

### Availability at Daily Maximum Demand Hour

ST-Coal	9,632 MW
ST-Gas	330 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,414 MW
Distillate	0 MW
Others	0 MW
Gas	8,896 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,862 MW</b>

### Maximum Demand Record

Date: 7/25/2024	20,066 MW
Date: 7/25/2024	428,610 MWH

### Gas Usage

Station	(mmscfd)
GLGR	48
TJGS	7
TJGS	142
EMPP	296
KLPP	72
NPRI	148
PCGP	87
SGRI	129
SPGP	205
PKLG	71
<b>Total Gas</b>	<b>1,204</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	20,806 MW
Spinning Reserve	1,417 MW
Maximum Demand	19,320 MW
Net Energy	423,495 MWH
Load Factor	91 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	227,015	53.61 %
ST-Gas	6,817	1.61 %
LSS	8,518	2.01 %
Hydro	13,567	3.20 %
Gas	169,190	39.95 %
Co-Gen	-942	-0.22 %
<b>Total Generation</b>	<b>424,165</b>	<b>100.16 %</b>
PLTG	-52	-0.01 %
HVDC	722	0.17 %
<b>Interconnection</b>	<b>670</b>	<b>0.16 %</b>
<b>Net Energy</b>	<b>423,495</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	107,729,293.47 RM
Cost per Unit	25.31 cents/kWH

<b>Total Gas Required</b>	<b>1,204</b>
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### Average Spinning Reserve During Peak Hour

Type	MW
GT	497
Hydro	303
Syncon	786
Thermal	201
<b>Total</b>	<b>1,787</b>

Time	Weather	Temperature
Afternoon	Hot	33
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	18567	17640	16971	16351	15894	15501	15555	15365	15391	16987	17680	18147	17951	17667	18139	18989	19151	19132	18012	17888	19181	19314	18867	18678

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)  
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