

Availability At Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 2,070 MW |
| ST-Gas | 0 MW |
| ST-Oil | 140 MW |
| Gas | 4,280 MW |
| Hydro | 1,877 MW |
| Distillate | 0 MW |
| Total TNB | 8,367 MW |
| Total IPP | 10,853 MW |
| Total Co-Gen | 84 MW |
| System Total | 19,864 MW |

Set On Bus, TNB, IPP And MD

| | | |
|--------------------------------------|-------------|--|
| At Daily Maximum Demand Hour : 11:30 | | |
| TNB Generation | 5,399 MW | |
| IPP Generation | 7,866 MW | |
| Total Set On Bus | 14,313 MW | |
| Maximum Demand | 13,333 MW | |
| Spinning Reserve | 964 MW | |
| Net Energy | 286,280 MWH | |
| Load Factor | 89.5 % | |

Maximum Demand Record

| | | |
|--------|------------|---------------|
| Date : | 20/06/2012 | 15,826.0 MW |
| Date : | 20/06/2012 | 328,716.0 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 | 11603 | 10997 | 10642 | 10155 | 9883 | 9928 | 10113 | 10447 | 10585 | 12016 | 12705 | 13218 | 13275 | 12878 | 12788 | 13272 | 13267 | 12942 | 12238 | 12086 | 13196 | 12989 | 12627 | 12277 |

Gas Usage

| Station | (mmscfd) |
|------------------------------|---------------|
| GLGR | 57 |
| PAKA | 7 |
| PGPS | 43 |
| SRDG | 2 |
| TJGS | 210 |
| TNB Total | 319 |
| KLPP | 105 |
| MPSS | 44 |
| PGLA | 111 |
| PLPS | 89 |
| SGB3 | 64 |
| SKSP | 48 |
| YPGS | 35 |
| YPKA | 133 |
| IPP Total | 630 |
| Total Gas | 949 |
| Total Gas Required : | 949 |
| Gas Calorific Value : | 38,500 |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|------------------|-----------------|
| ST-Coal | 49,329.00 | 17.23 % |
| Gas | 43,578.00 | 15.22 % |
| Hydro | 17,517.00 | 6.12 % |
| Total TNB | 110,424.0 | 38.57 % |
| ST-Coal | 90,726.0 | 31.69 % |
| Gas | 82,278.0 | 28.74 % |
| Total IPP | 173,004.0 | 60.43 % |
| Co-Gen | 2,220.0 | 0.78 % |
| Total Co-Gen | 2,220.0 | 0.78 % |
| Total Generation | 285,648.0 | 99.78 % |
| PLTG | 66.0 | 0.02 % |
| HVDC | -698.0 | -0.24 % |
| Interconnection | -632.0 | -0.22 % |
| Net Energy | 286,280.0 | 100.00 % |

Average SR During Peak Hour

| Type | MW |
|--------------|------------|
| GT | 489 |
| Hydro | 241 |
| Syncon | 192 |
| Thermal | 20 |
| Total | 942 |

| | Weather | Temperature |
|-----------|---------|-------------|
| Morning | Cloudy | 25 |
| Afternoon | Cloudy | 33 |

| 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-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 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRev CCGT-Gas | | 387 | 593 | 743 | 999 | 1085 | 1518 | 1668 | 1742 | 1670 | 1679 | 1699 | 1637 | 1576 | 1430 | 1276 | 1253 | 1081 | 805 | 534 | 616 | 576 | 493 | 497 | 487 | 559 | 533 | 562 | 563 | 579 | 568 | 516 | 531 | 550 | 550 | 672 | 436 | 702 | 797 | 743 | 447 | 358 | 554 | 571 | 628 | 675 | 565 | 497 | 431 | | | |
| 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 | 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 | | 625 | 726 | 726 | 726 | 726 | 575 | 726 | 575 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 726 | 474 | 323 | 172 | 172 | 172 | 172 | 172 | 172 | 323 | 323 | 323 | 323 | 172 | 172 | 172 | 172 | 172 | 323 | 475 | 625 | 625 | 172 | 172 | 86 | 86 | 86 | 86 | 237 | 388 | 539 | | | | | |
| Hydro | | 31 | 91 | 85 | 83 | 92 | 228 | 95 | 235 | 99 | 87 | 93 | 88 | 74 | 192 | 94 | 86 | 104 | 222 | 230 | 166 | 316 | 434 | 269 | 270 | 272 | 307 | 286 | 378 | 319 | 358 | 311 | 231 | 230 | 233 | 247 | 176 | 135 | 261 | 242 | 464 | 164 | 232 | 352 | 258 | 279 | 254 | 258 | 102 | | | |
| S.Reserve Total | | 1083 | 1436 | 1576 | 1840 | 1930 | 2346 | 2509 | 2701 | 2723 | 2762 | 2780 | 2716 | 2632 | 2487 | 2272 | 2257 | 2101 | 1807 | 1509 | 1274 | 1239 | 1104 | 1050 | 978 | 1053 | 1035 | 1192 | 1280 | 1245 | 1261 | 1027 | 968 | 967 | 971 | 1140 | 952 | 1330 | 1707 | 1624 | 1107 | 797 | 1006 | 1084 | 999 | 1051 | 1076 | 1161 | 1084 | | | |