

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,438 MW
Distillate	313 MW
Total TNB	2,751 MW
Total IPP	18,340 MW
Total Co-Gen	0 MW
Total System	24,466 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,526	5.70 %
Distillate	5,589	1.41 %
Gas	33,239	8.41 %
Total TNB	61,354	15.52 %
ST-Coal	204,171	51.66 %
ST-Gas	1,391	0.35 %
ST-Oil	6,676	1.69 %
LSS	4,386	1.11 %
Distillate	8,386	2.12 %
Gas	106,907	27.05 %
Total IPP	331,917	83.98 %
Co-Gen	1,233	0.31 %
Total Co-Gen	1,233	0.31 %
Total Generation	394,504	99.81 %
PLTG	-49	-0.01 %
HVDC	-698	-0.18 %
Interconnection	-747	-0.19 %
Net Energy	395,251	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:00:00 Hour
Total Set On Bus	20,195 MW
TNB Generation	3,193 MW
IPP Generation	15,450 MW
Spinning Reserve	1,502 MW
Maximum Demand	18,735 MW
Net Energy	395,251 MWH
Load Factor	87.90 %

Fuel Cost

Total Cost:	117,125,762.30 RM
Cost per Unit	29.69 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,262
Hydro	456
Syncon	177
Thermal	111
Total	2,006

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	39
PGPS	0
TJGS	52
Total TNB	91
CBPS	47
EMPP	279
NPRI	133
PCGP	71
PGLA	85
PLPS	46
SGB3	2
SGRI	19
SPGP	126
PKLG	14
Total IPP	824
Total Gas	915

Total Gas Required 1,174

Alternate Fuel Usage

Station	(mmscfd)
PGPS	24
PGPS	22
PLPS	9
SGRI	94
TJGS	42
PKLG	67
Total	259

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	16533	15570	15020	14473	14060	13849	14027	13848	14235	16064	16957	17492	17525	17450	18167	18735	18585	18164	16972	16881	17982	17908	17445	16923

Daily MW Generation on Thursday

[illegible]

