

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,387 MW
Distillate	0 MW
Total TNB	2,387 MW
Total IPP	19,721 MW
Total Co-Gen	0 MW
Total System	26,110 MW

Generation Mix

Type	MWh	Percentage
Hydro	11,090	3.96 %
Gas	37,194	13.28 %
Total TNB	48,284	17.23 %
ST-Coal	137,687	49.14 %
LSS	6,115	2.18 %
Gas	88,104	31.45 %
Total IPP	231,906	82.77 %
Co-Gen	578	0.21 %
Total Co-Gen	578	0.21 %
Total Generation	280,768	100.21 %
PLTG	-133	-0.05 %
HVDC	729	0.26 %
Interconnection	596	0.21 %
Net Energy	280,172	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 4/13/2023	407,278 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	15,432 MW
TNB Generation	2,689 MW
IPP Generation	10,823 MW
Spinning Reserve	1,887 MW
Maximum Demand	13,507 MW
Net Energy	280,172 MWH
Load Factor	86.43 %

Fuel Cost

Total Cost:	64,029,368.83 RM
Cost per Unit	22.77 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	733
Hydro	347
Syncon	929
Thermal	772
Total	2,781

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	27

Gas Usage

Station	(mmscfd)
GLGR	29
Total TNB	29
CBPS	44
EMPP	269
NPRI	158
PCGP	89
SPGP	207
Total IPP	768
Total Gas	798
Total Gas Required	798

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	12910	12339	11822	11414	11091	10857	10855	10723	10158	10322	10815	10967	10959	11100	11474	11663	11766	11834	11857	12405	13507	13438	13140	12913

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
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