

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,487 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,487 MW</b>
<b>Total IPP</b>	<b>14,722 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,622 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	15,383	4.09 %
Gas	67,257	17.88 %
<b>Total TNB</b>	<b>82,640</b>	<b>21.96 %</b>
ST-Coal	203,332	54.04 %
ST-Gas	4,332	1.15 %
LSS	3,128	0.83 %
Gas	82,887	22.03 %
<b>Total IPP</b>	<b>293,679</b>	<b>78.05 %</b>
Co-Gen	-784	-0.21 %
<b>Total Co-Gen</b>	<b>-784</b>	<b>-0.21 %</b>
<b>Total Generation</b>	<b>375,535</b>	<b>99.81 %</b>
PLTG	3	0.00 %
HVDC	-717	-0.19 %
<b>Interconnection</b>	<b>-714</b>	<b>-0.19 %</b>
<b>Net Energy</b>	<b>376,249</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

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

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,698 MW
TNB Generation	4,313 MW
IPP Generation	13,227 MW
Spinning Reserve	1,189 MW
Maximum Demand	17,520 MW
Net Energy	376,249 MWH
Load Factor	89.48 %

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	401
Hydro	421
Syncon	764
Thermal	157
<b>Total</b>	<b>1,743</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Cloudy	23

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	50	<b>Total</b>	<b>0</b>
TJGS	200		
<b>Total TNB</b>	<b>249</b>		
CBPS	51		
EMPP	1		
KLPP	99		
NPRI	77		
PCGP	86		
PLPS	100		
SGRI	139		
SKSP	54		
SPGP	199		
PKLG	43		
<b>Total IPP</b>	<b>848</b>		
<b>Total Gas</b>	<b>1,098</b>		
<b>Total Gas Required</b>	<b>1,098</b>		

### Alternate Fuel Usage

### 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	15257	14515	14018	13634	13356	13239	13627	13827	14157	15629	16415	16931	16797	16414	16866	17333	17443	17210	16358	16558	17007	16811	16242	15880

Prepared By: -Select Name-

Checked By: -Select Name-

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