

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,747 MW
Hydro	2,126 MW
Distillate	0 MW
Total TNB	5,873 MW
Total IPP	14,042 MW
Total Co-Gen	27 MW
Total System	19,942 MW

Generation Mix

Type	MWh	Percentage
Gas	68,338	19.63 %
Hydro	19,148	5.50 %
Total TNB	87,486	25.13 %
ST-Coal	166,162	47.74 %
ST-Gas	2,311	0.66 %
ST-Oil	2,957	0.85 %
Gas	86,571	24.87 %
Distillate	91	0.03 %
Total IPP	258,092	74.15 %
Co-Gen	321	0.09 %
Total Co-Gen	321	0.09 %
Total Generation	345,899	99.38 %
PLTG	-303	-0.09 %
HVDC	-1,872	-0.54 %
Interconnection	-2,175	-0.62 %
Net Energy	348,074	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:	15:00:00 Hour
Total Set On Bus	17,625 MW
TNB Generation	4,708 MW
IPP Generation	11,621 MW
Spinning Reserve	1,280 MW
Maximum Demand	16,486 MW
Net Energy	348,074 MWH
Load Factor	87.97 %

Fuel Cost

Total Cost:	46,173,018.70 RM
Cost per Unit	14.13 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	476
Hydro	368
Syncon	334
Thermal	89
Total	1,267

Time Weather Temperature

Gas Usage

Station	(mmscfd)
CBPS	59
GLGR	54
PAKA	161
PGPS	29
SRDG	27
TJGS	206
Total TNB	535
CBPS	35
KLPP	106
NPRI	154
PDPS	2
PGLA	108
PKLG	1
PLPS	93
SGRI	147
PKLG	24
Total IPP	669
Total Gas	1,204
Total Gas Required	1,234

Alternate Fuel Usage

Station	(mmscfd)
SGRI	1
PKLG	29
Total	30

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	13994	13305	12800	12430	12191	12182	12145	11966	12641	14494	15450	16039	15775	15690	16198	16486	16246	16029	14976	14680	15372	15831	15537	15171

Daily MW Generation on Monday

Table with columns: Station, Unit, 0000, 0100, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300. Rows include stations like PGPS, PLPS, SGRI, TJGS, PDLG, SRDC, and various HY01-HY04 units.

