

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,351 MW
Distillate	0 MW
Total TNB	2,351 MW
Total IPP	16,117 MW
Total Co-Gen	0 MW
Total System	22,470 MW

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:	20:30:00 Hour
Total Set On Bus	17,308 MW
TNB Generation	4,179 MW
IPP Generation	11,967 MW
Spinning Reserve	1,201 MW
Maximum Demand	16,139 MW
Net Energy	338,591 MWH
Load Factor	87.42 %

Gas Usage

Station	(mmscfd)
GLGR	29
SRDG	5
TJGS	98
Total TNB	133
CBPS	41
EMPP	227
NPRI	124
PCGP	78
SPGP	190
Total IPP	660
Total Gas	793
Total Gas Required	793

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Hydro	14,909	4.40 %
Gas	47,916	14.15 %
Total TNB	62,825	18.55 %
ST-Coal	198,429	58.60 %
LSS	6,323	1.87 %
Gas	71,654	21.16 %
Total IPP	276,406	81.63 %
Co-Gen	-1,308	-0.39 %
Total Co-Gen	-1,308	-0.39 %
Total Generation	337,923	99.80 %
PLTG	39	0.01 %
HVDC	-707	-0.21 %
Interconnection	-668	-0.20 %
Net Energy	338,591	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,537
Hydro	404
Syncon	815
Thermal	241
Total	2,997

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	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	15424	14732	14240	13471	13135	12836	12792	12345	11943	12345	12942	13504	13515	13635	14087	14503	14738	14702	14565	15372	16123	16087	15870	15512

Prepared By: -Select Name-

Checked By: -Select Name-

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 (Ir. Shanmugam Thoppalan)
 Head
 Grid System Operator

