



## Daily System Generation Summary on Saturday

Saturday, September 27, 2014

### Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,962 MW
Hydro	1,686 MW
Distillate	0 MW
Total TNB	<u>7,718 MW</u>
Total IPP	<u>10,450 MW</u>
Total Co-Gen	<u>0 MW</u>
Total System	<u>18,168 MW</u>

### Generation Mix

Type	MWh	Percentage
ST-Coal	49,189	16.00 %
Gas	64,998	21.14 %
Hydro	8,963	2.92 %
<b>Total TNB</b>	<b>123,150</b>	<b>40.05 %</b>
ST-Coal	87,028	28.31 %
ST-Gas	403	0.13 %
ST-Oil	7,489	2.44 %
Gas	89,150	29.00 %
<b>Total IPP</b>	<b>184,070</b>	<b>59.87 %</b>
Co-Gen	1,733	0.56 %
<b>Total Co-Gen</b>	<b>1,733</b>	<b>0.56 %</b>
<b>Total Generation</b>	<b>308,953</b>	<b>100.49 %</b>
PLTG	770	0.25 %
HVDC	725	0.24 %
<b>Interconnection</b>	<b>1,495</b>	<b>0.49 %</b>
<b>Net Energy</b>	<b>307,458</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:	11:30:00 Hour
Total Set On Bus	15,064 MW
TNB Generation	5,463 MW
IPP Generation	8,500 MW
Spinning Reserve	1,037 MW
Maximum Demand	14,005 MW
Net Energy	307,458 MWH
Load Factor	91.47 %

### Fuel Cost

Total Cost:	43,081,527.03 RM
Cost per Unit	14.37 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	276
Hydro	119
Syncon	449
Thermal	31
<b>Total</b>	<b>875</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	31
PAKA	141
PGPS	41
SRDG	23
TJGS	213
<b>Total TNB</b>	<b>495</b>

KLPP	110
MPSS	58
PDPS	15
PKLG	25
PLPS	105
PTEK	15
SGRI	166
SKSP	54
YPGS	70
YPKA	104
PKLG	4
<b>Total IPP</b>	<b>727</b>
<b>Total Gas</b>	<b>1,222</b>

<b>Total Gas Required</b>	<b>1,294</b>
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### Alternate Fuel Usage

Station	(mmscfd)
PKLG	72
<b>Total</b>	<b>72</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	13092	12404	11995	11705	11300	11214	11349	10980	11014	12270	13304	13935	13739	13482	13786	13881	13702	13350	12973	13152	13891	13792	13565	13320

Prepared By: -Select Name-

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