

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,679 MW
Hydro	2,019 MW
Distillate	0 MW
Total TNB	4,698 MW
Total IPP	16,625 MW
Total Co-Gen	45 MW
Total System	21,940 MW

Generation Mix

Type	MWh	Percentage
Gas	37,626	9.98 %
Hydro	8,008	2.12 %
Total TNB	45,634	12.11 %
ST-Coal	208,281	55.25 %
Gas	123,102	32.66 %
Total IPP	331,383	87.91 %
Co-Gen	900	0.24 %
Total Co-Gen	900	0.24 %
Total Generation	377,917	100.25 %
PLTG	210	0.06 %
HVDC	730	0.19 %
Interconnection	940	0.25 %
Net Energy	376,977	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:	16:30:00 Hour
Total Set On Bus	19,008 MW
TNB Generation	2,545 MW
IPP Generation	15,336 MW
Spinning Reserve	1,091 MW
Maximum Demand	17,861 MW
Net Energy	376,977 MWH
Load Factor	87.94 %

Fuel Cost

Total Cost:	68,917,517.01 RM
Cost per Unit	18.63 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	496
Hydro	277
Syncon	528
Thermal	173
Total	1,474

Time Weather Temperature

Afternoon	Hot	34
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	15466	14720	14149	13570	13272	13140	13271	13249	13549	15357	16363	16939	16883	16601	17270	17685	17858	17352	16327	16253	17274	17156	16661	16129

Gas Usage

Station	(mmscfd)
GLGR	49
SRDG	9
TJGS	214
Total TNB	272
CBPS	55
KLPP	93
NPRI	154
PGLA	110
PLPS	91
PTEK	1
SGB3	51
SGRI	168
SKSP	36
YPKA	88
Total IPP	848
Total Gas	1,120

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 1,120

