

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	16,340 MW
Total Co-Gen	0 MW
Total System	21,512 MW

Generation Mix

Type	MWh	Percentage
Hydro	15,846	4.14 %
Gas	37,474	9.80 %
Total TNB	53,320	13.94 %
ST-Coal	219,286	57.32 %
LSS	3,086	0.81 %
Gas	107,799	28.18 %
Total IPP	330,171	86.30 %
Co-Gen	283	0.07 %
Total Co-Gen	283	0.07 %
Total Generation	383,774	100.32 %
PLTG	346	0.09 %
HVDC	861	0.23 %
Interconnection	1,207	0.32 %
Net Energy	382,567	100.00 %

Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,816 MW
TNB Generation	2,708 MW
IPP Generation	15,509 MW
Spinning Reserve	1,591 MW
Maximum Demand	18,178 MW
Net Energy	382,567 MWH
Load Factor	87.69 %

Fuel Cost

Total Cost:	65,070,313.91 RM
Cost per Unit	16.95 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	456
Hydro	566
Syncon	517
Thermal	261
Total	1,800

Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	214
Total TNB	264
CBPS	55
KLPP	94
NPRI	82
PGLA	109
PLPS	91
SGB3	55
SGRI	163
YPKA	45
Total IPP	694
Total Gas	958
Total Gas Required	958

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	15682	14963	14449	13839	13629	13338	13475	13550	13733	15547	16384	16990	16975	16754	17483	18000	18056	17796	16571	16222	17422	17514	17052	16597

