

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,285 MW
Distillate	0 MW
Total TNB	2,285 MW
Total IPP	16,097 MW
Total Co-Gen	0 MW
Total System	21,075 MW

Generation Mix

Type	MWh	Percentage
Hydro	18,963	4.95 %
Gas	54,092	14.13 %
Total TNB	73,055	19.08 %
ST-Coal	216,770	56.62 %
ST-Gas	535	0.14 %
LSS	6,122	1.60 %
Gas	86,415	22.57 %
Total IPP	309,842	80.93 %
Co-Gen	-486	-0.13 %
Total Co-Gen	-486	-0.13 %
Total Generation	382,411	99.89 %
PLTG	258	0.07 %
EGAT	5	0.00 %
HVDC	-696	-0.18 %
Interconnection	-433	-0.11 %
Net Energy	382,844	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	19,694 MW
TNB Generation	3,812 MW
IPP Generation	14,652 MW
Spinning Reserve	1,280 MW
Maximum Demand	18,416 MW
Net Energy	382,844 MWH
Load Factor	86.62 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	416
Hydro	419
Syncon	592
Thermal	162
Total	1,589

Time	Weather	Temperature
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Gas Usage

Station	(mmscfd)
GLGR	49
TJGS	213
Total TNB	262
CBPS	54
EMPP	206
PCGP	89
PLPS	91
SGRI	115
SKSP	35
SPGP	105
PKLG	6
Total IPP	700
Total Gas	961
Total Gas Required	961

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	15080	14382	13766	13320	12981	12715	12913	13067	13897	15642	16488	16859	16829	16726	17472	18069	18323	18084	17001	16964	18153	18165	17819	17384

