

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,185 MW
Hydro	1,679 MW
Distillate	0 MW
Total TNB	6,934 MW
Total IPP	9,871 MW
Total Co-Gen	0 MW
Total System	16,805 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,627	17.02 %
Gas	45,367	15.88 %
Hydro	11,805	4.13 %
Total TNB	105,799	37.03 %
ST-Coal	102,079	35.73 %
ST-Gas	112	0.04 %
Gas	77,213	27.03 %
Total IPP	179,404	62.79 %
Co-Gen	1,671	0.58 %
Total Co-Gen	1,671	0.58 %
Total Generation	286,874	100.41 %
PLTG	438	0.15 %
HVDC	731	0.26 %
Interconnection	1,169	0.41 %
Net Energy	285,705	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	14,540 MW
TNB Generation	4,971 MW
IPP Generation	8,599 MW
Spinning Reserve	904 MW
Maximum Demand	13,584 MW
Net Energy	285,705 MWH
Load Factor	87.63 %

Fuel Cost

Total Cost:	34,960,760.01 RM
Cost per Unit	12.70 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	312
Hydro	89
Syncon	424
Thermal	20
Total	845

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	49
PAKA	76
PGPS	51
SRDG	14
TJGS	109
Total TNB	357
KLPP	113
MPSS	57
PDPS	8
PGLA	16
PKLG	6
PLPS	75
PTEK	5
SGB3	52
SGRI	191
SKSP	28
YPKA	61
PKLG	1
Total IPP	613
Total Gas	970
Total Gas Required	970

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	12569	11860	11527	11047	10974	10794	10797	10349	10057	10654	11383	11991	12074	12080	12357	12420	12397	12260	11792	12684	13445	13544	13433	13149

