

## Daily System Generation Summary on Friday

Friday, February 09, 2018

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,537 MW
Hydro	2,482 MW
Distillate	0 MW
Total TNB	5,019 MW
Total IPP	15,218 MW
Total Co-Gen	0 MW
<b>Total System</b>	<b>20,811 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	35,092	10.18 %
Hydro	16,246	4.71 %
<b>Total TNB</b>	<b>51,338</b>	<b>14.90 %</b>
ST-Coal	179,939	52.21 %
Gas	111,014	32.21 %
<b>Total IPP</b>	<b>290,953</b>	<b>84.42 %</b>
Co-Gen	1,477	0.43 %
<b>Total Co-Gen</b>	<b>1,477</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>343,768</b>	<b>99.74 %</b>
PLTG	-183	-0.05 %
HVDC	-704	-0.20 %
<b>Interconnection</b>	<b>-887</b>	<b>-0.26 %</b>
<b>Net Energy</b>	<b>344,655</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 4/20/2016	372,457 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	17,689 MW
TNB Generation	3,129 MW
IPP Generation	13,070 MW
Spinning Reserve	1,440 MW
Maximum Demand	16,310 MW
Net Energy	344,655 MWH
Load Factor	88.05 %

### Fuel Cost

Total Cost:	62,173,068.65 RM
Cost per Unit	18.98 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	298
Hydro	394
Syncon	759
Thermal	180
<b>Total</b>	<b>1,631</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	27

### 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	14129	13490	12868	12483	12284	12053	12189	12407	12495	13949	14817	15365	15415	15143	15383	16010	16290	16027	15011	14783	15832	15660	15230	14774

### Gas Usage

Station	(mmscfd)
GLGR	53
PGPS	37
SRDG	4
TJGS	160
<b>Total TNB</b>	<b>254</b>
CBPS	54
KLPP	97
MPSS	44
NPRI	79
PGLA	113
PLPS	97
PTEK	7
SGB3	36
SGRI	88
SKSP	52
YPKA	79
<b>Total IPP</b>	<b>747</b>
<b>Total Gas</b>	<b>1,001</b>
<b>Total Gas Required</b>	<b>1,001</b>

### Alternate Fuel Usage

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

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