

Availability At Daily Maximum Demand Hour

| | | |
|---------------------|---------------|-----------|
| ST-Coal | 1,980 | MW |
| ST-Gas | 0 | MW |
| ST-Oil | 80 | MW |
| Gas | 4,046 | MW |
| Hydro | 1,740 | MW |
| Distillate | 60 | MW |
| Total TNB | 7,906 | MW |
| Total IPP | 10,687 | MW |
| Total Co-Gen | 51 | MW |
| System Total | 18,644 | MW |

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30

| | | |
|------------------|---------|-----|
| TNB Generation | 4,752 | MW |
| IPP Generation | 6,977 | MW |
| Total Set On Bus | 12,718 | MW |
| Maximum Demand | 11,737 | MW |
| Spinning Reserve | 938 | MW |
| Net Energy | 249,255 | MWH |
| Load Factor | 88.5 | % |

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 | 11433 | 10805 | 10529 | 10193 | 9837 | 9835 | 9961 | 9683 | 9169 | 9597 | 10122 | 10553 | 10607 | 10572 | 10623 | 10561 | 10603 | 10470 | 10260 | 10839 | 11688 | 11718 | 11418 | 11082 |

Gas Usage

| Station | (mmscfd) |
|------------------|------------|
| CBPS | 25 |
| GLGR | 56 |
| PGPS | 13 |
| TJGS | 117 |
| TNB Total | 210 |
| KLPP | 62 |
| MPSS | 27 |
| PGLA | 57 |
| PLPS | 39 |
| SGB3 | 31 |
| SKSP | 43 |
| YPGS | 39 |
| YPKA | 94 |
| IPP Total | 392 |
| Total Gas | 602 |

Total Gas Required : 732
Gas Calorific Value : 38.500

Alternate Fuel Usage

| Station | (mmscfd) |
|--------------|------------|
| PKLG | 126 |
| TJGS | 4 |
| Total | 130 |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|------------------|-----------------|
| ST-Coal | 44,097.00 | 17.69 % |
| Gas | 28,234.00 | 11.33 % |
| Hydro | 15,080.00 | 6.05 % |
| Distillate | 515.00 | 0.21 % |
| Total TNB | 87,926.0 | 35.28 % |
| ST-Coal | 92,371.0 | 37.06 % |
| ST-Oil | 12,343.0 | 4.95 % |
| Gas | 52,197.0 | 20.94 % |
| Total IPP | 156,911.0 | 62.95 % |
| Co-Gen | 1,432.0 | 0.57 % |
| Total Co-Gen | 1,432.0 | 0.57 % |
| Total Generation | 246,269.0 | 98.80 % |
| PLTG | 68.0 | 0.03 % |
| HVDC | -3,054.0 | -1.23 % |
| Interconnection | -2,986.0 | -1.20 % |
| Net Energy | 249,255.0 | 100.00 % |

Average SR During Peak Hour

| Type | MW |
|--------------|-------------|
| GT | 433 |
| Hydro | 157 |
| Syncon | 468 |
| Thermal | 107 |
| Total | 1164 |

Weather Temperature

| | Weather | Temperature |
|-----------|---------|-------------|
| Morning | Sunny | 26 |
| Afternoon | Hot | 33 |

Daily MW Generation On Sunday

11-Dec-2011

| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|------------|------------|-------------|-------------|-------------|-------------|---|----|
| SRev ST-Coal | | 24 | 18 | 30 | 24 | 33 | 114 | 168 | 245 | 256 | 318 | 317 | 320 | 207 | 179 | 284 | 423 | 421 | 422 | 406 | 404 | 400 | 302 | 177 | 175 | 160 | 182 | 185 | 182 | 181 | 184 | 184 | 179 | 173 | 174 | 277 | 278 | 362 | 354 | 124 | 33 | 37 | 19 | 7 | 17 | 21 | 19 | 9 | 12 | | |
| SRev 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SRev ST-Oil | | 17 | 17 | 17 | 11 | 4 | 4 | 3 | 3 | 4 | 53 | 57 | 57 | 56 | 56 | 57 | 57 | 57 | 57 | 56 | 15 | 4 | 4 | 3 | 5 | 5 | 7 | 9 | 9 | 8 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 18 |
| SRev CCGT-Gas | | 542 | 724 | 880 | 868 | 1195 | 1144 | 1278 | 1407 | 1144 | 1153 | 1139 | 1168 | 1122 | 1173 | 1174 | 1172 | 1165 | 1139 | 1063 | 929 | 794 | 599 | 622 | 534 | 630 | 760 | 818 | 754 | 706 | 697 | 629 | 703 | 684 | 550 | 663 | 743 | 841 | 867 | 514 | 464 | 257 | 277 | 219 | 176 | 187 | 385 | 453 | 748 | | |
| SRev OCGT-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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SRev Distillate | | 29 | 28 | 248 | 187 | 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 | | |
| SRev 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 | |
| Syncon | | 776 | 625 | 625 | 625 | 474 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 474 | 625 | 731 | 731 | 474 | 474 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 237 | 388 | 539 | 539 | 539 | 625 | 625 | 625 | | | |
| Hydro | | 191 | 262 | 93 | 77 | 373 | 282 | 261 | 121 | 271 | 235 | 100 | 248 | 122 | 241 | 242 | 203 | 144 | 275 | 260 | 179 | 111 | 92 | 197 | 173 | 210 | 230 | 252 | 178 | 133 | 101 | 90 | 310 | 77 | 208 | 194 | 141 | 132 | 124 | 150 | 201 | 355 | 193 | 143 | 244 | 246 | 236 | 239 | 191 | | |
| S.Reserve Total | | 1579 | 1674 | 1893 | 1792 | 2079 | 2169 | 2335 | 2401 | 2300 | 2384 | 2238 | 2418 | 2132 | 2123 | 2382 | 2586 | 2518 | 2367 | 2259 | 2152 | 1934 | 1622 | 1624 | 1512 | 1630 | 1804 | 1889 | 1748 | 1653 | 1610 | 1531 | 1669 | 1563 | 1561 | 1763 | 1791 | 1964 | 1974 | 1416 | 938 | 1040 | 1031 | 911 | 979 | 1082 | 1268 | 1330 | 1594 | | |