	5421	5428	5433	5435	5446	5431	5441	5433	5443	5440	5432	5450	5435	5423	5434	5439	5455	5433	5458	5442	5438				
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total 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	0	
GLGR	GT01	110	110	111	85	75	74	74	74	74	74	75	74	74	73	75	79	111	112	111	110	110	110	109	109	107	108	107	108	107	107	108	107	108	108	108	108	108	108	108	109	108	109	109	109	109	109	109	110	110			
GLGR	GT02	110	110	111	85	73	73	73	73	74	74	73	74	73	74	78	112	112	111	111	111	111	111	110	110	109	110	109	109	109	108	108	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109		
GLGR	ST1C	101	101	101	86	61	60	61	60	60	60	60	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60			
KLPP	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	25	25	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
KLPP	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
KLPP	GT13	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	119	146	153	152	152	154	153	148	152	152	152	151	152	152	151	152	151	152	151	149	114	116	125	150	150	151	151	151	152	151	152	151	152	151	151	
KLPP	GT14	111	111	111	111	111	111	94	94	78	78	78	78	78	78	78	81	81	139	139	153	153	154	154	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	
KLPP	GT15	115	115	115	114	114	75	75	76	76	76	77	77	77	76	112	138	142	144	144	143	143	144	144	142	142	143	143	142	146	147	141	141	145	146	146	115	115	127	139	143	142	142	143	143	143	142	143	142	142			
KLPP	ST17	171	116	117	117	117	103	89	88	88	88	88	88	88	88	88	89	92	109	189	195	227	227	230	223	227	223	227	227	227	227	227	227	227	227	229	229	227	227	229	203	203	211	227	227	227	227	227	227	202	202		
MPSS	GT01	106	106	99	70	69	72	71	72	69	67	68	68	68	68	69	90	105	105	104	104	103	102	103	101	101	101	100	100	100	100	100	100	100	100	100	100	99	82	83	84	85	84	84	84	84	84	83	82	84	84		
MPSS	GT02	111	110	100	71	74	73	72	73	72	72	70	71	71	71	70	73	90	111	111	110	109	108	108	108	107	107	106	106	106	109	106	105	105	106	83	84	85	85	85	83	86	86	86	85	86	85	86	84	85			
MPSS	ST01	101	101	99	60	60	60	60	60	64	64	64	64	64	64	64	65	80	114	116	116	116	116	116	115	115	115	114	114	114	114	114	114	114	114	114	114	87	86	86	85	85	85	85	84	84	83	83	84				
PAKA	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	67	61	59	59	60	60	50	61	60	61	88	88	88	88	88	88	88	88	88	88	89	89	90	91	90	90	90	90	90	90	90	90	90	90	90	
PAKA	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	ST1C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	GT3A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	59	60	59	59	59	60	59	60	81	81	82	81	82	81	82	82	81	81	82	81	81	82	81	82	82	81	82	83	83	83
PAKA	GT3B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	ST3C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGLA	GT11	167	173	175	213	172	167	168	161	155	164	169	206																																								



### Daily MW Generation on Monday

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	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
MNOR	HY01	7	7	7	7	3	3	3	3	3	3	3	3	3	7	8	8	8	8	8	8	8	8	8	8
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	130	110	112	112	113	113	112	112	23	114	114
PGAU	HY02	-1	-1	-1	-1	-1	110	-1	-1	-1	-1	-1	-1	-1	-1	134	111	111	111	111	111	111	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	130	110	111	111	110	110	94	-1	-1
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	110	130	110	110	110	110	110	-1	-1	111
SIHY	HY01	49	50	50	30	0	0	0	0	0	0	0	0	0	36	50	50	50	50	50	50	50	30	50	50
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	30
SIHY	HY03	50	50	50	30	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	49	30	50	50	50
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25
SYPS	HY03	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25
SYPS	HY04	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25
TMGR	HY01	87	85	85	86	85	83	85	81	79	83	84	87	88	88	86	89	86	88	88	89	89	88	88	88
TMGR	HY02	93	92	93	93	92	90	92	89	87	91	92	92	92	93	92	91	92	93	91	92	92	92	92	92
TMGR	HY03	91	91	91	91	91	91	90	88	91	91	91	91	91	90	90	91	91	91	91	91	91	91	91	91
TMGR	HY04	85	85	84	85	85	85	85	83	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
UPIA	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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		1175	1090	1090	1055	988	998	1096	968	956	1009	982	991	998	1048	1037	1031	1041	1281	1682	1604	1609	1612	1608	1610
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	38	38	38	39	39	40	38	38	37	38	39	38	38	39	39	37	37	36	37	37	34	36	38	36
PCUF	CUPK	34	35	34	35	36	37	36	36	36	37	35	35	35	37	36	36	35	35	36	34	34	33	33	32
Total Co-Gen		72	73	72	74	75	77	74	74	73	74	76	73	73	76	75	75	72	72	72	71	71	67	69	70
Total Gen		11647	11270	11028	10993	10748	10505	10522	10337	10129	10151	10130	10336	10569	10949	10847	10849	11419	12490	13302	13730	14149	14468	14763	14897
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		-30	-30	-30	30	31	31	30	30	30	30	30	30	30	31	31	31	31	31	31	30	30	31	31	30
TIE-PLTG		44	-28	42	28	-42	-12	-51	40	23	7	7	22	6	37	66	-34	-15	75	45	34	60	6	-43	4
Interconnection		14	-58	13	58	-11	19	-21	70	53	37	37	52	36	67	96	-3	16	106	75	65	91	37	-12	35
System Total		11633	11328	11015	10935	10759	10486	10543	10267	10076	10114	10093	10284	10533	10882	10751	10852	11403	12384	13227	13665	14058	14431	14775	14862
SRev ST-Coal		40	38	55	41	30	20	39	91	87	27	32	39	9	36	32	24	37	44	27	56	36	41	42	37
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
SRev CCGT-Gas		853	523	747	775	905	1170	1229	1234	1433	1525	1516	1309	1131	873	1333	1328	1279	670	326	556	539	298	175	221
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
SRev Co-Gen		4	3	4	2	1	-1	2	2	3	2	0	3	3	0	1	1	4	4	5	5	9	7	6	9
Syncon		453	453	455	453	453	302	302	453	453	302	453	453	453	453	453	453	151	0	0	0	0	0	0	0
Hydro		54	59	59	94	61	202	104	81	93	191	67	58	51	51	62	68	58	170	132	211	206	203	207	205
S.Reserve Total		1404	1076	1318	1365	1450	1693	1676	1861	2069	2047	2068	1862	1629	1385	1884	1882	1815	1032	502	1043	1270	951	1106	1052