

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,043 MW
Hydro	2,475 MW
Distillate	0 MW
Total TNB	5,518 MW
Total IPP	15,864 MW
Total Co-Gen	80 MW
Total System	22,026 MW

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:	14:30:00 Hour
Total Set On Bus	17,681 MW
TNB Generation	3,005 MW
IPP Generation	13,141 MW
Spinning Reserve	1,469 MW
Maximum Demand	16,226 MW
Net Energy	343,322 MWH
Load Factor	88.16 %

Gas Usage

Station	(mmscfd)
GLGR	45
TJGS	203
Total TNB	248
CBPS	55
KLPP	92
NPRI	148
PGLA	90
PLPS	60
SGB3	73
YPKA	18
Total IPP	536
Total Gas	784

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	34,628	10.09 %
Hydro	24,361	7.10 %
Total TNB	58,989	17.18 %
ST-Coal	208,344	60.68 %
Gas	74,780	21.78 %
Total IPP	283,124	82.47 %
Co-Gen	1,719	0.50 %
Total Co-Gen	1,719	0.50 %
Total Generation	343,832	100.15 %
PLTG	-110	-0.03 %
HVDC	620	0.18 %
Interconnection	510	0.15 %
Net Energy	343,322	100.00 %

Fuel Cost

Total Cost:	52,296,351.06 RM
Cost per Unit	16.37 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	463
Hydro	379
Syncon	571
Thermal	186
Total	1,599

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	30
Morning	Sunny	28

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	14115	13373	12905	12601	12247	12016	12041	12168	12609	14270	15168	15841	15862	15464	15965	16006	16158	15807	14704	14475	15289	15026	14602	14202

