

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,000 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,354 MW
Hydro	1,904 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,258 MW</b>
<b>Total IPP</b>	<b>11,339 MW</b>
<b>Total Co-Gen</b>	<b>62 MW</b>
<b>System Total</b>	<b>19,659 MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 16:00

TNB Generation	6,115 MW
IPP Generation	9,283 MW
Total Set On Bus	16,612 MW
Maximum Demand	15,504 MW
Spinning Reserve	1,152 MW
Net Energy	332,711 MWH
Load Factor	89.4 %
Total Cost	57,940,683 RM
Cost per Unit	18.04 cents/kWH

**Maximum Demand Record**

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 MWH

**Hourly System MW Generation**

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	14222	13557	13075	12629	12207	12265	12099	11888	12112	13711	14494	15064	14957	14524	14821	15374	15504	15023	14016	13780	14412	14752	14399	14069

**Gas Usage**

Station	(mmscfd)
CBPS	7
GLGR	59
PAKA	190
PGPS	47
SRDG	25
TJGS	203
<b>TNB Total</b>	<b>530</b>
KLPP	103
MPSS	57
PDPS	8
PGLA	101
PKLG	22
PLPS	99
PTEK	7
SGRI	181
SKSP	51
YPGS	66
YPKA	128
<b>IPP Total</b>	<b>822</b>
<b>Total Gas</b>	<b>1,353</b>

Total Gas Required : 1,353  
Gas Calorific Value : 38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,777.00	14.36 %
Gas	68,380.00	20.55 %
Hydro	11,548.00	3.47 %
<b>Total TNB</b>	<b>127,705.0</b>	<b>38.38 %</b>
ST-Coal	93,328.0	28.05 %
ST-Gas	2,129.0	0.64 %
ST-Oil	3,173.0	0.95 %
Gas	104,424.0	31.39 %
<b>Total IPP</b>	<b>203,054.0</b>	<b>61.03 %</b>
Co-Gen	1,523.0	0.46 %
<b>Total Co-Gen</b>	<b>1,523.0</b>	<b>0.46 %</b>
<b>Total Generation</b>	<b>332,282.0</b>	<b>99.87 %</b>
PLTG	270.0	0.08 %
HVDC	-699.0	-0.21 %
<b>Interconnection</b>	<b>-429.0</b>	<b>-0.13 %</b>
<b>Net Energy</b>	<b>332,711.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	437
Hydro	209
Syncon	502
Thermal	62
<b>Total</b>	<b>1210</b>

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

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																											
PKLG	U003	281	281	281	281	281	282	281	281	281	282	281	281	282	282	282	282	280	283	283	281	281	283	282	281	282	282	281	282	281	280	278	282	282	282	282																
PKLG	U004	285	286	284	282	282	279	280	280	282	279	279	282	276	280	289	282	282	282	284	284	280	282	282	282	282	285	283	281	282	281	279	279	276	277	279	280	280														
PKLG	U005	197	215	232	236	261	289	330	344	354	287	280	284	316	373	407	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
PKLG	U006	466	469	469	466	466	466	467	467	464	464	466	467	461	464	461	468	474	467	467	467	467	467	467	467	466	466	466	466	466	469	466	466	469	466	466	466															
JM/G	U001	655	664	673	683	688	685	683	683	685	683	682	685	685	686	658	634	683	685	685	687	685	689	685	679	684	685	684	685	682	658	662	662	680	686	685	684	688	684	666	681	684	685	678	682	680	680	678	681			
JM/G	U002	643	646	643	649	643	642	645	662	640	649	645	640	640	647	646	637	642	651	646	642	643	649	645	634	638	644	648	642	644	638	647	642	644	648	643	643	645	645	645	647	644	643	648	640	645	645	656	646			
JM/G	U003	640	645	640	665	670	675	679	678	676	674	678	675	677	677	660	632	675	674	677	678	675	663	645	677	681	676	677	678	678	676	676	677	667	660	661	660	665	663	660	663	661	662	660	662	660	663	665	667			
TBIN	U001	672	673	674	673	675	676	673	674	674	674	670	671	670	650	633	671	673	669	673	674	674	672	673	673	672	673	671	673	671	673	673	673	675	674	673	672	674	673	672	674	673	672	674	673	672	674	673	672	673		
TBIN	U002	697	697	696	697	700	693	696	694	696	695	699	693	698	690	669	635	699	697	698	695	699	698	695	696	697	697	694	697	698	695	698	700	694	699	699	699	697	695	701	699	696	695	697	699	700	698	695	692			
JMAH	U001	702	701	701	701	701	706	701	700	702	706	702	696	702	699	678	634	702	701	700	702	711	701	703	702	705	702	701	701	701	702	699	703	701	702	700	703	702	703	702	702	701	703	703	702	702	701	703	703	702	692	705
JMAH	U002	719	703	701	702	705	701	703	702	704	702	702	702	707	698	673	635	700	695	706	697	705	701	700	703	701	699	706	702	706	705	702	703	706	704	717	711	702	703	704	702	701	702	699	704	706	698	705	702			
Total ST-Coal		5957	5980	5994	6035	6072	6094	6138	6161	6156	6099	6090	6066	6123	6159	6071	5846	5804	5805	5816	5803	5825	5806	5778	5793	5808	5805	5814	5809	5817	5775	5787	5791	5792	5800	5809	5804	5803	5797	5785	5797	5790	5789	5787	5782	5795	5786	5791	5793			
PKLG	U002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	
PKLG	U002	276	240	165	146	146	146	146	146	146	146	146	146	146	151	150	151	150	0	0	0	0	0	0	0	0	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-Oil		276	240	165	146	146	146	146	146	146	146	146	146	146	151	150	151	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CBPS	GT1A	98	98	81	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CBPS	GT1B	96	97	88	88	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CBPS	ST1C	103	103	90	69	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	106	105	105	106	106	92	66	65	65	66	67	66	64	64	67	65	89	105	105	105	104	104	104	104	104	104	104	101	103	103	102	103	103	103	103	104	103	103	103	104	104	105	105	105	105	105	105	105	105		
GLGR	GT02	111	111	111	112	112	92	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68		
GLGR	ST1C	100	100	100	100	101	93	72	71	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71		
KLPP	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT13	150	150	144	118	118	75	76	76	75	77	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75		
KLPP	GT14	150	144	152	152	115	115	98	98	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75		
KLPP	GT15	147	150	143	115	115	79	75	74	74	74	74	73	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73	74	73		
KLPP	ST17	209	207	207	183	182	169	142	140	140	140	140	140	140	143	134	140	142	178	186	194	207	211	207	218	216	216	214	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	
MPSS	GT01	105	105	100	63	64	63	63	62	64	65	62	62	64	63	62	64	68	107	105	102	102	101	101	100	101	100	100	99	99	99	99	99	99	100	100	100	100	100	101	101	102	102	103	104	105	105	105	105	105	105	
MPSS	GT02	109	109	100	65	66	66	66	67	66	66	66	65	66	67	66	66	67	108	108	108	108	108	108	107	107	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
MPSS	ST01	116	116	114	67	60	60	59	59	59	59	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58		
PAKA	GT1A	90	90	77	65	65	66	65	65	64	66	65	65	66	64	67	67	65	65	67	65	67	88	87	87	87	88	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87		
PAKA	GT1B	88	88	77	64	65	66	64	64	63	66	65	63	64	63	64	66	64	66	64	65	87	85	85	85	85	85	85	84	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
PAKA	ST1C	80	80	78	69	69	69	69	68	69	68																																									



