

## Daily System Generation Summary on Friday

Friday, December 16, 2016

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,291 MW
Hydro	2,035 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,326 MW</b>
<b>Total IPP</b>	<b>13,888 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>19,234 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	49,852	14.62 %
Hydro	10,101	2.96 %
<b>Total TNB</b>	<b>59,953</b>	<b>17.58 %</b>
ST-Coal	166,305	48.76 %
Gas	115,197	33.78 %
<b>Total IPP</b>	<b>281,502</b>	<b>82.54 %</b>
Co-Gen	435	0.13 %
<b>Total Co-Gen</b>	<b>435</b>	<b>0.13 %</b>
<b>Total Generation</b>	<b>341,890</b>	<b>100.25 %</b>
PLTG	342	0.10 %
HVDC	498	0.15 %
<b>Interconnection</b>	<b>840</b>	<b>0.25 %</b>
<b>Net Energy</b>	<b>341,050</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/20/2016	17,788 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	17,646 MW
TNB Generation	3,380 MW
IPP Generation	12,810 MW
Spinning Reserve	1,439 MW
Maximum Demand	16,195 MW
Net Energy	341,050 MWH
Load Factor	87.75 %

### Fuel Cost

Total Cost:	48,049,340.85 RM
Cost per Unit	14.48 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	435
Hydro	349
Syncon	732
Thermal	184
<b>Total</b>	<b>1,700</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
CBPS	1
GLGR	54
PAKA	48
PGPS	52
SRDG	22
TJGS	197
<b>Total TNB</b>	<b>374</b>

CBPS	55
KLPP	100
MPSS	33
NPRI	155
PDPS	6
PGLA	110
PKLG	6
PLPS	90
PTEK	27
SGB3	56
SGRI	177
SKSP	49
<b>Total IPP</b>	<b>865</b>
<b>Total Gas</b>	<b>1,239</b>

**Total Gas Required 1,239**

### 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	13774	13108	12723	12287	12014	11791	11810	12015	12350	13959	14895	15452	15558	15134	15354	16019	16162	15861	14875	14806	15731	15431	14969	14517

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Daily MW Generation on Friday

Table with columns: Station, Unit, and 24 hourly MW generation values (0000 to 2300). Rows include various power stations and units, followed by totals for Coal, Oil, and Gas.



