

### Availability at Daily Maximum Demand Hour

ST-Coal	7,646 MW
ST-Gas	294 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,352 MW
Distillate	575 MW
Others	0 MW
Gas	9,567 MW
Co-Gen	0 MW
<b>Total System</b>	<b>21,774 MW</b>

### Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 3/26/2024	420,162 MWH

### Gas Usage

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

### Alternate Fuel Usage

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

### Set On Bus And MD

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	18,356 MW
Spinning Reserve	1,048 MW
Maximum Demand	17,409 MW
Net Energy	354,275 MWH
Load Factor	85 %

<b>Total Gas Required</b>	<b>0</b>
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### Generation Mix

Type	MWh	Percentage
ST-Coal	178,193	50.30 %
ST-Gas	1,077	0.30 %
LSS	7,747	2.19 %
Hydro	23,543	6.65 %
Distillate	5,673	1.60 %
Gas	134,563	37.98 %
Co-Gen	358	0.10 %
<b>Total Generation</b>	<b>351,154</b>	<b>99.12 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,533
Hydro	250
Syncon	606
Thermal	200
<b>Total</b>	<b>2,589</b>

PLTG	219	0.06 %
EGAT	4	0.00 %
HVDC	-3,344	-0.94 %
<b>Interconnection</b>	<b>-3,121</b>	<b>-0.88 %</b>
<b>Net Energy</b>	<b>354,275</b>	<b>100.00 %</b>

#### Time Weather Temperature

### 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	16357	15674	15046	14462	14014	13659	13655	13320	12677	12793	13292	13460	13686	13656	14332	14701	15104	15242	14964	15440	17098	17395	17289	17041

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)  
Head  
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