

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,412 MW
Distillate	0 MW
Total TNB	2,412 MW
Total IPP	16,183 MW
Total Co-Gen	0 MW
Total System	22,597 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,323	5.86 %
Gas	59,414	15.58 %
Total TNB	81,737	21.44 %
ST-Coal	203,768	53.45 %
LSS	7,057	1.85 %
Gas	88,991	23.34 %
Total IPP	299,816	78.64 %
Co-Gen	-528	-0.14 %
Total Co-Gen	-528	-0.14 %
Total Generation	381,025	99.94 %
PLTG	-214	-0.06 %
Interconnection	-214	-0.06 %
Net Energy	381,239	100.00 %

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	19,068 MW
TNB Generation	4,691 MW
IPP Generation	13,373 MW
Spinning Reserve	1,037 MW
Maximum Demand	18,069 MW
Net Energy	381,239 MWH
Load Factor	87.91 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	738
Hydro	360
Syncon	449
Thermal	164
Total	1,711

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	180
Total TNB	231
CBPS	47
EMPP	189
KLPP	46
NPRI	146
PCGP	80
PLPS	24
SGRI	19
SKSP	48
SPGP	169
Total IPP	768
Total Gas	999
Total Gas Required	999

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	15495	14699	14185	13754	13382	13184	13498	13498	13895	15507	16307	16875	16774	16498	17385	17833	18067	17739	16607	16403	17603	17612	17052	16731

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
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