

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,153 MW
Distillate	0 MW
Total TNB	4,955 MW
Total IPP	15,687 MW
Total Co-Gen	0 MW
Total System	21,214 MW

Generation Mix

Type	MWh	Percentage
Gas	36,383	11.37 %
Hydro	9,225	2.88 %
Total TNB	45,608	14.25 %
ST-Coal	186,191	58.17 %
Gas	87,961	27.48 %
Total IPP	274,152	85.64 %
Co-Gen	993	0.31 %
Total Co-Gen	993	0.31 %
Total Generation	320,753	100.20 %
PLTG	-81	-0.03 %
HVDC	731	0.23 %
Interconnection	650	0.20 %
Net Energy	320,103	100.00 %

Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	16,510 MW
TNB Generation	2,425 MW
IPP Generation	12,646 MW
Spinning Reserve	1,399 MW
Maximum Demand	15,044 MW
Net Energy	320,103 MWH
Load Factor	88.66 %

Fuel Cost

Total Cost:	57,169,067.36 RM
Cost per Unit	18.35 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	354
Hydro	291
Syncon	982
Thermal	132
Total	1,759

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

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	13863	13309	12869	12496	12256	12015	12075	11644	11497	12142	12850	13504	13586	13583	13930	14001	14007	13592	13325	13738	15032	15044	14817	14531

Gas Usage

Station	(mmscfd)
GLGR	48
TJGS	211
Total TNB	259
CBPS	55
KLPP	90
NPRI	147
PGLA	91
PLPS	81
SGRI	45
SKSP	1
YPKA	66
Total IPP	575
Total Gas	834
Total Gas Required	834

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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