

#### Availability at Daily Maximum Demand Hour

ST-Coal	2,932 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,089 MW
Hydro	1,864 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,885 MW</b>
<b>Total IPP</b>	<b>9,036 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,485 MW</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:	15:30:00 Hour
Total Set On Bus	17,725 MW
TNB Generation	7,851 MW
IPP Generation	8,735 MW
Spinning Reserve	1,085 MW
Maximum Demand	16,718 MW
Net Energy	352,632 MWH
Load Factor	87.89 %

#### Gas Usage

Station	(mmscfd)
CBPS	23
CBPS	48
GLGR	55
PAKA	190
PGPS	43
SRDG	77
TJGS	166
<b>Total TNB</b>	<b>603</b>

#### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

#### Generation Mix

Type	MWh	Percentage
ST-Coal	68,948	19.55 %
Gas	74,001	20.99 %
Hydro	15,736	4.46 %
<b>Total TNB</b>	<b>158,685</b>	<b>45.00 %</b>
ST-Coal	78,706	22.32 %
Gas	113,249	32.12 %
<b>Total IPP</b>	<b>191,955</b>	<b>54.43 %</b>
Co-Gen	1,383	0.39 %
<b>Total Co-Gen</b>	<b>1,383</b>	<b>0.39 %</b>
<b>Total Generation</b>	<b>352,023</b>	<b>99.83 %</b>
PLTG	92	0.03 %
HVDC	-701	-0.20 %
<b>Interconnection</b>	<b>-609</b>	<b>-0.17 %</b>
<b>Net Energy</b>	<b>352,632</b>	<b>100.00 %</b>

#### Fuel Cost

Total Cost:	62,395,633.72 RM
Cost per Unit	18.55 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	376
Hydro	329
Syncon	433
Thermal	48
<b>Total</b>	<b>1,186</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

KLPP	110
MPSS	64
PDPS	40
PGLA	115
PKLG	22
PLPS	110
PTEK	44
SGB3	75
SGRI	106
SKSP	57
YPGS	68
YPKA	102
<b>Total IPP</b>	<b>913</b>
<b>Total Gas</b>	<b>1,516</b>
<b>Total Gas Required</b>	<b>1,516</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	14576	13712	13140	12827	12598	12461	12389	12174	12809	14573	15330	15996	15957	15660	16413	16629	16653	16150	15186	14827	15525	15861	15486	15242





