

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,537 MW
Distillate	0 MW
Total TNB	2,537 MW
Total IPP	17,271 MW
Total Co-Gen	0 MW
Total System	23,515 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:	16:30:00 Hour
Total Set On Bus	18,584 MW
TNB Generation	3,802 MW
IPP Generation	13,455 MW
Spinning Reserve	1,405 MW
Maximum Demand	17,175 MW
Net Energy	369,233 MWH
Load Factor	89.58 %

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	166
Total TNB	195
CBPS	46
EMPP	271
NPRI	141
PCGP	82
PLPS	54
SPGP	196
Total IPP	790
Total Gas	985
Total Gas Required	985

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Hydro	11,031	2.99 %
Gas	58,847	15.94 %
Total TNB	69,878	18.93 %
ST-Coal	206,695	55.98 %
LSS	2,846	0.77 %
Gas	90,931	24.63 %
Total IPP	300,472	81.38 %
Co-Gen	-1,616	-0.44 %
Total Co-Gen	-1,616	-0.44 %
Total Generation	368,734	99.86 %
PLTG	-152	-0.04 %
HVDC	-347	-0.09 %
Interconnection	-499	-0.14 %
Net Energy	369,233	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	474
Hydro	300
Syncon	912
Thermal	158
Total	1,844

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Rainy	22

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	14867	14266	13809	13422	13161	13091	13290	13588	13781	15325	16068	16505	16403	15960	16150	16814	17136	16856	16191	16599	16840	16574	16138	15754

Prepared By: -Select Name-

Checked By: -Select Name-

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 (Ir. Shanmugam Thoppalan)
 Head
 Grid System Operator

