

Availability at Daily Maximum Demand Hour

ST-Coal	8,632 MW
ST-Gas	296 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,454 MW
Distillate	0 MW
Others	0 MW
Gas	8,715 MW
Co-Gen	0 MW
Total System	21,687 MW

Maximum Demand Record

Date: 5/29/2024	20,045 MW
Date: 5/29/2024	423,825 MWH

Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	19,859 MW
Spinning Reserve	637 MW
Maximum Demand	19,220 MW
Net Energy	413,132 MWH
Load Factor	90 %

Gas Usage

Station	(mmscfd)
GLGR	49
SRDG	13
TJGS	95
CBPS	48
EMPP	299
KLPP	81
NPRI	148
PCGP	89
SGRI	115
SPGP	206
PKLG	5
Total Gas	1,146

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	212,155	51.35 %
ST-Gas	465	0.11 %
LSS	8,141	1.97 %
Hydro	21,991	5.32 %
Gas	171,011	41.39 %
Co-Gen	-799	-0.19 %
Total Generation	412,964	99.96 %
PLTG	-168	-0.04 %
Interconnection	-168	-0.04 %
Net Energy	413,132	100.00 %

Fuel Cost

Total Cost:	106,673,770.52 RM
Cost per Unit	25.75 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	432
Hydro	390
Syncon	467
Thermal	170
Total	1,459

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

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	17463	16576	15939	15455	14935	14650	14900	15055	15283	16875	17479	17937	17722	17359	18110	18604	18860	18669	17644	17750	19070	19220	18701	18401

Prepared By: -Select Name-

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(Ir. Shanmugam Thoppalan)
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