

Availability at Daily Maximum Demand Hour

ST-Coal	1,580 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,991 MW
Hydro	2,135 MW
Distillate	0 MW
Total TNB	<u>7,706 MW</u>
Total IPP	<u>9,172 MW</u>
Total Co-Gen	<u>3 MW</u>
Total System	<u>16,881 MW</u>

Generation Mix

Type	MWh	Percentage
ST-Coal	36,914	10.87 %
Gas	86,238	25.39 %
Hydro	23,177	6.82 %
Total TNB	146,329	43.07 %
ST-Coal	102,761	30.25 %
ST-Oil	10,205	3.00 %
Gas	74,943	22.06 %
Distillate	3,303	0.97 %
Total IPP	191,212	56.29 %
Co-Gen	978	0.29 %
Total Co-Gen	978	0.29 %
Total Generation	338,519	99.65 %
PLTG	287	0.08 %
HVDC	-1,484	-0.44 %
Interconnection	-1,197	-0.35 %
Net Energy	339,716	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:	15:30:00 Hour
Total Set On Bus	16,822 MW
TNB Generation	7,221 MW
IPP Generation	8,799 MW
Spinning Reserve	765 MW
Maximum Demand	16,235 MW
Net Energy	339,716 MWH
Load Factor	87.19 %

Fuel Cost

Total Cost:	52,509,647.95 RM
Cost per Unit	16.65 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	488
Hydro	332
Syncon	196
Thermal	97
Total	1,113

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	24
CBPS	105
GLGR	58
PAKA	172
PGGS	9
PGPS	53
SRDG	31
TJGS	219
Total TNB	669
KLPP	109
PDPS	16
PKLG	15
PLPS	106
PTEK	57
SGB3	86
SGRI	177
SKSP	60
Total IPP	625
Total Gas	1,294
Total Gas Required	1,432

Alternate Fuel Usage

Station	(mmscfd)
PDPS	38
PKLG	100
Total	138

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	13726	13122	12753	12267	11897	11764	11878	11735	12343	14153	15103	15712	15703	15481	15833	16111	16200	15902	14673	14296	15138	15090	14537	14235

Daily MW Generation on Wednesday

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																								
S.Reserve Total		909	1023	1210	1339	1262	1176	1282	1559	1703	1764	1809	2055	1854	1809	1905	2020	1982	1459	1379	1132	1153	1090	1170	936	1121	1317	1389	983	1124	695	803	765	783	805	957	1510	1742	2019	1927	1197	1267	1260	1236	1247	1590	1307	1349	1566