

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,510 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,510 MW</b>
<b>Total IPP</b>	<b>14,375 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>20,887 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	28,835	7.53 %
Gas	65,775	17.17 %
<b>Total TNB</b>	<b>94,610</b>	<b>24.69 %</b>
ST-Coal	194,106	50.66 %
LSS	5,728	1.49 %
Gas	89,725	23.42 %
<b>Total IPP</b>	<b>289,559</b>	<b>75.57 %</b>
Co-Gen	-1,588	-0.41 %
<b>Total Co-Gen</b>	<b>-1,588</b>	<b>-0.41 %</b>
<b>Total Generation</b>	<b>382,581</b>	<b>99.84 %</b>
PLTG	97	0.03 %
HVDC	-701	-0.18 %
<b>Interconnection</b>	<b>-604</b>	<b>-0.16 %</b>
<b>Net Energy</b>	<b>383,185</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,244 MW
TNB Generation	4,735 MW
IPP Generation	13,348 MW
Spinning Reserve	1,251 MW
Maximum Demand	18,038 MW
Net Energy	383,185 MWH
Load Factor	88.51 %

### Fuel Cost

Total Cost:	90,548,235.69 RM
Cost per Unit	23.52 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	701
Hydro	481
Syncon	465
Thermal	130
<b>Total</b>	<b>1,777</b>

### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	46
TJGS	186
<b>Total TNB</b>	<b>233</b>
CBPS	48
EMPP	94
KLPP	77
NPRI	119
PCGP	84
PLPS	78
SGRI	92
SKSP	48
SPGP	206
<b>Total IPP</b>	<b>847</b>
<b>Total Gas</b>	<b>1,080</b>
<b>Total Gas Required</b>	<b>1,080</b>

### Alternate Fuel Usage

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

### 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	15797	14946	14292	13892	13529	13358	13764	13897	14290	15794	16533	17089	17068	16842	17445	17817	18038	17560	16782	17047	17311	17094	16509	16042

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)  
Head  
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