

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,030	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,093	MW
Hydro	1,647	MW
Distillate	0	MW
<b>Total TNB</b>	<b>7,770</b>	<b>MW</b>
<b>Total IPP</b>	<b>11,029</b>	<b>MW</b>
<b>Total Co-Gen</b>	<b>0</b>	<b>MW</b>
<b>System Total</b>	<b>18,799</b>	<b>MW</b>

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

At Daily Maximum Demand Hour : 20:30		
TNB Generation	4,851	MW
IPP Generation	9,338	MW
Total Set On Bus	15,173	MW
Maximum Demand	14,268	MW
Spinning Reserve	904	MW
Net Energy	310,885	MWH
Load Factor	90.8	%
Total Cost		RM
Cost per Unit		cents/kWH

**Maximum Demand Record**

<b>Date :</b>	11/06/2014	16,901.0 MW
<b>Date :</b>	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	13399	12806	12459	11950	11647	11526	11440	11300	11094	12258	13181	13781	13781	13502	13834	13738	13829	13492	13074	13116	14170	14085	13822	13489

**Gas Usage**

Station	(mmscfd)
CBPS	2
GLGR	59
PAKA	7
PGPS	39
SRDG	21
TJGS	220
<b>TNB Total</b>	<b>348</b>
KLPP	99
MPSS	56
PDPS	16
PGLA	111
PKLG	72
PLPS	97
PTEK	9
SGRI	187
SKSP	53
YPGS	68
YPKA	129
<b>IPP Total</b>	<b>896</b>
<b>Total Gas</b>	<b>1,244</b>
<b>Total Gas Required :</b>	<b>1,244</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	47,951.00	15.42 %
Gas	47,048.00	15.13 %
Hydro	7,022.00	2.26 %
<b>Total TNB</b>	<b>102,021.0</b>	<b>32.82 %</b>
ST-Coal	92,802.0	29.85 %
ST-Gas	6,426.0	2.07 %
Gas	107,594.0	34.61 %
<b>Total IPP</b>	<b>206,822.0</b>	<b>66.53 %</b>
Co-Gen	1,178.0	0.38 %
<b>Total Co-Gen</b>	<b>1,178.0</b>	<b>0.38 %</b>
<b>Total Generation</b>	<b>310,021.0</b>	<b>99.72 %</b>
PLTG	-165.0	-0.05 %
HVDC	-699.0	-0.22 %
<b>Interconnection</b>	<b>-864.0</b>	<b>-0.28 %</b>
<b>Net Energy</b>	<b>310,885.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	288
Hydro	149
Syncon	606
Thermal	64
<b>Total</b>	<b>1107</b>

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33





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 Co-Gen		38	41	39	39	39	40	41	43	40	41	40	40	44	40	42	41	42	44	41	44	40	55	63	79	83	80	82	80	81	81	81	83																			
Total Gen		13360	13211	12816	12599	12398	12046	11891	11801	11568	11530	11510	11382	11383	11475	11249	10865	11009	11796	12285	12646	13135	13410	13764	13858	13774	13879	13467	13556	13786	13765	13750	13768	13779	13647	13519	13235	13034	13009	13152	13765	14154	14269	14042	13939	13775	13531	13441	13371			
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	0	0
TIE-HVDC		-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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		-10	4	39	62	-32	10	-30	-20	-50	50	13	6	-28	-55	-23	-11	-56	3	56	-24	-17	-41	12	-35	22	45	-5	-18	-18	-15	41	-35	-21	-19	56	16	-10	5	65	-141	13	30	-13	-30	-18	-43	-18	-43			
Interconnection		-39	-25	10	33	-61	-19	-59	-49	-79	21	-16	-23	-57	-83	-51	-40	-85	-26	27	-53	-46	-70	-17	-64	-7	15	-35	-48	-48	-44	12	-64	-50	-48	27	-14	-40	-24	36	-170	-16	1	-43	-59	-47	-73	-48	-72			
<b>System Total</b>		<b>13399</b>	<b>13236</b>	<b>12806</b>	<b>12566</b>	<b>12459</b>	<b>12065</b>	<b>11950</b>	<b>11850</b>	<b>11647</b>	<b>11509</b>	<b>11526</b>	<b>11405</b>	<b>11440</b>	<b>11558</b>	<b>11300</b>	<b>10905</b>	<b>11094</b>	<b>11822</b>	<b>12258</b>	<b>12699</b>	<b>13181</b>	<b>13480</b>	<b>13781</b>	<b>13922</b>	<b>13781</b>	<b>13564</b>	<b>13502</b>	<b>13604</b>	<b>13834</b>	<b>13809</b>	<b>13738</b>	<b>13832</b>	<b>13829</b>	<b>13695</b>	<b>13492</b>	<b>13249</b>	<b>13074</b>	<b>13033</b>	<b>13116</b>	<b>13935</b>	<b>14170</b>	<b>14268</b>	<b>14085</b>	<b>13998</b>	<b>13822</b>	<b>13604</b>	<b>13489</b>	<b>13443</b>			
SRev ST-Coal		56	116	125	127	118	121	117	54	44	71	62	39	32	51	53	63	53	61	51	52	74	67	62	53	57	51	53	44	58	49	63	46	42	58	59	64	50	50	64	23	75	42	57	65	46	54	55	47			
SRev ST-Gas		0	25	46	46	46	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	0	9	13	12	10	12	12	9	13	13	13	13	13	9	3	-1	-1	3	-1	-1	3	3	3	3	3	3	12	30	0	0			
SRev CCGT-Gas		407	224	456	612	700	1008	1101	1094	1302	1197	1131	1247	1298	1171	1346	1702	1641	1109	956	650	258	113	116	172	166	268	336	370	128	127	131	128	132	130	118	253	452	483	496	175	125	95	103	84	79	139	149	227			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	7	35	39	112	144	175	104	72	86	53	53	37	56	76	28	28	28	28	162	8	61	133	136	87	134	0	0				
SRev Co-Gen		38	35	37	37	37	36	35	33	36	35	36	36	37	34	35	35	37	35	35	36	35	36	36	32	36	34	35	34	32	35	32	36	34	33	35	36	21	13	-3	-7	-4	-6	-4	-5	-5	-5	-7				
Syncon		719	820	719	719	719	568	618	618	618	467	618	618	618	618	618	618	618	467	618	719	719	569	569	569	569	569	569	569	418	569	569	719	720	719	719	719	719	719	467	467	467	467	719	719	569	719	719				
Hydro		143	135	206	150	128	227	127	120	157	249	108	122	97	112	164	181	108	137	133	146	148	128	137	133	150	141	150	257	137	156	133	114	112	119	130	98	117	153	239	219	239	240	122	115	107	109	111	105			
<b>S.Reserve Total</b>		<b>1363</b>	<b>1355</b>	<b>1589</b>	<b>1691</b>	<b>1748</b>	<b>1952</b>	<b>1990</b>	<b>1912</b>	<b>2145</b>	<b>2011</b>	<b>1945</b>	<b>2073</b>	<b>2072</b>	<b>1980</b>	<b>2206</b>	<b>2590</b>	<b>2446</b>	<b>1802</b>	<b>1793</b>	<b>1611</b>	<b>1356</b>	<b>931</b>	<b>965</b>	<b>1014</b>	<b>1098</b>	<b>1218</b>	<b>1330</b>	<b>1241</b>	<b>1011</b>	<b>1032</b>	<b>1147</b>	<b>1102</b>	<b>1081</b>	<b>1115</b>	<b>1134</b>	<b>1200</b>	<b>1401</b>	<b>1453</b>	<b>1310</b>	<b>1046</b>	<b>910</b>	<b>904</b>	<b>1131</b>	<b>1118</b>	<b>895</b>	<b>1180</b>	<b>1029</b>	<b>1091</b>			