

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,336 MW
Distillate	0 MW
Total TNB	2,336 MW
Total IPP	18,951 MW
Total Co-Gen	0 MW
Total System	24,275 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,092	4.06 %
Gas	44,482	13.79 %
Total TNB	57,574	17.85 %
ST-Coal	166,812	51.71 %
LSS	3,473	1.08 %
Gas	95,270	29.53 %
Total IPP	265,555	82.32 %
Co-Gen	564	0.17 %
Total Co-Gen	564	0.17 %
Total Generation	323,693	100.34 %
PLTG	657	0.20 %
HVDC	433	0.13 %
Interconnection	1,090	0.34 %
Net Energy	322,603	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:	20:00:00 Hour
Total Set On Bus	16,364 MW
TNB Generation	3,258 MW
IPP Generation	11,691 MW
Spinning Reserve	1,400 MW
Maximum Demand	14,916 MW
Net Energy	322,603 MWH
Load Factor	90.12 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	931
Hydro	652
Syncon	744
Thermal	441
Total	2,768

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Rainy	21

Gas Usage

Station	(mmscfd)
GLGR	41
TJGS	167
Total TNB	208
CBPS	46
EMPP	322
NPRI	155
PCGP	92
SKSP	2
SPGP	109
Total IPP	726
Total Gas	933
Total Gas Required	933

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	14046	13392	12922	12580	12247	12054	12210	12242	12069	12995	13619	13913	13824	13456	13713	13758	13876	13877	13676	14055	14916	14701	14297	13913

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, February 3, 2023 10:38:30 AM
 (Ir. Shanmugam Thoppalan)
 Head
 Grid System Operator

