

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,254 MW
Distillate	0 MW
Total TNB	2,254 MW
Total IPP	17,055 MW
Total Co-Gen	55 MW
Total System	21,707 MW

Generation Mix

Type	MWh	Percentage
Hydro	7,211	1.96 %
Gas	36,858	10.02 %
Total TNB	44,069	11.98 %
ST-Coal	203,304	55.28 %
ST-Gas	246	0.07 %
LSS	1,334	0.36 %
Gas	116,305	31.62 %
Total IPP	321,189	87.33 %
Co-Gen	1,310	0.36 %
Total Co-Gen	1,310	0.36 %
Total Generation	366,568	99.66 %
PLTG	-263	-0.07 %
HVDC	-970	-0.26 %
Interconnection	-1,233	-0.34 %
Net Energy	367,801	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:	14:30:00 Hour
Total Set On Bus	18,736 MW
TNB Generation	2,250 MW
IPP Generation	14,881 MW
Spinning Reserve	1,512 MW
Maximum Demand	17,291 MW
Net Energy	367,801 MWH
Load Factor	88.63 %

Fuel Cost

Total Cost:	76,698,840.60 RM
Cost per Unit	21.34 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	399
Hydro	524
Syncon	654
Thermal	195
Total	1,772

Time Weather Temperature

Afternoon	Sunny	33
Morning	Cloudy	27

Gas Usage

Station	(mmscfd)
GLGR	52
PAKA	3
PGPS	35
TJGS	182
Total TNB	271
CBPS	54
KLPP	109
MPSS	41
NPRI	79
PGLA	109
PLPS	95
PTEK	3
SGB3	57
SGRI	104
SKSP	50
YPKA	74
PKLG	3
Total IPP	777

Total Gas 1,048

Total Gas Required 1,048

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	15141	14282	13750	13378	12987	12860	13152	13251	13516	15049	15972	16585	16547	16341	17077	17230	17174	16742	15776	15574	16634	16479	16050	15634

