

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,086 MW
Distillate	0 MW
Total TNB	2,086 MW
Total IPP	15,378 MW
Total Co-Gen	0 MW
Total System	21,106 MW

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	18,421 MW
TNB Generation	3,994 MW
IPP Generation	13,114 MW
Spinning Reserve	1,253 MW
Maximum Demand	17,324 MW
Net Energy	369,438 MWH
Load Factor	88.86 %

Gas Usage

Station	(mmscfd)
GLGR	58
TJGS	155
Total TNB	213
CBPS	51
KLPP	42
NPRI	141
PGLA	71
PLPS	39
SGB3	41
SKSP	30
YPKA	81
Total IPP	496
Total Gas	708
Total Gas Required	902

Alternate Fuel Usage

Station	(mmscfd)
PGLA	35
KLPP	53
PGLA	36
PLPS	26
SGB3	44
Total	194

Generation Mix

Type	MWh	Percentage
Hydro	25,663	6.95 %
Distillate	2,253	0.61 %
Gas	48,329	13.08 %
Total TNB	76,245	20.64 %
ST-Coal	191,512	51.84 %
LSS	3,247	0.88 %
Distillate	20,291	5.49 %
Gas	75,100	20.33 %
Total IPP	290,150	78.54 %
Co-Gen	1,453	0.39 %
Total Co-Gen	1,453	0.39 %
Total Generation	367,848	99.57 %
PLTG	601	0.16 %
HVDC	-2,191	-0.59 %
Interconnection	-1,590	-0.43 %
Net Energy	369,438	100.00 %

Fuel Cost

Total Cost:	57,902,074.52 RM
Cost per Unit	15.23 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,148
Hydro	197
Syncon	335
Thermal	108
Total	1,788

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	27

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	15401	14610	14188	13671	13327	13012	13040	13257	13429	14994	15871	16361	16366	16197	16871	17227	17258	16828	15842	15491	16827	16759	16136	16000

