

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,779 MW
Distillate	0 MW
Total TNB	1,779 MW
Total IPP	17,129 MW
Total Co-Gen	0 MW
Total System	22,111 MW

Generation Mix

Type	MWh	Percentage
Hydro	16,609	4.59 %
Gas	43,124	11.91 %
Total TNB	59,733	16.50 %
ST-Coal	229,352	63.36 %
LSS	3,380	0.93 %
Gas	69,059	19.08 %
Total IPP	301,791	83.37 %
Co-Gen	1,166	0.32 %
Total Co-Gen	1,166	0.32 %
Total Generation	362,690	100.19 %
PLTG	-8	0.00 %
HVDC	691	0.19 %
Interconnection	683	0.19 %
Net Energy	362,007	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:	16:30:00 Hour
Total Set On Bus	18,171 MW
TNB Generation	3,119 MW
IPP Generation	13,945 MW
Spinning Reserve	1,064 MW
Maximum Demand	17,096 MW
Net Energy	362,007 MWH
Load Factor	88.23 %

Fuel Cost

Total Cost:	57,887,309.43 RM
Cost per Unit	15.95 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	365
Hydro	392
Syncon	280
Thermal	226
Total	1,263

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	40
TJGS	149
Total TNB	188
CBPS	52
KLPP	78
NPRI	145
PGLA	52
PLPS	76
SKSP	1
Total IPP	405
Total Gas	593

Total Gas Required 593

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	15132	14358	13602	13206	12813	12595	12609	12683	13128	14771	15521	16051	16120	15993	16542	16896	17095	16724	15812	15745	16607	16276	15965	15609

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, October 6, 2021 10:49:40 AM

 (Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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