

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,583 MW
Hydro	1,699 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,282 MW</b>
<b>Total IPP</b>	<b>14,717 MW</b>
<b>Total Co-Gen</b>	<b>24 MW</b>
<b>Total System</b>	<b>20,023 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	71,665	19.45 %
Hydro	14,508	3.94 %
<b>Total TNB</b>	<b>86,173</b>	<b>23.39 %</b>
ST-Coal	164,624	44.68 %
ST-Oil	12,532	3.40 %
Gas	97,548	26.47 %
Distillate	6,606	1.79 %
<b>Total IPP</b>	<b>281,310</b>	<b>76.34 %</b>
Co-Gen	553	0.15 %
<b>Total Co-Gen</b>	<b>553</b>	<b>0.15 %</b>
<b>Total Generation</b>	<b>368,036</b>	<b>99.88 %</b>
PLTG	296	0.08 %
EGAT	-33	-0.01 %
HVDC	-705	-0.19 %
<b>Interconnection</b>	<b>-442</b>	<b>-0.12 %</b>
<b>Net Energy</b>	<b>368,478</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/14/2016	17,689 MW
Date: 4/13/2016	368,760 MWH

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

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,011 MW
TNB Generation	4,613 MW
IPP Generation	13,056 MW
Spinning Reserve	1,320 MW
Maximum Demand	17,689 MW
Net Energy	368,478 MWH
Load Factor	86.80 %

### Fuel Cost

Total Cost:	58,943,172.75 RM
Cost per Unit	16.67 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	758
Hydro	344
Syncon	251
Thermal	186
<b>Total</b>	<b>1,539</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	28	PDPS	10
GLGR	52	PTEK	11
PAKA	193	KLPP	11
PGGS	4	PLPS	10
PGPS	49	SGB3	2
SRDG	9	SGRI	19
TJGS	212	PKLG	121
<b>Total TNB</b>	<b>547</b>	<b>Total</b>	<b>184</b>
CBPS	51		
KLPP	86		
MPSS	57		
NPRI	101		
PDPS	8		
PGLA	106		
PKLG	3		
PLPS	82		
PTEK	8		
SGB3	33		
SGRI	157		
SKSP	46		
<b>Total IPP</b>	<b>739</b>		
<b>Total Gas</b>	<b>1,286</b>		
<b>Total Gas Required</b>	<b>1,470</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	15095	14306	13796	13307	12974	12662	12722	12569	13111	14930	16053	16742	16749	16520	17179	17625	17689	17153	15814	15405	16667	16697	16390	15962





