

### 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>17,691 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>24,207 MW</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:	16:00:00 Hour
Total Set On Bus	18,643 MW
TNB Generation	3,405 MW
IPP Generation	13,584 MW
Spinning Reserve	1,616 MW
Maximum Demand	17,001 MW
Net Energy	362,287 MWH
Load Factor	88.79 %

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	51
<b>Total TNB</b>	<b>80</b>
CBPS	44
EMPP	213
NPRI	85
PCGP	81
PGLA	8
SPGP	188
<b>Total IPP</b>	<b>618</b>
<b>Total Gas</b>	<b>697</b>
<b>Total Gas Required</b>	<b>820</b>

### Alternate Fuel Usage

Station	(mmscfd)
PGLA	31
EMPP	62
PGLA	30
<b>Total</b>	<b>123</b>

### Generation Mix

Type	MWh	Percentage
Hydro	27,858	7.69 %
Gas	40,603	11.21 %
<b>Total TNB</b>	<b>68,461</b>	<b>18.90 %</b>
ST-Coal	209,202	57.74 %
LSS	4,108	1.13 %
Distillate	12,159	3.36 %
Gas	67,894	18.74 %
<b>Total IPP</b>	<b>293,363</b>	<b>80.98 %</b>
Co-Gen	802	0.22 %
<b>Total Co-Gen</b>	<b>802</b>	<b>0.22 %</b>
<b>Total Generation</b>	<b>362,626</b>	<b>100.09 %</b>
PLTG	1,640	0.45 %
EGAT	6	0.00 %
HVDC	-1,307	-0.36 %
<b>Interconnection</b>	<b>339</b>	<b>0.09 %</b>
<b>Net Energy</b>	<b>362,287</b>	<b>100.00 %</b>

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	524
Hydro	532
Syncon	516
Thermal	137
<b>Total</b>	<b>1,709</b>

### Time Weather Temperature

### 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	14873	14152	13698	13158	12896	12761	13035	13231	13412	14777	15514	15990	15975	15806	16096	16816	17001	16791	15923	15955	16595	16307	15676	15358





