

**Availability at Daily Maximum Demand Hour**

ST-Coal	2,280 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,002 MW
Hydro	1,840 MW
Distillate	0 MW
Total TNB	8,122 MW
Total IPP	10,436 MW
Total Co-Gen	88 MW
Total System	18,646 MW

**Generation Mix**

Type	MWh	Percentage
ST-Coal	51,259	15.09 %
Gas	68,647	20.20 %
Hydro	19,851	5.84 %
<b>Total TNB</b>	<b>139,757</b>	<b>41.13 %</b>
ST-Coal	91,791	27.01 %
ST-Oil	10,692	3.15 %
Gas	93,668	27.57 %
Distillate	3,785	1.11 %
<b>Total IPP</b>	<b>199,936</b>	<b>58.84 %</b>
Co-Gen	638	0.19 %
<b>Total Co-Gen</b>	<b>638</b>	<b>0.19 %</b>
<b>Total Generation</b>	<b>340,331</b>	<b>100.16 %</b>
PLTG	-182	-0.05 %
HVDC	734	0.22 %
<b>Interconnection</b>	<b>552</b>	<b>0.16 %</b>
<b>Net Energy</b>	<b>339,779</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	17,272 MW
TNB Generation	6,497 MW
IPP Generation	9,628 MW
Spinning Reserve	1,122 MW
Maximum Demand	16,195 MW
Net Energy	339,779 MWH
Load Factor	87.42 %

**Fuel Cost**

Total Cost:	54,897,648.10 RM
Cost per Unit	17.13 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	518
Hydro	310
Syncon	373
Thermal	69
<b>Total</b>	<b>1,270</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

**Gas Usage**

Station	(mmscfd)
CBPS	6
CBPS	48
GLGR	57
PAKA	151
PGPS	41
SRDG	7
TJGS	214
<b>Total TNB</b>	<b>524</b>

KLPP	77
MPSS	52
PDPS	3
PGLA	89
PKLG	3
PLPS	92
PTEK	14
SGB3	70
SGRI	141
YPGS	69
YPKA	136
<b>Total IPP</b>	<b>746</b>

<b>Total Gas</b>	<b>1,270</b>
<b>Total Gas Required</b>	<b>1,408</b>

**Alternate Fuel Usage**

Station	(mmscfd)
PLPS	3
SGB3	12
SGRI	17
PKLG	105
<b>Total</b>	<b>137</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	13641	12959	12476	12223	11927	11720	12057	12021	12433	14189	14965	15689	15634	15396	15878	16035	16112	15656	14634	14528	15243	15223	14548	14090





