

## Daily System Generation Summary on Sunday

Sunday, September 27, 2015

### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,976 MW
Hydro	1,640 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,696 MW</b>
<b>Total IPP</b>	<b>9,421 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,687 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	67,861	23.47 %
Gas	58,258	20.15 %
Hydro	6,867	2.37 %
<b>Total TNB</b>	<b>132,986</b>	<b>45.99 %</b>
ST-Coal	74,665	25.82 %
Gas	80,310	27.77 %
<b>Total IPP</b>	<b>154,975</b>	<b>53.59 %</b>
Co-Gen	1,558	0.54 %
<b>Total Co-Gen</b>	<b>1,558</b>	<b>0.54 %</b>
<b>Total Generation</b>	<b>289,519</b>	<b>100.12 %</b>
PLTG	-393	-0.14 %
HVDC	728	0.25 %
<b>Interconnection</b>	<b>335</b>	<b>0.12 %</b>
<b>Net Energy</b>	<b>289,184</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:	20:00:00 Hour
Total Set On Bus	14,795 MW
TNB Generation	6,382 MW
IPP Generation	7,196 MW
Spinning Reserve	1,155 MW
Maximum Demand	13,512 MW
Net Energy	289,184 MWH
Load Factor	89.18 %

### Fuel Cost

Total Cost:	37,424,909.03 RM
Cost per Unit	13.24 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	486
Hydro	179
Syncon	666
Thermal	73
<b>Total</b>	<b>1,404</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
CBPS	30
GLGR	57
PAKA	95
PGPS	26
SRDG	5
TJGS	218
<b>Total TNB</b>	<b>431</b>
KLPP	33
MPSS	59
PGLA	109
PKLG	1
PLPS	98
SGB3	78
SGRI	167
SKSP	29
YPKA	57
<b>Total IPP</b>	<b>632</b>
<b>Total Gas</b>	<b>1,063</b>
<b>Total Gas Required</b>	<b>1,063</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	13050	12662	12083	11658	11320	11204	11057	10716	10259	10807	11577	12106	12168	12266	12382	12249	12100	11981	11792	12400	13512	13446	13211	12967

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