

### Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,593 MW
Hydro	1,719 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,352 MW</b>
<b>Total IPP</b>	<b>9,995 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>18,347 MW</b>

### Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

### Gas Usage

Station	(mmscfd)
CBPS	2
CBPS	48
GLGR	54
NPRI	22
PAKA	142
PGGS	10
SRDG	8
TJGS	214
<b>Total TNB</b>	<b>500</b>

### Alternate Fuel Usage

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

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

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	17,189 MW
TNB Generation	7,042 MW
IPP Generation	9,003 MW
Spinning Reserve	1,144 MW
Maximum Demand	16,072 MW
Net Energy	335,212 MWH
Load Factor	86.90 %

KLPP	105
MPSS	52
PDPS	15
PGLA	111
PKLG	9
PLPS	97
PTEK	12
SGB3	3
SGRI	186
SKSP	51
PKLG	54
<b>Total IPP</b>	<b>695</b>
<b>Total Gas</b>	<b>1,195</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	67,901	20.26 %
Gas	65,602	19.57 %
Hydro	14,585	4.35 %
<b>Total TNB</b>	<b>148,088</b>	<b>44.18 %</b>
ST-Coal	100,832	30.08 %
ST-Gas	5,434	1.62 %
Gas	80,350	23.97 %
<b>Total IPP</b>	<b>186,616</b>	<b>55.67 %</b>
<b>Total Co-Gen</b>	<b>80,350</b>	<b>23.97 %</b>
<b>Total Generation</b>	<b>334,704</b>	<b>99.85 %</b>
PLTG	175	0.05 %
HVDC	-683	-0.20 %
<b>Interconnection</b>	<b>-508</b>	<b>-0.15 %</b>
<b>Net Energy</b>	<b>335,212</b>	<b>100.00 %</b>

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	362
Hydro	345
Syncon	410
Thermal	125
<b>Total</b>	<b>1,242</b>

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Cloudy	25

**Total Gas Required** 1,195

### 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	13100	12361	12098	11779	11518	11325	11683	11655	12387	14099	14985	15608	15592	15244	15807	16058	16058	15579	14581	14829	15275	15086	14405	13789

Prepared By: -Select Name-

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