

Availability at Daily Maximum Demand Hour

ST-Coal	9,609 MW
ST-Gas	0 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,426 MW
Distillate	0 MW
Others	0 MW
Gas	9,366 MW
Co-Gen	0 MW
Total System	22,991 MW

Maximum Demand Record

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

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	13	Total	0
TJGS	160		
CBPS	45		
EMPP	289		
KLPP	36		
NPRI	70		
PCGP	87		
SGRI	53		
SKSP	49		
SPGP	206		
Total Gas	1,008		

Alternate Fuel Usage

Set On Bus And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	19,493 MW
Spinning Reserve	1,408 MW
Maximum Demand	18,026 MW
Net Energy	390,561 MWH
Load Factor	90 %

Generation Mix

Type	MWh	Percentage
ST-Coal	217,024	55.57 %
LSS	9,369	2.40 %
Hydro	14,054	3.60 %
Gas	152,657	39.09 %
Co-Gen	-1,598	-0.41 %
Total Generation	391,506	100.24 %
PLTG	-490	-0.13 %
EGAT	6	0.00 %
HVDC	1,429	0.37 %
Interconnection	945	0.24 %
Net Energy	390,561	100.00 %

Fuel Cost

Total Cost:	96,186,520.07 RM
Cost per Unit	24.41 cents/kWH

Total Gas Required 1,008

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,257
Hydro	221
Syncon	973
Thermal	191
Total	2,642

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

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	17486	16714	16098	15645	15150	14842	14750	14330	13861	14833	15634	16120	16034	15970	16429	16943	17347	17196	16863	16972	18026	17986	17659	17431

Prepared By: -Select Name-

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