

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,289 MW
Hydro	2,509 MW
Distillate	0 MW
Total TNB	5,798 MW
Total IPP	15,527 MW
Total Co-Gen	40 MW
Total System	21,647 MW

Generation Mix

Type	MWh	Percentage
Gas	33,273	10.85 %
Hydro	16,898	5.51 %
Total TNB	50,171	16.36 %
ST-Coal	172,139	56.14 %
Gas	83,583	27.26 %
Total IPP	255,722	83.40 %
Co-Gen	1,165	0.38 %
Total Co-Gen	1,165	0.38 %
Total Generation	307,058	100.14 %
PLTG	-290	-0.09 %
HVDC	728	0.24 %
Interconnection	438	0.14 %
Net Energy	306,620	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:	20:00:00 Hour
Total Set On Bus	16,030 MW
TNB Generation	2,492 MW
IPP Generation	11,714 MW
Spinning Reserve	1,775 MW
Maximum Demand	14,238 MW
Net Energy	306,620 MWH
Load Factor	89.73 %

Fuel Cost

Total Cost:	48,626,667.10 RM
Cost per Unit	16.76 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	230
Hydro	189
Syncon	1,111
Thermal	216
Total	1,746

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	54
PGPS	42
TJGS	109
Total TNB	253
CBPS	56
KLPP	102
MPSS	49
NPRI	155
PGLA	112
PLPS	37
SGRI	89
Total IPP	600
Total Gas	852
Total Gas Required	852

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	12480	11840	11476	11167	10846	10771	10962	11179	11346	12515	13258	13759	13764	13540	13845	13908	13995	13773	13066	13176	14238	14090	13794	13441

