

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,391 MW
Distillate	0 MW
Total TNB	2,391 MW
Total IPP	15,115 MW
Total Co-Gen	55 MW
Total System	20,063 MW

Generation Mix

Type	MWh	Percentage
Hydro	27,822	7.23 %
Gas	48,781	12.68 %
Total TNB	76,603	19.92 %
ST-Coal	168,683	43.86 %
ST-Gas	4,766	1.24 %
LSS	1,352	0.35 %
Distillate	6,800	1.77 %
Gas	123,846	32.20 %
Total IPP	305,447	79.42 %
Co-Gen	1,937	0.50 %
Total Co-Gen	1,937	0.50 %
Total Generation	383,987	99.84 %
PLTG	-46	-0.01 %
HVDC	-554	-0.14 %
Interconnection	-600	-0.16 %
Net Energy	384,587	100.00 %

Maximum Demand Record

Date: 3/19/2019	18,402 MW
Date: 3/20/2019	390,048 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,309 MW
TNB Generation	4,052 MW
IPP Generation	13,994 MW
Spinning Reserve	1,187 MW
Maximum Demand	18,168 MW
Net Energy	384,587 MWH
Load Factor	88.20 %

Fuel Cost

Total Cost:	80,124,790.70 RM
Cost per Unit	22.54 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	499
Hydro	570
Syncon	148
Thermal	189
Total	1,406

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	38
PGPS	38
SRDG	15
TJGS	217

Total TNB 363

CBPS	56
KLPP	82
MPSS	59
NPRI	158
PGLA	110
PKLG	3
PLPS	44
PTEK	6
SGRI	140
SKSP	46
YPKA	104
PKLG	47

Total IPP 856

Total Gas 1,219

Total Gas Required 1,275

Alternate Fuel Usage

Station	(mmscfd)
PLPS	21
SGRI	35
Total	56

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	15722	14833	14311	13855	13619	13305	13609	13512	13831	15619	16543	17363	17334	16977	17676	18067	18162	17919	16632	16307	17373	17391	16986	16559

Daily MW Generation on Wednesday

[illegible]

Daily MW Generation on Wednesday

[illegible]

Daily MW Generation on Wednesday

[illegible]