

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	17,271 MW
Total Co-Gen	0 MW
Total System	23,389 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,237	3.52 %
Gas	61,789	16.41 %
Total TNB	75,026	19.93 %
ST-Coal	206,638	54.89 %
LSS	4,094	1.09 %
Gas	91,862	24.40 %
Total IPP	302,594	80.38 %
Co-Gen	-1,730	-0.46 %
Total Co-Gen	-1,730	-0.46 %
Total Generation	375,890	99.85 %
PLTG	138	0.04 %
HVDC	-705	-0.19 %
Interconnection	-567	-0.15 %
Net Energy	376,457	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:	16:00:00 Hour
Total Set On Bus	18,997 MW
TNB Generation	4,345 MW
IPP Generation	13,521 MW
Spinning Reserve	1,212 MW
Maximum Demand	17,821 MW
Net Energy	376,457 MWH
Load Factor	88.02 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	417
Hydro	360
Syncon	756
Thermal	168
Total	1,701

Time	Weather	Temperature
Afternoon	Rainy	31
Morning	Rainy	21

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	181
Total TNB	210
CBPS	47
EMPP	276
NPRI	140
PCGP	83
PLPS	51
SPGP	199
Total IPP	797
Total Gas	1,007
Total Gas Required	1,007

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	15179	14461	13926	13536	13208	13068	13613	13814	14133	15469	16193	16737	16731	16421	17197	17711	17821	17398	16566	16966	17098	16736	16202	15757

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, December 6, 2023 5:54:04 PM
 (Ir. Shanmugam Thoppalan)
 Head
 Grid System Operator

