

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,470 MW
Distillate	0 MW
Total TNB	2,470 MW
Total IPP	15,053 MW
Total Co-Gen	0 MW
Total System	20,362 MW

Generation Mix

Type	MWh	Percentage
Hydro	15,010	5.01 %
Gas	41,229	13.77 %
Total TNB	56,239	18.78 %
ST-Coal	144,334	48.20 %
LSS	3,768	1.26 %
Gas	93,127	31.10 %
Total IPP	241,229	80.56 %
Co-Gen	993	0.33 %
Total Co-Gen	993	0.33 %
Total Generation	298,461	99.68 %
PLTG	-270	-0.09 %
HVDC	-698	-0.23 %
Interconnection	-968	-0.32 %
Net Energy	299,429	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	16,118 MW
TNB Generation	3,133 MW
IPP Generation	11,155 MW
Spinning Reserve	1,780 MW
Maximum Demand	14,340 MW
Net Energy	299,429 MWH
Load Factor	87.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	309
Hydro	522
Syncon	532
Thermal	415
Total	1,778

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	59
SRDG	5
TJGS	185
Total TNB	249
CBPS	52
EMPP	273
NPRI	163
PCGP	88
PGLA	2
PLPS	5
SPGP	38
Total IPP	621
Total Gas	870

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 870

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	13474	13089	12510	12008	11775	11462	11418	11329	10828	11036	11604	11816	11901	12067	12479	12626	12753	12878	12571	12918	14283	14340	14026	13898

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

