

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,380 MW
Distillate	0 MW
Total TNB	2,380 MW
Total IPP	16,491 MW
Total Co-Gen	0 MW
Total System	21,505 MW

Generation Mix

Type	MWh	Percentage
Hydro	12,715	3.93 %
Gas	36,327	11.21 %
Total TNB	49,042	15.14 %
ST-Coal	186,764	57.66 %
LSS	6,531	2.02 %
Gas	80,360	24.81 %
Total IPP	273,655	84.48 %
Co-Gen	786	0.24 %
Total Co-Gen	786	0.24 %
Total Generation	323,483	99.87 %
PLTG	260	0.08 %
EGAT	6	0.00 %
HVDC	-703	-0.22 %
Interconnection	-437	-0.13 %
Net Energy	323,920	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:	20:30:00 Hour
Total Set On Bus	16,790 MW
TNB Generation	3,032 MW
IPP Generation	12,364 MW
Spinning Reserve	1,362 MW
Maximum Demand	15,427 MW
Net Energy	323,920 MWH
Load Factor	87.49 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,256
Hydro	466
Syncon	688
Thermal	406
Total	2,816

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	57
TJGS	95
Total TNB	152
EMPP	263
NPRI	133
PCGP	82
PGLA	47
SPGP	102
Total IPP	626
Total Gas	777
Total Gas Required	777

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	14679	14041	13610	13022	12769	12505	12406	12261	11672	12062	12590	12908	12930	13110	13601	13869	13929	13950	13669	13920	15270	15353	14987	14810

