

**Availability At Daily Maximum Demand Hour**

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,285 MW
Hydro	1,747 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,102 MW</b>
<b>Total IPP</b>	<b>11,057 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>System Total</b>	<b>19,444 MW</b>

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

At Daily Maximum Demand Hour : 14:30

TNB Generation	6,039 MW
IPP Generation	9,483 MW
Total Set On Bus	16,649 MW
Maximum Demand	15,618 MW
Spinning Reserve	1,070 MW
Net Energy	328,049 MWH
Load Factor	87.5 %
Total Cost	52,822,700 RM
Cost per Unit	16.52 cents/kWH

**Maximum Demand Record**

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

**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	13319	12539	12189	11717	11484	11390	11503	11717	12006	13756	14721	15344	15268	14925	15458	15616	15344	15012	14094	13846	14685	14409	13933	13462

**Gas Usage**

Station	(mmscfd)
CBPS	51
GLGR	58
PAKA	132
PGPS	41
SRDG	21
TJGS	213
<b>TNB Total</b>	<b>517</b>
KLPP	98
MPSS	51
PDPS	3
PGLA	94
PLPS	92
SGB3	34
SGRI	158
SKSP	37
YPGS	68
YPKA	130
<b>IPP Total</b>	<b>764</b>
<b>Total Gas</b>	<b>1,281</b>
Total Gas Required :	1,281
Gas Calorific Value :	38.500

**Generation Mix**

Type	MWh	Percentage
ST-Coal	48,537.00	14.80 %
Gas	67,161.00	20.47 %
Hydro	7,719.00	2.35 %
<b>Total TNB</b>	<b>123,417.0</b>	<b>37.62 %</b>
ST-Coal	102,384.0	31.21 %
Gas	99,877.0	30.45 %
<b>Total IPP</b>	<b>202,261.0</b>	<b>61.66 %</b>
Co-Gen	1,692.0	0.52 %
<b>Total Co-Gen</b>	<b>1,692.0</b>	<b>0.52 %</b>
<b>Total Generation</b>	<b>327,370.0</b>	<b>99.79 %</b>
PLTG	-1,408.0	-0.43 %
HVDC	729.0	0.22 %
<b>Interconnection</b>	<b>-679.0</b>	<b>-0.21 %</b>
<b>Net Energy</b>	<b>328,049.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	289
Hydro	233
Syncon	586
Thermal	53
<b>Total</b>	<b>1160</b>

**Weather Temperature**

Weather	Temperature
Morning	Sunny 25
Afternoon	Rainy 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																										
TMGR	HY02	23	28	31	26	33	47	34	39	38	35	33	32	37	51	51	50	33	30	28	36	30	41	64	72	37	40	37	81	84	36	34	36	51	38	36	36	35	35	36	38	56	37	35	39	31	43	37	37		
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
TMGR	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UPLA	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	4	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		148	156	162	177	158	182	159	168	262	392	390	385	393	438	410	410	276	273	255	386	446	506	737	783	609	337	218	249	383	381	403	382	400	389	383	164	162	184	193	302	326	327	294	221	199	228	213	180		
PCUF	CUFG	43	44	43	43	43	42	45	44	43	42	43	44	44	43	44	42	43	43	43	43	42	42	43	42	43	42	42	43	42	42	43	42	42	43	44	44	43	43	43	43	43	43	43	42	44	43	43	43		
PCUF	CUFK	41	40	40	39	41	41	42	41	41	40	40	41	41	40	41	40	40	27	9	8	11	16	16	16	15	17	17	16	17	18	18	17	18	16	17	16	18	18	18	18	18	18	18	18	19	19	18	18	18	
Total Co-Gen		84	84	83	82	84	83	87	85	84	82	83	85	85	83	85	82	84	84	83	84	83	82	69	52	50	54	58	58	59	57	59	60	59	59	60	61	61	62	59	60	59	61	61	61	60	63	62	61	61	
Total Gen		13281	12800	12492	12401	12145	11892	11606	11332	11420	11388	11402	11470	11489	11757	11698	11712	12102	13057	13838	14301	14721	14938	15350	15572	15269	15036	14936	15053	15398	15579	15589	15343	15305	15289	14949	14346	14075	13678	13831	14427	14671	14633	14414	14255	13956	13587	13397	13142		
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	30	30	30	30	30	30	30	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	31	31	30	30	31	31	30	31	31	30	30	31	31		
TIE-PLTG		-68	-101	-77	-45	-74	-143	-141	-91	-94	14	-19	-78	-45	-54	-50	-25	66	-29	52	-48	-31	-99	-25	-73	-30	-44	-19	-119	-90	-69	-57	-87	-69	-54	-93	-67	-50	-102	-45	-34	-45	-55	-25	-82	-7	-137	-96	-62		
Interconnection		-38	-71	-47	-15	-44	-113	-111	-61	-64	44	12	-47	-14	-23	-19	6	96	1	82	-18	0	-68	6	-42	1	-13	11	-89	-60	-39	-27	-57	-39	-24	-63	-37	-19	-71	-15	-4	-14	-24	5	-51	23	-107	-65	-31		
System Total		13319	12871	12539	12416	12189	12005	11717	11593	11484	11344	11390	11517	11503	11780	11717	11706	12066	13056	13756	14319	14721	15006	15344	15614	15268	15049	14925	15142	15458	15618	15616	15400	15344	15313	15012	14383	14094	13749	13846	14431	14685	14657	14409	14306	13933	13694	13462	13173		
SRev	ST-Coal	50	98	104	118	119	128	106	52	113	106	123	64	52	19	61	51	69	41	82	36	50	23	60	42	56	43	57	36	59	54	61	55	59	40	60	58	61	60	45	44	48	59	48	44	72	25	40	37		
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	CCGT-Gas	393	484	411	496	735	1001	1292	1451	1590	1693	1726	1718	1719	1527	1518	1511	2059	1633	982	697	235	241	154	133	224	249	217	188	138	114	192	145	129	146	278	393	659	945	813	328	103	133	330	80	328	148	97	101		
SRev	OCGT-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	54	0	22	115	118	82	187	31	46	115	66	73	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev	Co-Gen	-8	-8	-7	-6	-8	-7	-11	-9	-8	-6	-7	-9	-9	-7	-9	-6	-8	-7	-8	-7	-6	7	24	26	22	18	18	17	19	17	16	17	17	16	15	15	14	17	16	17	15	15	15	16	13	14	15	15		
Syncon		720	720	720	569	720	720	720	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619		
Hydro		134	126	120	256	124	100	123	114	121	91	93	98	90	196	73	73	207	210	218	87	183	123	337	291	332	191	104	23	64	116	245	115	97	108	114	108	110	239	129	195	171	321	203	126	148	119	134	117		
S.Reserve Total		1296	1427	1355	1440	1697	1949	2237	2335	2442	2510	2561	2497	2478	2210	2269	2255	2953	2502	1911	1448	1097	1102	1165	1043	1296	1357	1432	1265	1383	1070	1150	1033	1023	1039	1147	1229	1500	1612	1509	1088	926	964	1183	1002	1301	1042	1022	1007		