

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,453 MW
Hydro	2,478 MW
Distillate	0 MW
Total TNB	4,931 MW
Total IPP	15,852 MW
Total Co-Gen	36 MW
Total System	21,391 MW

Maximum Demand Record

Date: 4/12/2018	17,997 MW
Date: 4/12/2018	380,797 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,653 MW
TNB Generation	2,851 MW
IPP Generation	14,253 MW
Spinning Reserve	1,500 MW
Maximum Demand	17,104 MW
Net Energy	363,160 MWH
Load Factor	88.47 %

Gas Usage

Station	(mmscfd)
CBPS	1
GLGR	52
PGPS	39
TJGS	173
Total TNB	265
CBPS	54
KLPP	97
MPSS	46
NPRI	164
PGLA	110
PLPS	90
SGB3	52
SGRI	166
SKSP	55
YPKA	89
Total IPP	922
Total Gas	1,187
Total Gas Required	1,187

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	36,076	9.93 %
Hydro	10,944	3.01 %
Total TNB	47,020	12.95 %
ST-Coal	183,560	50.55 %
Gas	132,144	36.39 %
Total IPP	315,704	86.93 %
Co-Gen	1,245	0.34 %
Total Co-Gen	1,245	0.34 %
Total Generation	363,969	100.22 %
PLTG	81	0.02 %
HVDC	728	0.20 %
Interconnection	809	0.22 %
Net Energy	363,160	100.00 %

Fuel Cost

Total Cost:	64,774,490.50 RM
Cost per Unit	18.35 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	456
Hydro	415
Syncon	838
Thermal	98
Total	1,807

Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	27

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	14443	13745	13428	12936	12670	12552	12875	12879	13376	15097	15956	16566	16480	16142	16506	17014	17104	16730	15712	15543	16734	16598	16157	15498

