

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	17,185 MW
Total Co-Gen	0 MW
Total System	23,303 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	19,028 MW
TNB Generation	3,929 MW
IPP Generation	13,866 MW
Spinning Reserve	1,301 MW
Maximum Demand	17,737 MW
Net Energy	377,719 MWH
Load Factor	88.73 %

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	29	Total	0
TJGS	183		
Total TNB	213		
CBPS	48		
EMPP	270		
NPRI	149		
PCGP	81		
PLPS	54		
SKSP	50		
SPGP	192		
Total IPP	842		
Total Gas	1,055		
Total Gas Required	1,055		

Generation Mix

Type	MWh	Percentage
Hydro	10,400	2.75 %
Gas	60,891	16.12 %
Total TNB	71,291	18.87 %
ST-Coal	205,681	54.45 %
LSS	3,367	0.89 %
Gas	98,467	26.07 %
Total IPP	307,515	81.41 %
Co-Gen	-1,567	-0.41 %
Total Co-Gen	-1,567	-0.41 %
Total Generation	377,239	99.87 %
PLTG	220	0.06 %
HVDC	-700	-0.19 %
Interconnection	-480	-0.13 %
Net Energy	377,719	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	443
Hydro	285
Syncon	924
Thermal	152
Total	1,804

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Cloudy	23

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	15005	14427	13951	13552	13319	13154	13657	13816	14176	15740	16552	16931	16850	16605	17012	17443	17724	17320	16532	16919	17180	16989	16427	15921

Prepared By: -Select Name-

Checked By: -Select Name-

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 (Ir. Shanmugam Thoppalan)
 Head
 Grid System Operator

