

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,504 MW
Distillate	0 MW
Total TNB	5,306 MW
Total IPP	17,319 MW
Total Co-Gen	65 MW
Total System	23,262 MW

Generation Mix

Type	MWh	Percentage
Gas	42,558	11.29 %
Hydro	12,351	3.28 %
Total TNB	54,909	14.56 %
ST-Coal	214,769	56.96 %
Gas	105,389	27.95 %
Total IPP	320,158	84.91 %
Co-Gen	1,539	0.41 %
Total Co-Gen	1,539	0.41 %
Total Generation	376,606	99.88 %
PLTG	141	0.04 %
HVDC	-608	-0.16 %
Interconnection	-467	-0.12 %
Net Energy	377,073	100.00 %

Maximum Demand Record

Date: 6/6/2018	18,010 MW
Date: 6/7/2018	382,778 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,288 MW
TNB Generation	3,163 MW
IPP Generation	14,642 MW
Spinning Reserve	1,420 MW
Maximum Demand	17,891 MW
Net Energy	377,073 MWH
Load Factor	87.82 %

Fuel Cost

Total Cost:	63,301,859.93 RM
Cost per Unit	17.38 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	426
Hydro	435
Syncon	716
Thermal	92
Total	1,669

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Cloudy	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	15085	14458	14005	13565	13191	13062	12953	12912	13758	15587	16627	17211	17141	17022	17613	17859	17891	17248	16256	15979	16667	16910	16814	16476

Gas Usage

Station	(mmscfd)
GLGR	52
PGPS	32
TJGS	213
Total TNB	297
CBPS	54
KLPP	95
NPRI	155
PGLA	106
PLPS	90
PTEK	6
SGRI	75
SKSP	32
YPKA	77
Total IPP	688
Total Gas	986

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 986

