

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,286 MW
Hydro	2,482 MW
Distillate	0 MW
Total TNB	5,768 MW
Total IPP	13,094 MW
Total Co-Gen	0 MW
Total System	19,144 MW

### Generation Mix

Type	MWh	Percentage
Gas	54,236	15.88 %
Hydro	19,020	5.57 %
<b>Total TNB</b>	<b>73,256</b>	<b>21.45 %</b>
ST-Coal	145,718	42.67 %
Gas	121,442	35.56 %
<b>Total IPP</b>	<b>267,160</b>	<b>78.23 %</b>
Co-Gen	1,629	0.48 %
<b>Total Co-Gen</b>	<b>1,629</b>	<b>0.48 %</b>
<b>Total Generation</b>	<b>342,045</b>	<b>100.16 %</b>
PLTG	-172	-0.05 %
HVDC	730	0.21 %
<b>Interconnection</b>	<b>558</b>	<b>0.16 %</b>
<b>Net Energy</b>	<b>341,487</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:	14:30:00 Hour
Total Set On Bus	18,152 MW
TNB Generation	4,078 MW
IPP Generation	12,385 MW
Spinning Reserve	1,621 MW
Maximum Demand	16,492 MW
Net Energy	341,487 MWH
Load Factor	86.28 %

### Fuel Cost

Total Cost:	58,306,592.00 RM
Cost per Unit	18.05 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	478
Hydro	292
Syncon	701
Thermal	180
<b>Total</b>	<b>1,651</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	56
PAKA	124
PGPS	41
SRDG	19
TJGS	40
TJGS	111
<b>Total TNB</b>	<b>441</b>
CBPS	55
KLPP	110
MPSS	52
NPRI	105
PDPS	13
PGLA	118
PKLG	8
PLPS	100
PTEK	27
SGB3	74
SGRI	204
SKSP	55
<b>Total IPP</b>	<b>921</b>
<b>Total Gas</b>	<b>1,362</b>
<b>Total Gas Required</b>	<b>1,362</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	13198	12579	12067	11587	11455	11210	11588	11666	12247	14207	15164	15903	15766	15548	16115	16481	16441	16155	14844	14439	15746	15722	15303	14918

Prepared By: -Select Name-

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