

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,487 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,487 MW</b>
<b>Total IPP</b>	<b>15,170 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,659 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	14,151	3.95 %
Gas	65,024	18.15 %
<b>Total TNB</b>	<b>79,175</b>	<b>22.09 %</b>
ST-Coal	204,947	57.19 %
LSS	6,425	1.79 %
Gas	68,967	19.25 %
<b>Total IPP</b>	<b>280,339</b>	<b>78.23 %</b>
Co-Gen	-1,851	-0.52 %
<b>Total Co-Gen</b>	<b>-1,851</b>	<b>-0.52 %</b>
<b>Total Generation</b>	<b>357,663</b>	<b>99.81 %</b>
PLTG	1	0.00 %
HVDC	-692	-0.19 %
<b>Interconnection</b>	<b>-691</b>	<b>-0.19 %</b>
<b>Net Energy</b>	<b>358,354</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:	19:30:00 Hour
Total Set On Bus	17,575 MW
TNB Generation	4,705 MW
IPP Generation	11,993 MW
Spinning Reserve	963 MW
Maximum Demand	16,671 MW
Net Energy	358,354 MWH
Load Factor	89.57 %

### Fuel Cost

Total Cost:	84,893,535.21 RM
Cost per Unit	23.59 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	370
Hydro	453
Syncon	805
Thermal	133
<b>Total</b>	<b>1,761</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	29

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	190
<b>Total TNB</b>	<b>219</b>
CBPS	49
EMPP	100
KLPP	57
NPRI	81
PCGP	88
PLPS	85
SGRI	1
SKSP	6
SPGP	209
<b>Total IPP</b>	<b>676</b>
<b>Total Gas</b>	<b>895</b>
<b>Total Gas Required</b>	<b>895</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	15739	14986	14392	14012	13680	13436	13498	13319	12962	13940	14684	15060	14922	14731	15208	15528	15670	15613	15369	15901	16656	16464	16173	15890

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, December 12, 2023 8:56:14 AM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

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ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,487 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,487 MW</b>
<b>Total IPP</b>	<b>15,170 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,659 MW</b>

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<b>Total Gas Required</b>	<b>895</b>

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