

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,194 MW
Distillate	0 MW
Total TNB	2,194 MW
Total IPP	17,604 MW
Total Co-Gen	0 MW
Total System	23,800 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,103	4.51 %
Gas	58,924	15.54 %
Total TNB	76,027	20.06 %
ST-Coal	218,615	57.67 %
LSS	5,159	1.36 %
Gas	80,549	21.25 %
Total IPP	304,323	80.28 %
Co-Gen	-1,459	-0.38 %
Total Co-Gen	-1,459	-0.38 %
Total Generation	378,891	99.95 %
PLTG	67	0.02 %
EGAT	6	0.00 %
HVDC	-246	-0.06 %
Interconnection	-173	-0.05 %
Net Energy	379,064	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:	16:00:00 Hour
Total Set On Bus	19,468 MW
TNB Generation	4,442 MW
IPP Generation	13,723 MW
Spinning Reserve	1,382 MW
Maximum Demand	18,083 MW
Net Energy	379,064 MWH
Load Factor	87.34 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	788
Hydro	384
Syncon	601
Thermal	168
Total	1,941

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	165
Total TNB	211
CBPS	44
EMPP	261
NPRI	133
PCGP	81
SPGP	188
Total IPP	708
Total Gas	919
Total Gas Required	919

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	15434	14618	14119	13617	13332	13181	13595	13558	13904	15452	16440	17026	17064	16793	17405	17952	18083	17486	16434	16879	17214	16904	16362	15971

Prepared By: -Select Name-

Checked By: -Select Name-

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 (Ir. Shanmugam Thoppalan)
 Head
 Grid System Operator

