

Availability At Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 1,980 MW |
| ST-Gas | 0 MW |
| ST-Oil | 150 MW |
| Gas | 4,116 MW |
| Hydro | 1,874 MW |
| Distillate | 60 MW |
| Total TNB | 8,180 MW |
| Total IPP | 10,377 MW |
| Total Co-Gen | 84 MW |
| System Total | 19,201 MW |

Set On Bus, TNB, IPP And MD

| | |
|--------------------------------------|-------------|
| At Daily Maximum Demand Hour : 16:00 | |
| TNB Generation | 5,770 MW |
| IPP Generation | 6,890 MW |
| Total Set On Bus | 13,788 MW |
| Maximum Demand | 12,857 MW |
| Spinning Reserve | 1,044 MW |
| Net Energy | 273,359 MWH |
| Load Factor | 88.6 % |

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 | 10866 | 10458 | 9992 | 9652 | 9325 | 9350 | 9408 | 9659 | 9933 | 11167 | 11958 | 12419 | 12525 | 12401 | 12647 | 12739 | 12857 | 12510 | 11644 | 11553 | 12582 | 12568 | 12159 | 11984 |

Gas Usage

| Station | (mmscfd) |
|-----------------------|------------|
| GLGR | 54 |
| PAKA | 45 |
| PGPS | 53 |
| SRDG | 28 |
| TJGS | 208 |
| TNB Total | 388 |
| KLPP | 110 |
| PGLA | 108 |
| PLPS | 101 |
| SGB3 | 79 |
| SKSP | 49 |
| YPGS | 69 |
| YPKA | 55 |
| IPP Total | 571 |
| Total Gas | 958 |
| Total Gas Required : | 958 |
| Gas Calorific Value : | 38.500 |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|------------------|-----------------|
| ST-Coal | 46,913.00 | 17.16 % |
| Gas | 52,469.00 | 19.19 % |
| Hydro | 19,935.00 | 7.29 % |
| Total TNB | 119,317.0 | 43.65 % |
| ST-Coal | 73,897.0 | 27.03 % |
| Gas | 77,195.0 | 28.24 % |
| Total IPP | 151,092.0 | 55.27 % |
| Co-Gen | 2,282.0 | 0.83 % |
| Total Co-Gen | 2,282.0 | 0.83 % |
| Total Generation | 272,691.0 | 99.76 % |
| PLTG | -130.0 | -0.05 % |
| HVDC | -538.0 | -0.20 % |
| Interconnection | -668.0 | -0.24 % |
| Net Energy | 273,359.0 | 100.00 % |

Average SR During Peak Hour

| Type | MW |
|--------------|------------|
| GT | 230 |
| Hydro | 215 |
| Syncon | 376 |
| Thermal | 63 |
| Total | 884 |

Weather Temperature

| | Weather | Temperature |
|-----------|---------|-------------|
| Morning | Sunny | 28 |
| Afternoon | Hot | 30 |

| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|---|
| System Total | | 10866 | 10625 | 10458 | 10323 | 9992 | 9860 | 9652 | 9528 | 9325 | 9389 | 9350 | 9316 | 9408 | 9671 | 9659 | 9594 | 9933 | 10714 | 11167 | 11547 | 11958 | 12147 | 12419 | 12657 | 12525 | 12398 | 12401 | 12301 | 12647 | 12834 | 12739 | 12811 | 12857 | 12789 | 12510 | 12064 | 11644 | 11408 | 11553 | 12287 | 12582 | 12558 | 12568 | 12452 | 12159 | 12103 | 11984 | 11774 | | | |
| SRev ST-Coal | | 297 | 295 | 288 | 287 | 291 | 295 | 449 | 456 | 461 | 454 | 454 | 455 | 452 | 452 | 396 | 362 | 330 | 303 | 312 | 304 | 55 | 43 | 28 | 13 | -5 | 5 | 28 | 31 | 32 | 5 | 24 | 25 | 29 | 23 | 27 | 41 | 20 | 18 | 25 | 24 | 38 | 34 | 36 | 29 | 42 | 32 | 33 | | | | |
| 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 | 0 | |
| SRev ST-Oil | | 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 | 0 |
| SRev CCGT-Gas | | 449 | 598 | 851 | 1000 | 1171 | 1338 | 1270 | 1424 | 1512 | 1403 | 1460 | 1440 | 1330 | 1351 | 1385 | 1478 | 1255 | 546 | 303 | 268 | 169 | 191 | 181 | 156 | 164 | 159 | 147 | 147 | 159 | 216 | 251 | 158 | 164 | 190 | 222 | 173 | 235 | 475 | 364 | 207 | 147 | 128 | 171 | 107 | 174 | 60 | 58 | 209 | | | |
| 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 | -1 | -2 | -4 | -3 | 0 | 0 | 0 | 0 | | |
| SRev 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 | 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 | 0 | 0 |
| Syncon | | 539 | 539 | 539 | 388 | 539 | 539 | 539 | 388 | 388 | 539 | 539 | 539 | 539 | 539 | 539 | 539 | 237 | 323 | 323 | 323 | 323 | 323 | 625 | 625 | 625 | 474 | 323 | 323 | 474 | 474 | 474 | 560 | 862 | 862 | 862 | 711 | 409 | 388 | 388 | 388 | 388 | 625 | 776 | 776 | 776 | 776 | 776 | | | | |
| Hydro | | 94 | 99 | 104 | 222 | 111 | 99 | 101 | 132 | 178 | 96 | 100 | 99 | 88 | 134 | 76 | 84 | 72 | 73 | 72 | 74 | 169 | 408 | 360 | 286 | 436 | 362 | 373 | 390 | 235 | 257 | 325 | 201 | 191 | 134 | 213 | 73 | 44 | 80 | 221 | 191 | 337 | 307 | 345 | 225 | 163 | 131 | 92 | 85 | | | |
| S.Reserve Total | | 1379 | 1531 | 1782 | 1897 | 2112 | 2271 | 2359 | 2400 | 2539 | 2492 | 2553 | 2532 | 2412 | 2325 | 2452 | 2497 | 2228 | 1488 | 1217 | 1193 | 879 | 977 | 943 | 869 | 1058 | 1256 | 1265 | 1306 | 1017 | 1033 | 1112 | 1054 | 1044 | 1019 | 1216 | 1328 | 1232 | 1437 | 1314 | 832 | 895 | 859 | 934 | 990 | 1142 | 1009 | 958 | 1103 | | | |