

Availability At Daily Maximum Demand Hour

| | | |
|------------------|---------------|-----------|
| ST-Coal | 1,200 | MW |
| ST-Gas | 0 | MW |
| ST-Oil | 155 | MW |
| Gas | 4,137 | MW |
| Hydro | 1,341 | MW |
| Distillate | 60 | MW |
| Total TNB | 6,893 | MW |
| Total IPP | 10,962 | MW |

System Total 17,908 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00

| | | |
|------------------|---------|-----|
| TNB Generation | 4,079 | MW |
| IPP Generation | 7,882 | MW |
| Total Set On Bus | 12,910 | MW |
| Maximum Demand | 12,028 | MW |
| Spinning Reserve | 896 | MW |
| Net Energy | 250,245 | MWH |
| Load Factor | 86.7 | % |

Maximum Demand Record

| | | |
|---------------|------------|---------------|
| Date : | 09/05/2011 | 15,476.0 MW |
| Date : | 10/05/2011 | 318,459.0 MWH |

Hourly System MW Generation

| | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |
|--------------|-------|-------|-------|-------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| System Total | 11159 | 10880 | 10488 | 10155 | 9720 | 9773 | 9638 | 9381 | 9086 | 9644 | 10208 | 10964 | 11141 | 10796 | 10929 | 10810 | 10681 | 10485 | 10567 | 10941 | 11988 | 12028 | 11769 | 11310 |

Gas Usage

| Station | (mmscfd) |
|------------------|------------|
| GLGR | 54 |
| PAKA | 84 |
| PGPS | 46 |
| TJGS | 155 |
| TNB Total | 338 |
| KLPP | 86 |
| MPSS | 19 |
| PGLA | 56 |
| SGB3 | 81 |
| SGRI | 41 |
| SKSP | 49 |
| YPGS | 31 |
| YPKA | 96 |
| IPP Total | 459 |
| Total Gas | 797 |

Total Gas Required : 948
Gas Calorific Value : 38.500

Alternate Fuel Usage

| Station | (mmscfd) |
|--------------|------------|
| PGPS | 33 |
| PKLG | 118 |
| Total | 151 |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|------------------|-----------------|
| ST-Coal | 26,906.00 | 10.75 % |
| ST-Oil | 3,112.00 | 1.24 % |
| Gas | 45,936.00 | 18.36 % |
| Hydro | 10,048.00 | 4.02 % |
| Total TNB | 86,002.0 | 34.37 % |
| ST-Coal | 91,740.0 | 36.66 % |
| ST-Gas | 489.0 | 0.20 % |
| ST-Oil | 11,496.0 | 4.59 % |
| Gas | 61,659.0 | 24.64 % |
| Total IPP | 165,384.0 | 66.09 % |
| Co-Gen | -364.0 | -0.15 % |
| Total Co-Gen | -364.0 | -0.15 % |
| Total Generation | 251,022.0 | 100.31 % |
| PLTG | -138.0 | -0.06 % |
| EGAT | 328.0 | 0.13 % |
| HVDC | 587.0 | 0.23 % |
| Interconnection | 777.0 | 0.31 % |
| Net Energy | 250,245.0 | 100.00 % |

Average SR During Peak Hour

| Type | MW |
|--------------|------------|
| GT | 284 |
| Hydro | 120 |
| Syncon | 426 |
| Thermal | 136 |
| Total | 965 |

| | Weather | Temperature |
|-----------|---------|-------------|
| Morning | Sunny | 28 |
| Afternoon | Hot | 32 |

| Station | Unit | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-----|----|---|
| SRRev ST-Coal | | 54 | 125 | 43 | 79 | 87 | 97 | 160 | 188 | 192 | 186 | 232 | 240 | 276 | 259 | 322 | 356 | 353 | 303 | 300 | 296 | 208 | 251 | 246 | 195 | 214 | 303 | 304 | 316 | 313 | 307 | 111 | 101 | 108 | 104 | 140 | 128 | 181 | 208 | 121 | 15 | 63 | 55 | 51 | 60 | -20 | 26 | 32 | 20 | | | |
| SRRev ST-Gas | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 13 | 13 | 7 | 4 | 15 | 1 | 20 | 20 | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SRRev ST-Oil | | -6 | -6 | -6 | -7 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 1 | -4 | -6 | -6 | -7 | -7 | -6 | -6 | -6 | -3 | 5 | -4 | -6 | -6 | -6 | -6 | -6 | -7 | -7 | -6 | -6 | -6 | -6 | -5 | -5 | -6 | -6 | -7 | -7 | -6 | |
| SRRev CCGT-Gas | | 680 | 688 | 769 | 447 | 594 | 506 | 544 | 596 | 764 | 637 | 627 | 854 | 741 | 563 | 457 | 600 | 616 | 317 | 353 | 569 | 414 | 420 | 320 | 315 | 287 | 250 | 234 | 270 | 315 | 298 | 535 | 734 | 858 | 947 | 1149 | 1089 | 1177 | 1158 | 972 | 368 | 201 | 179 | 266 | 190 | 436 | 307 | 375 | 386 | | | |
| SRRev OCGT-Gas | | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | | |
| SRRev Distillate | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SRRev Co-Gen | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Syncon | | 474 | 474 | 474 | 323 | 474 | 474 | 474 | 474 | 474 | 580 | 580 | 580 | 580 | 580 | 474 | 474 | 474 | 323 | 323 | 474 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | | |
| Hydro | | 130 | 88 | 100 | 20 | 86 | 88 | 64 | 90 | 196 | 113 | 73 | 128 | 73 | 143 | 46 | 124 | 106 | 107 | 118 | 158 | 161 | 120 | 123 | 72 | 140 | 58 | 168 | 203 | 157 | 164 | 219 | 150 | 148 | 143 | 152 | 138 | 120 | 135 | 87 | 236 | 249 | 261 | 4 | 90 | 150 | 134 | 111 | 34 | | | |
| S.Reserve Total | | 1331 | 1368 | 1379 | 861 | 1293 | 1217 | 1294 | 1400 | 1678 | 1568 | 1564 | 1854 | 1722 | 1209 | 1457 | 1712 | 1707 | 1359 | 1403 | 1497 | 1252 | 1258 | 1014 | 906 | 1116 | 1193 | 1298 | 1372 | 1371 | 1366 | 1453 | 1565 | 1691 | 1782 | 2015 | 1947 | 2071 | 2087 | 1761 | 1042 | 936 | 1069 | 896 | 914 | 1140 | 1040 | 1091 | 1014 | | | |