

### Availability at Daily Maximum Demand Hour

ST-Coal	1,340 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,564 MW
Hydro	1,843 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,747 MW</b>
<b>Total IPP</b>	<b>10,500 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>17,811 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	33,011	10.34 %
Gas	53,285	16.69 %
Hydro	28,983	9.08 %
<b>Total TNB</b>	<b>115,279</b>	<b>36.11 %</b>
ST-Coal	101,948	31.94 %
Gas	100,029	31.34 %
<b>Total IPP</b>	<b>201,977</b>	<b>63.27 %</b>
Co-Gen	1,746	0.55 %
<b>Total Co-Gen</b>	<b>1,746</b>	<b>0.55 %</b>
<b>Total Generation</b>	<b>319,002</b>	<b>99.93 %</b>
PLTG	202	0.06 %
EGAT	-19	-0.01 %
HVDC	-397	-0.12 %
<b>Interconnection</b>	<b>-214</b>	<b>-0.07 %</b>
<b>Net Energy</b>	<b>319,216</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:	14:30:00 Hour
Total Set On Bus	16,101 MW
TNB Generation	5,660 MW
IPP Generation	9,417 MW
Spinning Reserve	956 MW
Maximum Demand	15,155 MW
Net Energy	319,216 MWH
Load Factor	87.76 %

### Fuel Cost

Total Cost:	44,432,447.35 RM
Cost per Unit	15.32 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	629
Hydro	237
Syncon	190
Thermal	29
<b>Total</b>	<b>1,085</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

### Gas Usage

Station	(mmscfd)
CBPS	26
GLGR	31
PAKA	53
PGPS	42
SRDG	36
TJGS	212
<b>Total TNB</b>	<b>399</b>
KLPP	102
MPSS	61
PDPS	29
PGLA	98
PKLG	12
PTEK	20
SGB3	83
SGRI	195
SKSP	49
YPGS	68
YPKA	67
<b>Total IPP</b>	<b>783</b>
<b>Total Gas</b>	<b>1,182</b>
<b>Total Gas Required</b>	<b>1,182</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	12614	11981	11739	11438	11098	11022	11089	11250	11773	13557	14352	15054	14988	14614	15029	15129	15048	14667	13691	13709	14384	14106	13352	13159







Daily MW Generation on Tuesday

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																												
PGAU	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																												
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																												
PGAU	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																												
PGAU	HY04	-1	-1	-1	30	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																												
SIHY	HY01	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
SIHY	HY02	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
SIHY	HY03	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
SYPS	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																												
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
SYPS	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																												
TMGR	HY01	90	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89																												
TMGR	HY02	92	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93																												
TMGR	HY03	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92																												
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																												
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5																												
Total Hydro		1139	1141	1137	1167	1006	1003	1022	1000	999	1002	994	1029	998	991	1011	990	989	1006	1211	1356	1360	1375	1334	1339	1338	1133	1100	1121	1202	1543	1543	1532	1533	1519	1287	1089	1005	991	1014	1517	1613	1602	1527	1452	1321	1266	1033	1000				
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	0
PCUF	CUFG	39	38	40	40	38	39	39	38	38	38	38	37	39	39	38	39	37	35	36	35	36	35	35	33	37	36	37	36	34	36	38	34	34	35	36	35	35	36	36	35	34	34	36	35	35	36	36	36	36			
PCUF	CUFK	39	40	39	39	38	39	39	39	40	40	40	39	41	39	40	39	39	40	38	35	32	32	32	32	32	32	31	33	32	32	31	31	31	33	35	35	34	35	34	36	35	36	36	37	38	39	38	38				
Total Co-Gen		78	78	79	79	76	78	77	78	78	78	76	80	78	78	77	74	75	75	74	70	67	65	69	68	69	67	67	67	68	70	65	65	66	69	70	70	70	71	69	70	69	72	71	72	74	75	74	74				
Total Gen		12566	12349	11980	11879	11823	11529	11404	11364	11115	11070	10986	11027	11064	11154	11289	11249	11676	12613	13497	13939	14333	14776	15039	15063	14958	14613	14647	14745	14996	15145	15133	14987	15035	14935	14711	14282	13885	13638	13651	14386	14424	14384	14374	13856	13413	13365	13033	12883				
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	-29	-30	-30	-30	-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		-18	18	30	42	114	-7	-5	64	46	39	-7	29	4	6	59	-26	-67	-23	-30	-15	11	-28	15	11	-1	81	62	3	-4	18	34	72	17	99	73	98	143	111	-28	53	69	89	98	157	90	-38	-97	-27				
Interconnection		-48	-12	-1	12	84	-37	-34	35	17	10	-36	0	-25	-22	30	-55	-97	-52	-60	-45	-19	-59	-15	-18	-30	51	33	-26	-33	-11	4	43	-13	69	44	69	114	79	-58	23	40	60	68	127	61	-68	-126	-56				
System Total		12614	12361	11981	11867	11739	11566	11438	11329	11098	11060	11022	11027	11089	11176	11250	11304	11773	12665	13557	13984	14352	14835	15054	15081	14988	14562	14614	14771	15029	15156	15129	14944	15048	14866	14667	14213	13691	13559	13709	14363	14384	14324	14106	13729	13352	13433	13159	12939				
SRev ST-Coal		1	19	9	26	30	32	24	20	28	70	23	15	15	24	15	17	21	-3	-35	31	7	-27	-10	0	12	1	9	14	-23	18	42	31	40	43	29	55	32	28	-44	-6	50	37	81	88	138	-15	17	30				
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143	307	164	69	75	75	167	302	321	296	307	319	351	293	208	174	98	101	126	217	224	223	225	276	92	0	0	0	0	0	0	0		
SRev CCGT-Gas		838	559	725	769	514	805	957	978	1219	1177	1348	1284	1176	1256	1404	1419	923	403	452	348	202	305	268	446	504	383	366	227	288	345	532	578	579	551	547	957	1038	730	451	493	532	575	555	690	709	779	769					
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	0	
SRev Co-Gen		-2	-2	-3	-3	0	-2	-2	-1	-2	-2	-2	-2	-2	-2	-1	2	1	1	2	6	9	11	7	8	7	9	9	8	6	11	11	10	7	6	6	6	6	5	7	6	7	4	5	4	2	1	2	2				
Syncon		453	453	453	302	453	453	302	453	453	302	453	453	302	453	453	302	453	302	302	302	302	302	302	302	302	453	453	302	453	151	151	151	151	151	151	302	453	453	0	0	0	0	0	0	151	303	453					
Hydro		38	36	40	160	38	41	168	38	39	36	44	160	40	45	176	46	47	80	110	116	212	197	238	237	238	42	75	205	72	184	188	199	198	212	344	110	39	53	30	276	260	265	345	436	461	215	55	38				
S.Reserve Total		1328	1065	1224	1254	1035	1329	1454	1493	1742	1739	1871	1830	1793	1781	1752	1923	1944	1460	92	1045	1178	844	913	893	1080	1175	1229	1217	1034	956	1051	1275	1271	1203	1256	1118	1593	1709	1396	957	1032	1066	1281	1176	1293	1062	1155	1292				