

Availability at Daily Maximum Demand Hour

ST-Coal	8,721 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,240 MW
Hydro	2,412 MW
Distillate	0 MW
Others	0 MW
Gas	8,738 MW
Co-Gen	0 MW
Total System	21,701 MW

Maximum Demand Record

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

Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,206 MW
Spinning Reserve	1,122 MW
Maximum Demand	18,103 MW
Net Energy	386,541 MWH
Load Factor	89 %

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	176
CBPS	46
EMPP	275
KLPP	47
PCGP	83
PLPS	59
SKSP	47
SPGP	200
Total Gas	963

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	209,293	54.15 %
LSS	4,553	1.18 %
Hydro	28,034	7.25 %
Gas	144,218	37.31 %
Co-Gen	-213	-0.06 %
Total Generation	385,885	99.83 %
PLTG	42	0.01 %
HVDC	-698	-0.18 %
Interconnection	-656	-0.17 %
Net Energy	386,541	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	457
Hydro	350
Syncon	531
Thermal	133
Total	1,471

Total Gas Required 963

Time Weather Temperature

Afternoon	Cloudy	32
Morning	Sunny	24

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	15807	14986	14525	14094	13737	13592	13923	14021	14507	16121	16698	17033	16847	16559	17352	17915	18085	17842	16746	16791	17667	17588	17092	16495

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
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