

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,472 MW
Distillate	0 MW
Total TNB	2,472 MW
Total IPP	16,524 MW
Total Co-Gen	0 MW
Total System	21,827 MW

Generation Mix

Type	MWh	Percentage
Hydro	29,566	8.39 %
Gas	49,149	13.95 %
Total TNB	78,715	22.34 %
ST-Coal	219,500	62.29 %
LSS	3,320	0.94 %
Gas	51,778	14.69 %
Total IPP	274,598	77.93 %
Co-Gen	173	0.05 %
Total Co-Gen	173	0.05 %
Total Generation	353,486	100.32 %
PLTG	395	0.11 %
HVDC	723	0.21 %
Interconnection	1,118	0.32 %
Net Energy	352,368	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:	15:30:00 Hour
Total Set On Bus	17,625 MW
TNB Generation	4,371 MW
IPP Generation	12,167 MW
Spinning Reserve	1,076 MW
Maximum Demand	16,535 MW
Net Energy	352,368 MWH
Load Factor	88.79 %

Fuel Cost

Total Cost:	47,590,603.18 RM
Cost per Unit	13.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	449
Hydro	460
Syncon	274
Thermal	178
Total	1,361

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	46
SRDG	9
TJGS	204
Total TNB	259
KLPP	68
NPRI	155
PGLA	76
SKSP	14
Total IPP	313
Total Gas	572
Total Gas Required	572

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	14304	13595	13149	12874	12564	12382	12504	12695	13132	14658	15203	15649	15685	15513	16070	16443	16533	16203	15423	15202	16037	15760	15498	15271

