

### Availability at Daily Maximum Demand Hour

ST-Coal	1,290 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,906 MW
Hydro	1,888 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,084 MW</b>
<b>Total IPP</b>	<b>10,247 MW</b>
<b>Total Co-Gen</b>	<b>76 MW</b>
<b>Total System</b>	<b>17,977 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	31,075	10.60 %
Gas	48,923	16.68 %
Hydro	26,608	9.07 %
<b>Total TNB</b>	<b>106,606</b>	<b>36.35 %</b>
ST-Coal	101,550	34.63 %
Gas	82,859	28.25 %
<b>Total IPP</b>	<b>184,409</b>	<b>62.88 %</b>
Co-Gen	1,764	0.60 %
<b>Total Co-Gen</b>	<b>1,764</b>	<b>0.60 %</b>
<b>Total Generation</b>	<b>292,779</b>	<b>99.83 %</b>
PLTG	206	0.07 %
HVDC	-702	-0.24 %
<b>Interconnection</b>	<b>-496</b>	<b>-0.17 %</b>
<b>Net Energy</b>	<b>293,275</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:	20:00:00 Hour
Total Set On Bus	14,526 MW
TNB Generation	5,150 MW
IPP Generation	8,440 MW
Spinning Reserve	863 MW
Maximum Demand	13,713 MW
Net Energy	293,275 MWH
Load Factor	89.11 %

### Fuel Cost

Total Cost:	34,410,626.04 RM
Cost per Unit	12.92 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	530
Hydro	78
Syncon	400
Thermal	19
<b>Total</b>	<b>1,027</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
CBPS	10
GLGR	49
PGPS	50
SRDG	35
TJGS	218
<b>Total TNB</b>	<b>362</b>
KLPP	101
MPSS	49
PDPS	6
PGLA	103
PKLG	6
PTEK	11
SGRI	187
SKSP	46
YPGS	67
YPKA	68
<b>Total IPP</b>	<b>644</b>
<b>Total Gas</b>	<b>1,006</b>
<b>Total Gas Required</b>	<b>1,006</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	12046	11613	11347	11028	10720	10611	10626	10653	10488	11785	12583	13214	13161	12811	13134	13155	13074	12874	12560	12619	13714	13495	13172	12855





**Daily MW Generation on Saturday**

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	HY03	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91																											
TMGR	HY04	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85																											
UPIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
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		1004	998	1009	996	1001	1008	999	1020	1003	997	1003	1019	996	1005	1046	1046	1018	1029	1134	1131	1132	1236	1238	1270	1212	1046	1045	1051	1073	1085	1081	1091	1084	1086	1063	1061	1081	1056	1076	1439	1358	1332	1330	1230	1226	1228	1224	1226			
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	0
PCUF	CUFG	38	38	39	38	40	41	39	39	37	38	38	38	38	40	39	38	37	39	39	38	37	37	37	37	37	37	39	36	37	37	39	37	38	37	39	39	39	40	39	38	38	39	38	37	39	38	38				
PCUF	CUFK	36	34	35	36	38	37	34	37	37	35	35	36	36	33	35	36	37	35	36	36	37	34	36	35	34	34	35	33	36	34	36	36	34	35	36	35	37	36	36	35	35	35	34	36	35	36	36	36			
Total Co-Gen		74	72	74	74	78	78	73	76	74	73	73	74	74	73	74	74	74	74	74	75	74	74	71	73	72	71	71	71	74	69	73	71	75	73	72	72	75	74	76	76	75	73	73	74	72	73	74	74	74		
Total Gen		12032	11748	11555	11257	11231	11061	11049	10721	10600	10525	10617	10498	10596	10551	10678	10547	10499	11151	11747	12089	12562	12932	13221	13321	13194	12893	12838	12986	13101	13141	13137	12973	13095	13056	12873	12680	12562	12354	12570	13565	13663	13618	13533	13331	13126	13049	12820	12556			
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	
TIE-HVDC		-29	-28	-30	-28	-28	-31	-31	-28	-28	-30	-28	-28	-28	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-30	-30	-30	-30	-30	-28	-28	-30	-31	-28				
TIE-PLTG		16	6	-28	-36	-88	-27	52	4	-91	-41	35	-33	-2	55	53	-36	40	-55	-8	7	8	110	36	56	62	4	56	12	-4	33	12	51	51	47	28	41	31	-56	-19	-7	-21	50	68	-49	-18	26	-4	-14			
Interconnection		-14	-21	-58	-64	-116	-55	21	-26	-120	-69	6	-62	-30	27	25	-65	11	-84	-38	-23	-21	80	7	26	33	-25	27	-18	-33	4	-18	21	21	17	-1	11	2	-85	-49	-37	-51	20	38	-77	-46	-5	-35	-42			
System Total		12046	11769	11615	11321	11347	11116	11028	10747	10720	10594	10611	10560	10626	10524	10653	10612	10488	11215	11785	12112	12583	12852	13214	13295	13161	12918	12811	13004	13134	13137	13155	12952	13074	13039	12874	12669	12560	12439	12619	13602	13714	13598	13495	13408	13172	13054	12855	12598			
SRev ST-Coal		3	-7	8	28	-13	29	111	129	76	109	122	127	103	134	121	113	123	86	13	29	9	9	24	24	35	1	30	18	10	4	16	16	19	20	10	24	16	2	19	-26	27	32	62	-15	21	22	-60	82			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	112	153	193	193	182	184	181	180	214	227	222	228	190	236	68	68	68	68	16	27	27	26	232	255	78	113	0				
SRev CCGT-Gas		423	569	457	517	472	607	423	876	1030	1057	952	1090	994	1014	923	1122	1153	986	818	669	347	478	237	258	315	396	419	295	206	263	236	419	279	247	371	394	539	738	525	425	413	447	493	340	374	300	572	421			
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		2	4	2	2	-2	-2	3	0	2	3	3	2	2	3	2	2	2	2	1	2	2	5	3	4	5	5	5	2	7	3	5	1	3	4	4	1	2	0	0	1	3	3	2	4	3	2	2	2			
Syncon		453	453	453	453	453	302	453	302	453	453	302	453	453	302	453	453	453	453	453	453	453	302	453	453	302	453	453	302	453	453	302	453	453	302	453	453	0	302	302	302	453	453	453	453	453	453					
Hydro		38	44	33	46	41	185	43	173	39	45	39	174	46	37	172	172	49	38	33	36	35	36	34	153	35	51	52	46	175	62	66	182	189	186	58	60	198	72	102	292	91	97	99	47	51	49	52	50			
S.Reserve Total		919	1063	953	1046	951	1121	1033	1480	1600	1667	1569	1695	1598	1641	1520	1711	1780	1565	1318	1189	926	1093	904	934	1036	1088	1143	995	880	999	1003	1142	1020	949	1132	1000	1125	1333	1167	708	853	908	984	1061	1157	904	1132	1008			