

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,549 MW
Hydro	1,987 MW
Distillate	0 MW
Total TNB	5,536 MW
Total IPP	15,293 MW
Total Co-Gen	80 MW
Total System	21,473 MW

Generation Mix

Type	MWh	Percentage
Gas	37,885	10.48 %
Hydro	17,390	4.81 %
Total TNB	55,275	15.30 %
ST-Coal	201,468	55.75 %
Gas	103,739	28.71 %
Total IPP	305,207	84.46 %
Co-Gen	1,735	0.48 %
Total Co-Gen	1,735	0.48 %
Total Generation	362,217	100.24 %
PLTG	133	0.04 %
HVDC	726	0.20 %
Interconnection	859	0.24 %
Net Energy	361,358	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,397 MW
TNB Generation	2,910 MW
IPP Generation	14,131 MW
Spinning Reserve	1,288 MW
Maximum Demand	17,050 MW
Net Energy	361,358 MWH
Load Factor	88.31 %

Fuel Cost

Total Cost:	58,103,210.46 RM
Cost per Unit	16.84 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	511
Hydro	371
Syncon	462
Thermal	193
Total	1,537

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	50
SRDG	2
TJGS	211
Total TNB	263
CBPS	53
KLPP	94
NPRI	152
PGLA	102
PLPS	69
PTEK	11
SGB3	58
SGRI	174
SKSP	33
YPKA	16
Total IPP	763
Total Gas	1,025

Total Gas Required 1,025

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	14681	13892	13358	12982	12645	12432	12725	12783	13141	14894	15826	16406	16363	16031	16657	16964	17007	16746	15593	15107	16444	16460	15966	15674

