

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,522 MW
Distillate	0 MW
Total TNB	2,522 MW
Total IPP	15,802 MW
Total Co-Gen	0 MW
Total System	21,875 MW

Generation Mix

Type	MWh	Percentage
Hydro	19,513	5.40 %
Gas	56,985	15.77 %
Total TNB	76,498	21.16 %
ST-Coal	209,978	58.09 %
LSS	3,585	0.99 %
Gas	71,034	19.65 %
Total IPP	284,597	78.74 %
Co-Gen	193	0.05 %
Total Co-Gen	193	0.05 %
Total Generation	361,288	99.96 %
PLTG	542	0.15 %
HVDC	-699	-0.19 %
Interconnection	-157	-0.04 %
Net Energy	361,445	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:	16:00:00 Hour
Total Set On Bus	18,353 MW
TNB Generation	3,881 MW
IPP Generation	13,019 MW
Spinning Reserve	1,444 MW
Maximum Demand	16,887 MW
Net Energy	361,445 MWH
Load Factor	89.18 %

Fuel Cost

Total Cost:	45,615,330.95 RM
Cost per Unit	12.62 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	582
Hydro	397
Syncon	540
Thermal	215
Total	1,734

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	50
TJGS	210
Total TNB	260
KLPP	80
NPRI	153
PGLA	107
PLPS	56
YPKA	45
Total IPP	441
Total Gas	701
Total Gas Required	701

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	14868	14232	13769	13301	12918	12789	12678	12991	13391	14932	15553	16063	16023	15801	16509	16824	16887	16482	15442	15302	16360	16352	15934	15645

