

### 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>15,083 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,983 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	16,955	4.57 %
Gas	62,501	16.83 %
<b>Total TNB</b>	<b>79,456</b>	<b>21.39 %</b>
ST-Coal	205,877	55.43 %
ST-Gas	5,219	1.41 %
LSS	3,523	0.95 %
Gas	77,362	20.83 %
<b>Total IPP</b>	<b>291,981</b>	<b>78.62 %</b>
Co-Gen	-566	-0.15 %
<b>Total Co-Gen</b>	<b>-566</b>	<b>-0.15 %</b>
<b>Total Generation</b>	<b>370,871</b>	<b>99.86 %</b>
PLTG	210	0.06 %
HVDC	-738	-0.20 %
<b>Interconnection</b>	<b>-528</b>	<b>-0.14 %</b>
<b>Net Energy</b>	<b>371,399</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	18,578 MW
TNB Generation	4,087 MW
IPP Generation	13,229 MW
Spinning Reserve	1,302 MW
Maximum Demand	17,301 MW
Net Energy	371,399 MWH
Load Factor	89.45 %

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	526
Hydro	316
Syncon	850
Thermal	214
<b>Total</b>	<b>1,906</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	31
Morning	Cloudy	23

### Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	195
<b>Total TNB</b>	<b>226</b>
CBPS	49
KLPP	96
NPRI	75
PCGP	84
PLPS	96
SGRI	117
SKSP	52
SPGP	189
PKLG	52
<b>Total IPP</b>	<b>809</b>
<b>Total Gas</b>	<b>1,034</b>
<b>Total Gas Required</b>	<b>1,034</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	15101	14384	13889	13520	13196	13138	13380	13657	13860	15338	16059	16547	16529	16240	16515	17174	17298	17108	16286	16453	16859	16570	16096	15779

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)  
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