

Availability at Daily Maximum Demand Hour

ST-Coal	9,956 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,287 MW
Distillate	0 MW
Others	0 MW
Gas	9,020 MW
Co-Gen	0 MW
Total System	23,193 MW

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 3/26/2024	420,162 MWH

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
Total Gas	0	Total	0
Total Gas Required	0		

Alternate Fuel Usage

Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	20,530 MW
Spinning Reserve	963 MW
Maximum Demand	19,505 MW
Net Energy	405,814 MWH
Load Factor	87 %

Generation Mix

Type	MWh	Percentage
ST-Coal	233,291	57.49 %
LSS	9,518	2.35 %
Hydro	13,713	3.38 %
Gas	150,116	36.99 %
Co-Gen	209	0.05 %
Total Generation	406,847	100.25 %
PLTG	394	0.10 %
HVDC	639	0.16 %
Interconnection	1,033	0.25 %
Net Energy	405,814	100.00 %

Fuel Cost

Total Cost:	97,315,701.03 RM
Cost per Unit	23.86 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	565
Hydro	264
Syncon	708
Thermal	157
Total	1,694

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	29

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	16593	15849	15119	14545	14187	14103	14247	14137	14601	16230	16827	17159	17000	16958	17992	18694	19097	18777	18118	18166	19010	19505	19267	18867

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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