

## Daily System Generation Summary on Monday

Monday, January 18, 2016

### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,386 MW
Hydro	2,119 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,585 MW</b>
<b>Total IPP</b>	<b>8,977 MW</b>
<b>Total Co-Gen</b>	<b>28 MW</b>
<b>Total System</b>	<b>17,590 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	68,326	20.26 %
Gas	62,451	18.52 %
Hydro	13,414	3.98 %
<b>Total TNB</b>	<b>144,191</b>	<b>42.75 %</b>
ST-Coal	89,929	26.66 %
ST-Gas	10,993	3.26 %
Gas	90,185	26.74 %
<b>Total IPP</b>	<b>191,107</b>	<b>56.66 %</b>
Co-Gen	535	0.16 %
<b>Total Co-Gen</b>	<b>535</b>	<b>0.16 %</b>
<b>Total Generation</b>	<b>335,833</b>	<b>99.57 %</b>
PLTG	-749	-0.22 %
HVDC	-717	-0.21 %
<b>Interconnection</b>	<b>-1,466</b>	<b>-0.43 %</b>
<b>Net Energy</b>	<b>337,299</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:	16:00:00 Hour
Total Set On Bus	17,597 MW
TNB Generation	7,117 MW
IPP Generation	9,269 MW
Spinning Reserve	1,192 MW
Maximum Demand	16,472 MW
Net Energy	337,299 MWH
Load Factor	85.32 %

### Fuel Cost

Total Cost:	49,331,027.60 RM
Cost per Unit	15.30 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	489
Hydro	385
Syncon	389
Thermal	185
<b>Total</b>	<b>1,448</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
CBPS	72
GLGR	54
NPRI	17
PAKA	158
PGGS	11
PGPS	43
SRDG	26
TJGS	112
<b>Total TNB</b>	<b>492</b>

KLPP	121
MPSS	59
PDPS	42
PGLA	114
PKLG	11
PLPS	100
SGB3	54
SGRI	185
SKSP	34
PKLG	109
<b>Total IPP</b>	<b>828</b>
<b>Total Gas</b>	<b>1,320</b>

**Total Gas Required 1,320**

### 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	12691	12048	11727	11381	11082	10940	11238	11458	12032	14092	15098	15808	15939	15596	16013	16401	16472	16041	14896	14519	15669	15704	15216	14583





Daily MW Generation on Monday

Table with columns for Station, Unit, and hourly MW generation from 0000 to 2300. Rows include various power stations like PGPS, PLPS, SGRI, SKSP, TJGS, BSIA, CEND, HTRG, and KNRG.

