

Availability at Daily Maximum Demand Hour

ST-Coal	2,100 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,841 MW
Distillate	0 MW
Total TNB	7,965 MW
Total IPP	11,309 MW
Total Co-Gen	0 MW
Total System	19,844 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	41,527	15.74 %
Gas	37,814	14.34 %
Hydro	7,929	3.01 %
Total TNB	87,270	33.09 %
ST-Coal	109,784	41.62 %
Gas	65,501	24.83 %
Total IPP	175,285	66.46 %
Co-Gen	1,223	0.46 %
Total Co-Gen	1,223	0.46 %
Total Generation	263,778	100.01 %
PLTG	726	0.28 %
HVDC	-697	-0.26 %
Interconnection	29	0.01 %
Net Energy	263,749	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:	20:00:00 Hour
Total Set On Bus	13,592 MW
TNB Generation	4,241 MW
IPP Generation	8,327 MW
Spinning Reserve	973 MW
Maximum Demand	12,626 MW
Net Energy	263,749 MWH
Load Factor	87.04 %

Fuel Cost

Total Cost:	31,932,983.98 RM
Cost per Unit	12.48 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	333
Hydro	174
Syncon	608
Thermal	149
Total	1,264

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	53
SRDG	5
TJGS	209
Total TNB	267
KLPP	91
PDPS	0
PGLA	2
PKLG	1
PLPS	66
SGRI	180
SKSP	27
YPGS	56
YPKA	86
Total IPP	509
Total Gas	776

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 776

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	11724	11207	10858	10390	10163	9993	10010	9858	9467	9890	10512	10770	10777	10847	11037	11125	11308	11276	11146	11332	12626	12551	12418	12340

