

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,387 MW
Distillate	0 MW
Total TNB	5,189 MW
Total IPP	14,700 MW
Total Co-Gen	0 MW
Total System	20,461 MW

Generation Mix

Type	MWh	Percentage
Gas	42,941	11.78 %
Hydro	11,418	3.13 %
Total TNB	54,359	14.91 %
ST-Coal	199,093	54.61 %
Gas	108,767	29.84 %
Total IPP	307,860	84.45 %
Co-Gen	1,368	0.38 %
Total Co-Gen	1,368	0.38 %
Total Generation	363,587	99.73 %
PLTG	-358	-0.10 %
HVDC	-610	-0.17 %
Interconnection	-968	-0.27 %
Net Energy	364,555	100.00 %

Maximum Demand Record

Date: 4/12/2018	17,997 MW
Date: 4/12/2018	380,797 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,186 MW
TNB Generation	3,126 MW
IPP Generation	14,523 MW
Spinning Reserve	1,484 MW
Maximum Demand	17,710 MW
Net Energy	364,555 MWH
Load Factor	85.77 %

Fuel Cost

Total Cost:	63,385,815.98 RM
Cost per Unit	18.00 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	323
Hydro	538
Syncon	599
Thermal	20
Total	1,480

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	53
PGPS	34
SRDG	4
TJGS	219
Total TNB	309
CBPS	55
KLPP	73
MPSS	28
NPRI	79
PGLA	111
PLPS	97
PTEK	4
SGB3	24
SGRI	156
SKSP	54
YPKA	52
Total IPP	733
Total Gas	1,042
Total Gas Required	1,042

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	14101	13301	12918	12482	12167	11986	12308	12319	13126	15139	16182	16986	16994	16606	17218	17611	17710	17274	16027	15869	16819	16699	16187	15780

