

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,200 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,200 MW</b>
<b>Total IPP</b>	<b>17,028 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>21,681 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	17,495	4.40 %
Gas	36,245	9.12 %
<b>Total TNB</b>	<b>53,740</b>	<b>13.52 %</b>
ST-Coal	223,388	56.19 %
LSS	7,073	1.78 %
Gas	114,963	28.92 %
<b>Total IPP</b>	<b>345,424</b>	<b>86.88 %</b>
Co-Gen	-853	-0.21 %
<b>Total Co-Gen</b>	<b>-853</b>	<b>-0.21 %</b>
<b>Total Generation</b>	<b>398,311</b>	<b>100.18 %</b>
PLTG	-3	0.00 %
EGAT	5	0.00 %
HVDC	722	0.18 %
<b>Interconnection</b>	<b>724</b>	<b>0.18 %</b>
<b>Net Energy</b>	<b>397,587</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	19,625 MW
TNB Generation	3,321 MW
IPP Generation	15,485 MW
Spinning Reserve	869 MW
Maximum Demand	18,737 MW
Net Energy	397,587 MWH
Load Factor	88.41 %

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	396
Hydro	415
Syncon	499
Thermal	137
<b>Total</b>	<b>1,447</b>

Time	Weather	Temperature
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### Gas Usage

Station	(mmscfd)
GLGR	36
SRDG	5
TJGS	101
<b>Total TNB</b>	<b>143</b>
CBPS	52
EMPP	203
KLPP	95
NPRI	147
PCGP	89
PLPS	95
SGRI	79
SKSP	28
SPGP	103
<b>Total IPP</b>	<b>891</b>
<b>Total Gas</b>	<b>1,034</b>

### Alternate Fuel Usage

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

**Total Gas Required 1,034**

### 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	16736	15916	15276	14781	14310	14082	14147	14041	14237	15761	16616	17208	17244	17078	17498	18498	18726	18556	17308	17074	18318	18356	17883	17763

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)  
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