

Availability At Daily Maximum Demand Hour

|                     |                  |
|---------------------|------------------|
| ST-Coal             | 2,070 MW         |
| ST-Gas              | 0 MW             |
| ST-Oil              | 106 MW           |
| Gas                 | 2,664 MW         |
| Hydro               | 1,838 MW         |
| Distillate          | 840 MW           |
| <b>Total TNB</b>    | <b>7,518 MW</b>  |
| <b>Total IPP</b>    | <b>10,179 MW</b> |
| <b>Total Co-Gen</b> | <b>50 MW</b>     |
| <b>System Total</b> | <b>17,747 MW</b> |

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

|                  |             |
|------------------|-------------|
| TNB Generation   | 6,294 MW    |
| IPP Generation   | 9,430 MW    |
| Total Set On Bus | 16,719 MW   |
| Maximum Demand   | 15,914 MW   |
| Spinning Reserve | 945 MW      |
| Net Energy       | 328,940 MWH |
| Load Factor      | 86.1 %      |

Maximum Demand Record

|        |            |               |
|--------|------------|---------------|
| Date : | 19/03/2013 | 16,133.0 MW   |
| Date : | 20/03/2013 | 333,019.0 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 | 12946 | 12368 | 11976 | 11468 | 11321 | 11144 | 11262 | 11332 | 11965 | 13606 | 14641 | 15268 | 15289 | 14974 | 15570 | 15860 | 15914 | 15508 | 14308 | 13990 | 14918 | 14941 | 14415 | 14027 |

Gas Usage

| Station          | (mmscfd)     |
|------------------|--------------|
| CBPS             | 47           |
| GLGR             | 59           |
| PAKA             | 113          |
| PGPS             | 43           |
| SRDG             | 3            |
| TJGS             | 103          |
| <b>TNB Total</b> | <b>368</b>   |
| KLPP             | 63           |
| MPSS             | 54           |
| PGLA             | 73           |
| PLPS             | 99           |
| PTEK             | 3            |
| SGRI             | 176          |
| SKSP             | 38           |
| YPGS             | 34           |
| YPKA             | 131          |
| <b>IPP Total</b> | <b>672</b>   |
| <b>Total Gas</b> | <b>1,040</b> |

Total Gas Required : 1,399  
Gas Calorific Value : 38,500

Alternate Fuel Usage

| Station      | (mmscfd)   |
|--------------|------------|
| CBPS         | 21         |
| KLPP         | 40         |
| PDPS         | 41         |
| PGLA         | 37         |
| PGPS         | 13         |
| PKLG         | 131        |
| PTEK         | 13         |
| SGRI         | 27         |
| SRDG         | 35         |
| <b>Total</b> | <b>360</b> |

Generation Mix

| Type                    | MWh              | Percentage      |
|-------------------------|------------------|-----------------|
| ST-Coal                 | 49,658.00        | 15.10 %         |
| ST-Oil                  | 1,229.00         | 0.37 %          |
| Gas                     | 46,822.00        | 14.23 %         |
| Hydro                   | 19,093.00        | 5.80 %          |
| Distillate              | 5,184.00         | 1.58 %          |
| <b>Total TNB</b>        | <b>121,986.0</b> | <b>37.08 %</b>  |
| ST-Coal                 | 85,307.0         | 25.93 %         |
| ST-Oil                  | 12,878.0         | 3.91 %          |
| Gas                     | 87,746.0         | 26.68 %         |
| Distillate              | 18,201.0         | 5.53 %          |
| <b>Total IPP</b>        | <b>204,132.0</b> | <b>62.06 %</b>  |
| Co-Gen                  | 1,437.0          | 0.44 %          |
| <b>Total Co-Gen</b>     | <b>1,437.0</b>   | <b>0.44 %</b>   |
| <b>Total Generation</b> | <b>327,555.0</b> | <b>99.58 %</b>  |
| PLTG                    | -686.0           | -0.21 %         |
| HVDC                    | -699.0           | -0.21 %         |
| <b>Interconnection</b>  | <b>-1,385.0</b>  | <b>-0.42 %</b>  |
| <b>Net Energy</b>       | <b>328,940.0</b> | <b>100.00 %</b> |

Average SR During Peak Hour

| Type         | MW         |
|--------------|------------|
| GT           | 286        |
| Hydro        | 154        |
| Syncon       | 378        |
| Thermal      | 29         |
| <b>Total</b> | <b>847</b> |

Weather Temperature

| Weather   | Temperature |
|-----------|-------------|
| Morning   | Sunny 25    |
| Afternoon | Hot 36      |



| 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  |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CBPS             | GT03 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| CBPS             | GT04 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| CBPS             | GT05 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| CBPS             | GT06 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| KLPP             | GT14 | 126   | 125   | 125   | 124   | 123   | 125   | 124   | 124   | 102   | 102   | 67    | 67    | 39    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| KLPP             | GT15 | 133   | 133   | 133   | 133   | 132   | 132   | 132   | 131   | 113   | 115   | 70    | 70    | 69    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| PDPS             | GT01 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| PDPS             | GT02 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| PDPS             | GT03 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| PDPS             | GT04 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| PGLA             | GT12 | 218   | 218   | 220   | 217   | 220   | 219   | 220   | 173   | 171   | 173   | 171   | 173   | 167   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| PTEK             | GT1B | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| SGRI             | GT11 | 129   | 129   | 129   | 129   | 129   | 129   | 129   | 128   | 128   | 108   | 108   | 107   | 44    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| SGRI             | GT22 | 127   | 127   | 126   | 126   | 126   | 126   | 126   | 125   | 125   | 110   | 110   | 96    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| SRDG             | GT01 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| SRDG             | GT04 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| SRDG             | GT05 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Distillate |      | 733   | 732   | 733   | 729   | 730   | 731   | 731   | 683   | 639   | 641   | 526   | 528   | 478   | 44    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| PCUF             | CUFG | 23    | 24    | 25    | 24    | 24    | 24    | 25    | 24    | 24    | 24    | 24    | 25    | 24    | 25    | 24    | 24    | 25    | 25    | 25    | 25    | 26    | 25    | 24    | 24    |
| PCUF             | CUFK | 30    | 30    | 30    | 31    | 29    | 32    | 33    | 32    | 31    | 33    | 33    | 32    | 33    | 32    | 33    | 32    | 30    | 31    | 29    | 27    | 24    | 22    | 24    | 27    |
| Total Co-Gen     |      | 53    | 54    | 55    | 55    | 53    | 56    | 58    | 56    | 55    | 57    | 57    | 57    | 58    | 56    | 54    | 56    | 53    | 52    | 49    | 47    | 48    | 53    | 51    | 52    |
| Total Gen        |      | 12975 | 12627 | 12276 | 12115 | 11994 | 11744 | 11524 | 11389 | 11283 | 11266 | 11164 | 11107 | 11116 | 11503 | 11329 | 11280 | 12015 | 12810 | 13497 | 14096 | 14448 | 14692 | 15040 | 15211 |
| TIE-EGAT         |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| TIE-HVDC         |      | -29   | -29   | -30   | -30   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -28   | -30   | -30   | -30   | -29   | -29   | -29   | -30   | -29   | -30   |
| TIE-PLTG         |      | 58    | -23   | -62   | -29   | 47    | 14    | 85    | -40   | -9    | 63    | 49    | -6    | -117  | -28   | 26    | -17   | 79    | -136  | -80   | 41    | -165  | -219  | -198  | -134  |
| Interconnection  |      | 29    | -82   | -92   | -59   | 18    | -15   | 56    | -69   | -38   | 34    | 20    | -35   | -146  | -57   | -3    | -46   | 50    | -165  | -109  | 12    | -193  | -247  | -228  | -164  |
| System Total     |      | 12946 | 12679 | 12368 | 12174 | 11976 | 11759 | 11468 | 11458 | 11321 | 11232 | 11144 | 11142 | 11262 | 11560 | 11332 | 11326 | 11965 | 12975 | 13606 | 14084 | 14641 | 14939 | 15268 | 15375 |
| SRev ST-Coal     |      | 12    | 8     | 3     | 13    | 12    | 8     | 18    | 12    | 18    | 15    | 16    | 12    | 13    | 13    | 51    | 10    | 11    | 11    | 6     | 9     | 5     | 11    | 18    | 14    |
| 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     |
| SRev ST-Oil      |      | 11    | 10    | 13    | 14    | 15    | 14    | 15    | 13    | 13    | 13    | 14    | 47    | 63    | 13    | 12    | 12    | 13    | 11    | 13    | 19    | 22    | 21    | 22    | 23    |
| SRev CCGT-Gas    |      | 206   | 472   | 835   | 980   | 1096  | 1447  | 1546  | 1650  | 1691  | 1707  | 1718  | 1716  | 1668  | 1569  | 1780  | 1879  | 1469  | 1150  | 527   | 206   | 150   | 170   | 173   | 189   |
| 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     |
| SRev Distillate  |      | 57    | 58    | 57    | 61    | 60    | 59    | 59    | 107   | 151   | 149   | 264   | 262   | 312   | 96    | 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     |
| Syncon           |      | 625   | 625   | 776   | 776   | 776   | 625   | 776   | 776   | 776   | 625   | 776   | 625   | 776   | 625   | 776   | 625   | 776   | 625   | 776   | 625   | 776   | 625   | 776   | 625   |
| Hydro            |      | 96    | 87    | 76    | 78    | 77    | 136   | 96    | 79    | 96    | 108   | 227   | 103   | 213   | 214   | 82    | 77    | 103   | 85    | 79    | 218   | 25    | 66    | 43    | 130   |
| S.Reserve Total  |      | 1007  | 1260  | 1760  | 1922  | 2036  | 2289  | 2510  | 2637  | 2745  | 2768  | 2864  | 2916  | 2894  | 2530  | 2701  | 2754  | 2372  | 2033  | 1401  | 1077  | 859   | 844   | 926   | 885   |

