

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,342 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,342 MW</b>
<b>Total IPP</b>	<b>16,436 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,766 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	29,790	8.20 %
Gas	43,015	11.84 %
<b>Total TNB</b>	<b>72,805</b>	<b>20.04 %</b>
ST-Coal	190,887	52.56 %
LSS	5,270	1.45 %
Gas	93,077	25.63 %
<b>Total IPP</b>	<b>289,234</b>	<b>79.63 %</b>
Co-Gen	717	0.20 %
<b>Total Co-Gen</b>	<b>717</b>	<b>0.20 %</b>
<b>Total Generation</b>	<b>362,756</b>	<b>99.88 %</b>
PLTG	1,139	0.31 %
EGAT	6	0.00 %
HVDC	-1,597	-0.44 %
<b>Interconnection</b>	<b>-452</b>	<b>-0.12 %</b>
<b>Net Energy</b>	<b>363,208</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

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

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,324 MW
TNB Generation	3,886 MW
IPP Generation	13,112 MW
Spinning Reserve	1,299 MW
Maximum Demand	16,987 MW
Net Energy	363,208 MWH
Load Factor	89.09 %

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	829
Hydro	586
Syncon	168
Thermal	151
<b>Total</b>	<b>1,734</b>

### Time Weather Temperature

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	29	<b>Total</b>	<b>0</b>
TJGS	162		
<b>Total TNB</b>	<b>190</b>		
EMPP	277		
NPRI	139		
PCGP	85		
PGLA	47		
PLPS	36		
SKSP	32		
SPGP	104		
<b>Total IPP</b>	<b>719</b>		
<b>Total Gas</b>	<b>910</b>		
<b>Total Gas Required</b>	<b>910</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	14525	13880	13351	13007	12778	12617	13050	13256	13717	15114	15875	16212	16001	15783	16477	16751	16896	16739	15805	15691	16767	16666	16062	15670

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)  
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