

Availability at Daily Maximum Demand Hour

ST-Coal	7,836 MW
ST-Gas	0 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,263 MW
Distillate	0 MW
Others	0 MW
Gas	9,767 MW
Co-Gen	0 MW
Total System	21,206 MW

Maximum Demand Record

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

Gas Usage

<u>Station</u>	(mmscfd)	<u>Station</u>	(mmscfd)
Total Gas	0	Total	0
Total Gas Required		0	

Alternate Fuel Usage

Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	19,435 MW
Spinning Reserve	860 MW
Maximum Demand	18,688 MW
Net Energy	401,723 MWH
Load Factor	90 %

Generation Mix

Type	MWh	Percentage
ST-Coal	185,117	46.08 %
ST-Gas	487	0.12 %
LSS	8,963	2.23 %
Hydro	24,724	6.15 %
Distillate	6,452	1.61 %
Gas	170,708	42.49 %
Co-Gen	995	0.25 %
Total Generation	397,446	98.94 %
PLTG	-87	-0.02 %
EGAT	5	0.00 %
HVDC	-4,195	-1.04 %
Interconnection	-4,277	-1.06 %
Net Energy	401,723	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	849
Hydro	385
Syncon	434
Thermal	135
Total	1,803

Time	Weather	Temperature
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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	17441	16561	15924	15461	14972	14977	14923	14607	14550	15791	16430	16759	16512	16559	17442	17888	18156	17855	17278	17532	18340	18688	18460	18317

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Head
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