

Daily System Generation Summary on Friday

Friday, September 26, 2014

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,215 MW
Hydro	1,849 MW
Distillate	0 MW
Total TNB	8,134 MW
Total IPP	9,972 MW
Total Co-Gen	0 MW
Total System	18,106 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,863	15.20 %
Gas	74,723	23.25 %
Hydro	7,770	2.42 %
Total TNB	131,356	40.87 %
ST-Coal	84,263	26.22 %
ST-Gas	5,345	1.66 %
ST-Oil	5,886	1.83 %
Gas	93,988	29.25 %
Total IPP	189,482	58.96 %
Co-Gen	1,638	0.51 %
Total Co-Gen	1,638	0.51 %
Total Generation	322,476	100.35 %
PLTG	401	0.12 %
HVDC	711	0.22 %
Interconnection	1,112	0.35 %
Net Energy	321,364	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:	15:00:00 Hour
Total Set On Bus	16,404 MW
TNB Generation	6,241 MW
IPP Generation	9,102 MW
Spinning Reserve	1,019 MW
Maximum Demand	15,385 MW
Net Energy	321,364 MWH
Load Factor	87.03 %

Fuel Cost

Total Cost:	59,046,975.31 RM
Cost per Unit	18.76 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	218
Hydro	165
Syncon	463
Thermal	43
Total	889

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Cloudy	25

Gas Usage

Station	(mmscfd)
CBPS	14
CBPS	48
GLGR	55
PAKA	169
PGPS	41
SRDG	37
TJGS	218
Total TNB	583

KLPP	86
MPSS	59
PDPS	22
PKLG	17
PLPS	101
PTEK	25
SGRI	195
SKSP	54
YPGS	70
YPKA	132
PKLG	53
Total IPP	814

Total Gas 1,397

Total Gas Required 1,454

Alternate Fuel Usage

Station	(mmscfd)
PKLG	57
Total	57

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	12647	12017	11784	11347	11137	11021	11296	11345	11721	13340	14303	14865	14930	14459	14839	15385	15296	14853	13935	13826	14688	14499	13894	13461

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Printed on: Monday, September 29, 2014 8:51:50 AM

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