

#### Availability at Daily Maximum Demand Hour

ST-Coal	3,030 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,828 MW
Hydro	1,817 MW
Distillate	0 MW
<b>Total TNB</b>	<b>8,675 MW</b>
<b>Total IPP</b>	<b>9,823 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>18,498 MW</b>

#### Generation Mix

Type	MWh	Percentage
ST-Coal	65,683	19.79 %
Gas	64,877	19.55 %
Hydro	15,085	4.55 %
<b>Total TNB</b>	<b>145,645</b>	<b>43.89 %</b>
ST-Coal	100,105	30.17 %
ST-Gas	5,768	1.74 %
Gas	80,215	24.17 %
<b>Total IPP</b>	<b>186,088</b>	<b>56.08 %</b>
Co-Gen	176	0.05 %
<b>Total Co-Gen</b>	<b>176</b>	<b>0.05 %</b>
<b>Total Generation</b>	<b>331,909</b>	<b>100.02 %</b>
PLTG	142	0.04 %
HVDC	-72	-0.02 %
<b>Interconnection</b>	<b>70</b>	<b>0.02 %</b>
<b>Net Energy</b>	<b>331,839</b>	<b>100.00 %</b>

#### Maximum Demand Record

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

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

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	17,113 MW
TNB Generation	7,284 MW
IPP Generation	8,751 MW
Spinning Reserve	1,071 MW
Maximum Demand	15,998 MW
Net Energy	331,839 MWH
Load Factor	86.43 %

#### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	394
Hydro	294
Syncon	418
Thermal	115
<b>Total</b>	<b>1,221</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

#### Gas Usage

Station	(mmscfd)
CBPS	24
CBPS	49
GLGR	55
PAKA	140
PGGS	12
SRDG	21
TJGS	220
<b>Total TNB</b>	<b>521</b>

KLPP	84
MPSS	59
PDPS	21
PGLA	113
PKLG	11
PLPS	101
PTEK	13
SGB3	1
SGRI	205
SKSP	55
PKLG	59
<b>Total IPP</b>	<b>721</b>
<b>Total Gas</b>	<b>1,243</b>

**Total Gas Required 1,243**

#### 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	13858	13141	12686	12325	12074	11882	11917	11782	12248	13858	14816	15423	15471	15002	15340	15901	15978	15607	14679	15054	15379	15201	14688	14378

Prepared By: -Select Name-

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