

Availability At Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 1,380 MW |
| ST-Gas | 70 MW |
| ST-Oil | 0 MW |
| Gas | 4,163 MW |
| Hydro | 1,716 MW |
| Distillate | 0 MW |
| Total TNB | 7,329 MW |
| Total IPP | 10,021 MW |
| Total Co-Gen | 70 MW |
| System Total | 17,984 MW |

Set On Bus, TNB, IPP And MD

| | |
|--------------------------------------|-------------|
| At Daily Maximum Demand Hour : 20:30 | |
| TNB Generation | 4,518 MW |
| IPP Generation | 8,259 MW |
| Total Set On Bus | 13,974 MW |
| Maximum Demand | 12,842 MW |
| Spinning Reserve | 1,127 MW |
| Net Energy | 273,811 MWH |
| Load Factor | 88.8 % |

Maximum Demand Record

| | | |
|--------|------------|--------------|
| Date : | 13/05/2013 | 16,562.0MW |
| Date : | 25/06/2013 | 345,254.0MWH |

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 | 12267 | 11556 | 11043 | 10753 | 10623 | 10364 | 10327 | 10099 | 9878 | 10461 | 11078 | 11546 | 11631 | 11571 | 11758 | 11729 | 11717 | 11473 | 11301 | 12071 | 12803 | 12812 | 12473 | 12167 |

Gas Usage

| Station | (mmscfd) |
|------------------------------|---------------|
| CBPS | 38 |
| PAKA | 178 |
| PGPS | 31 |
| SRDG | 5 |
| TJGS | 112 |
| TNB Total | 365 |
| KLPP | 72 |
| MPSS | 44 |
| PGLA | 113 |
| PLPS | 103 |
| SGB3 | 53 |
| SGRI | 211 |
| SKSP | 55 |
| YPGS | 29 |
| YPKA | 90 |
| IPP Total | 770 |
| Total Gas | 1,135 |
| Total Gas Required : | 1,135 |
| Gas Calorific Value : | 38,500 |

Generation Mix

| Type | MWh | Percentage |
|-------------------------|------------------|-----------------|
| ST-Coal | 32,132.00 | 11.74 % |
| Gas | 46,419.00 | 16.95 % |
| Hydro | 11,150.00 | 4.07 % |
| Total TNB | 89,701.0 | 32.76 % |
| ST-Coal | 82,514.0 | 30.14 % |
| Gas | 100,286.0 | 36.63 % |
| Total IPP | 182,800.0 | 66.76 % |
| Co-Gen | 1,616.0 | 0.59 % |
| Total Co-Gen | 1,616.0 | 0.59 % |
| Total Generation | 274,117.0 | 100.11 % |
| PLTG | 379.0 | 0.14 % |
| HVDC | -73.0 | -0.03 % |
| Interconnection | 306.0 | 0.11 % |
| Net Energy | 273,811.0 | 100.00 % |

Average SR During Peak Hour

| Type | MW |
|--------------|-------------|
| GT | 316 |
| Hydro | 91 |
| Syncon | 492 |
| Thermal | 105 |
| Total | 1004 |

| | Weather | Temperature |
|-----------|---------|-------------|
| Morning | Sunny | 25 |
| Afternoon | Hot | 34 |

Daily MW Generation On Sunday

13-Oct-2013

| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|---|
| TIE-PLTG | | -24 | 66 | 62 | -100 | 94 | 92 | 81 | 91 | -70 | -7 | 3 | 97 | 101 | -33 | 53 | 30 | -100 | 59 | 3 | -71 | -114 | -21 | 12 | 0 | -50 | -5 | -30 | -39 | 22 | 7 | 178 | -18 | 44 | -29 | 64 | 15 | 50 | 56 | -65 | 79 | 59 | 5 | 41 | -34 | 99 | -28 | 25 | 9 | | |
| Interconnection | | -24 | 66 | 62 | -100 | 94 | 92 | 81 | 91 | -70 | -7 | 3 | 97 | 101 | -33 | 53 | 30 | -100 | 59 | 3 | -71 | -114 | -21 | 12 | 0 | -50 | -5 | -30 | -39 | 22 | 7 | 178 | -18 | 44 | -29 | 64 | 15 | 50 | 56 | -65 | 79 | 59 | 5 | 41 | -64 | 70 | -56 | -5 | -20 | | |
| System Total | | 12267 | 11857 | 11556 | 11395 | 11043 | 10944 | 10753 | 10654 | 10623 | 10504 | 10364 | 10318 | 10327 | 10470 | 10099 | 9946 | 9878 | 10122 | 10461 | 10755 | 11078 | 11331 | 11546 | 11633 | 11631 | 11537 | 11571 | 11606 | 11758 | 11894 | 11729 | 11776 | 11717 | 11778 | 11473 | 11373 | 11301 | 11302 | 12071 | 12688 | 12803 | 12842 | 12812 | 12744 | 12473 | 12549 | 12167 | 12060 | | |
| SRev ST-Coal | | 117 | 115 | 116 | 113 | 121 | 121 | 125 | 122 | 195 | 310 | 298 | 316 | 309 | 350 | 356 | 414 | 408 | 409 | 412 | 326 | 325 | 240 | 110 | 112 | 113 | 202 | 186 | 183 | 118 | 118 | 125 | 119 | 112 | 113 | 123 | 111 | 112 | 115 | 118 | 121 | 125 | 122 | 126 | 121 | 103 | 110 | 109 | 118 | | |
| 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 CCGT-Gas | | 241 | 551 | 877 | 1151 | 844 | 954 | 1146 | 1232 | 1338 | 1283 | 1373 | 1397 | 1294 | 1232 | 1424 | 1478 | 1456 | 1061 | 873 | 845 | 704 | 449 | 372 | 401 | 467 | 427 | 475 | 462 | 309 | 424 | 508 | 693 | 673 | 692 | 887 | 1053 | 1091 | 1175 | 588 | 303 | 241 | 201 | 119 | 154 | 199 | 170 | 359 | 257 | | |
| 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 |
| Syncon | | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 474 | 625 | 474 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 474 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 474 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | |
| Hydro | | 74 | 83 | 91 | 72 | 96 | 95 | 93 | 108 | 79 | 217 | 83 | 146 | 89 | 79 | 112 | 92 | 78 | 94 | 221 | 97 | 96 | 87 | 109 | 105 | 100 | 95 | 99 | 94 | 103 | 111 | 116 | 223 | 96 | 95 | 101 | 100 | 101 | 107 | 83 | 240 | 102 | 107 | 99 | 136 | 117 | 117 | 121 | 117 | | |
| S.Reserve Total | | 1057 | 1374 | 1709 | 1961 | 1686 | 1795 | 1989 | 2087 | 2237 | 2284 | 2379 | 2333 | 2317 | 2286 | 2517 | 2609 | 2567 | 2189 | 1980 | 1893 | 1750 | 1401 | 1216 | 1243 | 1305 | 1349 | 1385 | 1364 | 1155 | 1278 | 1374 | 1509 | 1506 | 1525 | 1736 | 1889 | 1929 | 2022 | 1414 | 1193 | 1104 | 1127 | 1040 | 1086 | 1044 | 1022 | 1214 | 1117 | | |