

Daily System Generation Summary on Friday

Friday, October 16, 2015

Availability at Daily Maximum Demand Hour

ST-Coal	3,040 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,687 MW
Hydro	1,817 MW
Distillate	0 MW
Total TNB	<u>8,544 MW</u>
Total IPP	<u>9,474 MW</u>
Total Co-Gen	<u>0 MW</u>
Total System	<u>18,018 MW</u>

Generation Mix

Type	MWh	Percentage
ST-Coal	67,705	20.17 %
Gas	71,846	21.41 %
Hydro	17,249	5.14 %
Total TNB	156,800	46.72 %
ST-Coal	85,897	25.59 %
ST-Gas	11,089	3.30 %
Gas	79,547	23.70 %
Total IPP	176,533	52.60 %
Co-Gen	820	0.24 %
Total Co-Gen	820	0.24 %
Total Generation	334,153	99.57 %
PLTG	-759	-0.23 %
HVDC	-700	-0.21 %
Interconnection	-1,459	-0.43 %
Net Energy	335,612	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:	16:30:00 Hour
Total Set On Bus	17,139 MW
TNB Generation	7,718 MW
IPP Generation	8,213 MW
Spinning Reserve	1,175 MW
Maximum Demand	15,993 MW
Net Energy	335,612 MWH
Load Factor	87.44 %

Fuel Cost

Total Cost:	48,917,815.75 RM
Cost per Unit	15.46 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	542
Hydro	266
Syncon	328
Thermal	149
Total	1,285

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Cloudy	26

Gas Usage

Station	(mmscfd)
CBPS	2
CBPS	58
GLGR	56
PAKA	187
PGGS	30
SRDG	20
TJGS	213
Total TNB	566

KLPP	52
MPSS	58
PDPS	19
PGLA	117
PKLG	16
PLPS	100
PTEK	10
SGB3	35
SGRI	183
SKSP	52
PKLG	110
Total IPP	752
Total Gas	1,317

Total Gas Required 1,317

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	13411	12822	12457	12027	11796	11804	11897	11769	12062	13849	14762	15304	15217	14857	15122	15872	15918	15608	14591	14596	15154	14922	14353	14107

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