

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,395 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,033 MW
Hydro	1,822 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,250 MW</b>
<b>Total IPP</b>	<b>11,055 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>19,872 MW</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	50,605	15.34 %
Gas	54,236	16.45 %
Hydro	11,634	3.53 %
<b>Total TNB</b>	<b>116,475</b>	<b>35.32 %</b>
ST-Coal	110,869	33.62 %
Gas	101,978	30.92 %
<b>Total IPP</b>	<b>212,847</b>	<b>64.54 %</b>
Co-Gen	905	0.27 %
<b>Total Co-Gen</b>	<b>905</b>	<b>0.27 %</b>
<b>Total Generation</b>	<b>330,227</b>	<b>100.13 %</b>
PLTG	292	0.09 %
HVDC	136	0.04 %
Interconnection	428	0.13 %
<b>Net Energy</b>	<b>329,799</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	17,317 MW
TNB Generation	6,289 MW
IPP Generation	9,894 MW
Spinning Reserve	1,099 MW
Maximum Demand	16,211 MW
Net Energy	329,799 MWH
Load Factor	84.77 %

**Fuel Cost**

Total Cost:	47,217,109.24 RM
Cost per Unit	14.82 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	402
Hydro	382
Syncon	450
Thermal	41
<b>Total</b>	<b>1,275</b>

Time	Weather	Temperature
Afternoon	Rainy	32
Morning	Sunny	26

**Gas Usage**

Station	(mmscfd)
CBPS	7
GLGR	56
PAKA	48
PGPS	39
SRDG	44
TJGS	219
<b>Total TNB</b>	<b>412</b>
KLPP	105
MPSS	41
PDPS	9
PGLA	105
PLPS	95
PTEK	3
SGRI	198
SKSP	48
YPGS	68
YPKA	121
<b>Total IPP</b>	<b>793</b>
<b>Total Gas</b>	<b>1,206</b>
<b>Total Gas Required</b>	<b>1,206</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	12835	12089	11616	11162	11025	10803	11154	11232	11950	14054	14971	15774	15672	15275	15803	16088	15976	15516	14534	14252	15056	14780	14277	13685

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, March 12, 2015 12:04:34 PM

 (Gurcharan Singh)  
 Pengurus Besar Kanan  
 Jabatan Sistem Operasi





### Daily MW Generation on Monday

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
SIHY	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
SIHY	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	HY01	25	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	25	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
TMGR	HY01	-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	HY02	37	33	32	32	35	35	31	32	32	33	33	33	35	34	31	32	36	33	38	34	33	35	36	30
TMGR	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
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	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
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		291	200	197	175	198	223	174	177	185	178	180	179	184	220	196	200	236	444	527	604	658	776	985	979
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
PCUF	CUFK	36	38	38	37	39	38	37	38	38	40	39	41	40	38	39	42	41	40	39	40	38	37	37	37
Total Co-Gen		36	38	38	37	39	38	37	38	38	40	39	41	40	38	39	42	41	40	39	40	38	37	37	37
Total Gen		12889	12386	12135	11801	11615	11425	11205	11022	11054	10825	10814	10833	11102	11416	11204	11262	11955	13658	14042	14533	15012	15273	15749	15828
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
TIE-HVDC		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-PLTG		54	40	46	-30	-1	-27	43	-35	29	-20	11	-58	-52	0	-28	-55	5	31	-12	48	41	28	-55	
Interconnection		54	40	46	-30	-1	-27	43	-35	29	-20	11	-58	-52	0	-28	-55	5	31	-12	48	41	28	-55	
System Total		12835	12346	12089	11831	11616	11452	11162	11057	11025	10845	10803	10891	11154	11416	11232	11317	11950	13827	14054	14485	14971	15215	15774	15724
SRev ST-Coal		18	22	5	36	99	250	205	240	459	559	463	453	460	431	296	324	266	264	4	32	24	6	17	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	24	7	42	
SRev CCGT-Gas		307	408	673	838	986	849	1064	1110	1160	1287	1293	1287	1014	764	1364	1438	1138	860	429	293	270	281	210	
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
SRev Co-Gen		-4	-6	-6	-5	-7	-6	-5	-6	-6	-8	-7	-9	-8	-6	-7	-10	-9	-8	-7	-8	-6	-5	-5	
Syncon		579	579	579	730	730	730	730	730	730	730	730	730	730	730	579	579	579	478	629	629	629	629	478	
Hydro		219	260	263	134	111	87	136	133	125	131	129	130	125	90	264	260	225	319	83	238	309	291	296	
S.Reserve Total		1119	1263	1514	1733	1919	1910	2130	2207	2468	2699	2608	2591	2321	2009	2496	2591	2199	1913	1138	1240	1250	1209	1038	