

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,701 MW
Distillate	0 MW
Total TNB	1,701 MW
Total IPP	18,674 MW
Total Co-Gen	0 MW
Total System	24,083 MW

Generation Mix

Type	MWh	Percentage
Hydro	11,631	2.99 %
Gas	64,315	16.52 %
Total TNB	75,946	19.51 %
ST-Coal	208,941	53.68 %
LSS	7,258	1.86 %
Gas	96,161	24.71 %
Total IPP	312,360	80.25 %
Co-Gen	665	0.17 %
Total Co-Gen	665	0.17 %
Total Generation	388,971	99.93 %
PLTG	1,333	0.34 %
HVDC	-1,586	-0.41 %
Interconnection	-253	-0.07 %
Net Energy	389,224	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	19,745 MW
TNB Generation	3,638 MW
IPP Generation	14,819 MW
Spinning Reserve	1,252 MW
Maximum Demand	18,452 MW
Net Energy	389,224 MWH
Load Factor	87.89 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	516
Hydro	304
Syncon	556
Thermal	335
Total	1,711

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	188
Total TNB	217
CBPS	49
EMPP	296
KLPP	75
NPRI	75
PCGP	89
SKSP	49
SPGP	207
Total IPP	838
Total Gas	1,055

Total Gas Required 1,055

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	16205	15360	14636	14273	13902	13917	14019	13733	14152	15619	16402	16968	16918	16884	17707	18338	18435	17776	17074	16872	17508	17813	17423	16934

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 4, 2023 11:11:25 AM

(Ir. Shanmugam Thoppalan)
Head
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