

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,118 MW
Distillate	0 MW
Total TNB	4,920 MW
Total IPP	15,130 MW
Total Co-Gen	0 MW
Total System	20,622 MW

Generation Mix

Type	MWh	Percentage
Gas	47,461	13.10 %
Hydro	11,068	3.05 %
Total TNB	58,529	16.15 %
ST-Coal	174,234	48.08 %
Gas	128,932	35.58 %
Total IPP	303,166	83.65 %
Co-Gen	1,105	0.30 %
Total Co-Gen	1,105	0.30 %
Total Generation	362,800	100.11 %
PLTG	-336	-0.09 %
HVDC	727	0.20 %
Interconnection	391	0.11 %
Net Energy	362,409	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:	16:00:00 Hour
Total Set On Bus	18,385 MW
TNB Generation	3,084 MW
IPP Generation	13,887 MW
Spinning Reserve	1,367 MW
Maximum Demand	17,026 MW
Net Energy	362,409 MWH
Load Factor	88.69 %

Fuel Cost

Total Cost:	68,388,885.99 RM
Cost per Unit	19.43 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	566
Hydro	256
Syncon	501
Thermal	115
Total	1,438

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	43	Total	0
GLGR	52		
PGPS	39		
TJGS	218		
Total TNB	353		
CBPS	54		
KLPP	95		
MPSS	45		
NPRI	156		
PGLA	112		
PLPS	93		
PTEK	3		
SGB3	22		
SGRI	166		
SKSP	51		
YPKA	85		
Total IPP	880		
Total Gas	1,233		
Total Gas Required	1,233		

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	14516	13862	13400	13057	12645	12531	12910	12954	13291	15000	15868	16539	16376	16154	16672	16981	17026	16682	15732	15603	16585	16405	15845	15281

