

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	15,798 MW
Total Co-Gen	0 MW
Total System	22,337 MW

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	29	Total	0
TJGS	165		
Total TNB	194		
CBPS	46		
KLPP	36		
NPRI	75		
PCGP	83		
PLPS	44		
SKSP	1		
SPGP	203		
Total IPP	488		
Total Gas	682		
Total Gas Required	682		

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	17,501 MW
TNB Generation	3,491 MW
IPP Generation	12,427 MW
Spinning Reserve	1,573 MW
Maximum Demand	15,949 MW
Net Energy	349,983 MWH
Load Factor	91.43 %

Generation Mix

Type	MWh	Percentage
Hydro	11,896	3.40 %
Gas	59,864	17.10 %
Total TNB	71,760	20.50 %
ST-Coal	232,117	66.32 %
LSS	3,562	1.02 %
Gas	41,366	11.82 %
Total IPP	277,045	79.16 %
Co-Gen	303	0.09 %
Total Co-Gen	303	0.09 %
Total Generation	349,108	99.75 %
PLTG	-183	-0.05 %
EGAT	5	0.00 %
HVDC	-697	-0.20 %
Interconnection	-875	-0.25 %
Net Energy	349,983	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	693
Hydro	403
Syncon	993
Thermal	283
Total	2,372

Time Weather Temperature

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	15799	15110	14511	14058	13712	13349	13341	13292	12790	13686	14514	14912	14641	14482	14705	14971	15057	15050	14906	15354	15885	15707	15240	14905

