

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,240 MW
Hydro	1,743 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,983 MW</b>
<b>Total IPP</b>	<b>13,638 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,621 MW</b>

### Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

### Gas Usage

Station	(mmscfd)
CBPS	36
GLGR	54
PAKA	124
PGGS	5
PGPS	52
SRDG	21
TJGS	213
<b>Total TNB</b>	<b>505</b>

### Alternate Fuel Usage

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

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

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,722 MW
TNB Generation	4,612 MW
IPP Generation	12,688 MW
Spinning Reserve	407 MW
Maximum Demand	17,279 MW
Net Energy	351,624 MWH
Load Factor	84.79 %

CBPS	54
KLPP	110
MPSS	60
NPRI	151
PDPS	15
PGLA	98
PKLG	8
PLPS	95
PTEK	30
SGB3	87
SGRI	185
SKSP	52
PKLG	20
<b>Total IPP</b>	<b>964</b>
<b>Total Gas</b>	<b>1,469</b>

### Generation Mix

Type	MWh	Percentage
Gas	65,101	18.51 %
Hydro	17,304	4.92 %
<b>Total TNB</b>	<b>82,405</b>	<b>23.44 %</b>
ST-Coal	139,659	39.72 %
ST-Gas	1,947	0.55 %
ST-Oil	4,619	1.31 %
Gas	122,975	34.97 %
<b>Total IPP</b>	<b>269,200</b>	<b>76.56 %</b>
Co-Gen	418	0.12 %
<b>Total Co-Gen</b>	<b>418</b>	<b>0.12 %</b>
<b>Total Generation</b>	<b>352,023</b>	<b>100.11 %</b>
PLTG	399	0.11 %
Interconnection	399	0.11 %
<b>Net Energy</b>	<b>351,624</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	52,996,254.75 RM
Cost per Unit	15.84 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	490
Hydro	292
Syncon	206
Thermal	64
<b>Total</b>	<b>1,052</b>

**Total Gas Required 1,515**

Time	Weather	Temperature
Afternoon	Hot	33
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	13663	12941	12447	11973	11630	11402	11666	11648	12367	14449	15605	16334	16362	16148	16796	17112	17144	16773	15359	15059	16277	16228	15924	153

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