

## Daily System Generation Summary on Saturday

Saturday, July 31, 2021

### Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,206 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,206 MW  |
| Total IPP    | 17,784 MW |
| Total Co-Gen | 0 MW      |
| Total System | 23,250 MW |

### Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 13,774         | 4.37 %          |
| Gas                     | 63,782         | 20.23 %         |
| <b>Total TNB</b>        | <b>77,556</b>  | <b>24.60 %</b>  |
| ST-Coal                 | 178,850        | 56.73 %         |
| LSS                     | 2,977          | 0.94 %          |
| Gas                     | 55,275         | 17.53 %         |
| <b>Total IPP</b>        | <b>237,102</b> | <b>75.20 %</b>  |
| Co-Gen                  | 176            | 0.06 %          |
| <b>Total Co-Gen</b>     | <b>176</b>     | <b>0.06 %</b>   |
| <b>Total Generation</b> | <b>314,834</b> | <b>99.86 %</b>  |
| PLTG                    | 246            | 0.08 %          |
| HVDC                    | -698           | -0.22 %         |
| <b>Interconnection</b>  | <b>-452</b>    | <b>-0.14 %</b>  |
| <b>Net Energy</b>       | <b>315,286</b> | <b>100.00 %</b> |

### Maximum Demand Record

|                 |             |
|-----------------|-------------|
| Date: 3/10/2020 | 18,808 MW   |
| Date: 3/10/2020 | 394,238 MWH |

### Set On Bus, TNB, IPP And MD

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 20:30:00 Hour |
| Total Set On Bus              | 16,091 MW     |
| TNB Generation                | 3,905 MW      |
| IPP Generation                | 10,870 MW     |
| Spinning Reserve              | 1,308 MW      |
| Maximum Demand                | 14,814 MW     |
| Net Energy                    | 315,286 MWH   |
| Load Factor                   | 88.68 %       |

### Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 49,034,444.95 RM |
| Cost per Unit | 15.57 cents/kWH  |

### Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 274          |
| Hydro        | 192          |
| Syncon       | 667          |
| Thermal      | 558          |
| <b>Total</b> | <b>1,691</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 33          |
| Morning   | Sunny   | 25          |

### Gas Usage

| Station                   | (mmscfd)   |
|---------------------------|------------|
| GLGR                      | 46         |
| TJGS                      | 217        |
| <b>Total TNB</b>          | <b>263</b> |
| CBPS                      | 54         |
| NPRI                      | 159        |
| PGLA                      | 55         |
| <b>Total IPP</b>          | <b>268</b> |
| <b>Total Gas</b>          | <b>531</b> |
| <b>Total Gas Required</b> | <b>531</b> |

### Alternate Fuel Usage

| Station      | (mmscfd) |
|--------------|----------|
| <b>Total</b> | <b>0</b> |

### Hourly System MW Generation

|              | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| System Total | 14072 | 13439 | 12906 | 12496 | 12137 | 11826 | 11795 | 11599 | 11295 | 12098 | 12596 | 12922 | 12983 | 13031 | 13404 | 13603 | 13738 | 13558 | 13210 | 13352 | 14806 | 14802 | 14696 | 14691 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, August 5, 2021 11:03:11 PM Head  
Grid System Operator

(Ir. Shanmugam Thoppalan)

| 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 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| JMAH    | U001 | 551  | 446  | 400  | 322  | 302  | 301  | 301  | 302  | 302  | 300  | 301  | 301  | 301  | 302  | 301  | 301  | 321  | 513  | 604  | 598  | 695  | 693  | 691  | 691  | 612 | 602 | 692 | 689 | 692 | 690 | 693 | 692 | 657 | 598 | 603 | 601 | 601 | 652 | 692 | 693 | 693 | 694 | 691 | 693 | 693 | 691 | 693 |     |
| JMHE    | U001 | 896  | 901  | 900  | 849  | 850  | 850  | 778  | 781  | 779  | 780  | 781  | 780  | 778  | 778  | 781  | 780  | 782  | 784  | 831  | 828  | 825  | 830  | 831  | 829  | 831 | 828 | 829 | 830 | 868 | 869 | 870 | 874 | 868 | 872 | 874 | 907 | 950 | 949 | 947 | 950 | 950 | 951 | 950 | 953 |     |     |     |     |
| JMHE    | U002 | 895  | 903  | 901  | 849  | 849  | 854  | 779  | 780  | 778  | 780  | 780  | 781  | 779  | 782  | 777  | 779  | 779  | 780  | 781  | 780  | 784  | 831  | 831  | 826  | 829 | 831 | 829 | 828 | 831 | 831 | 829 | 872 | 871 | 870 | 874 | 871 | 869 | 874 | 893 | 943 | 948 | 948 | 948 | 949 | 950 | 950 | 954 |     |
| JMJG    | U001 | 594  | 615  | 643  | 651  | 668  | 670  | 621  | 629  | 623  | 596  | 512  | 505  | 508  | 508  | 502  | 536  | 542  | 579  | 669  | 672  | 674  | 669  | 670  | 671  | 671 | 671 | 666 | 664 | 664 | 667 | 666 | 667 | 663 | 661 | 662 | 669 | 666 | 666 | 664 | 666 | 664 | 667 | 667 | 666 | 666 | 669 | 664 | 669 |
| JMJG    | U002 | 649  | 542  | 492  | 442  | 392  | 399  | 342  | 324  | 283  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |
| JMJG    | U003 | 596  | 610  | 638  | 645  | 668  | 672  | 618  | 629  | 620  | 600  | 510  | 506  | 505  | 503  | 508  | 545  | 548  | 579  | 672  | 670  | 671  | 670  | 667  | 672  | 669 | 668 | 666 | 669 | 670 | 669 | 665 | 677 | 671 | 665 | 667 | 667 | 668 | 668 | 667 | 668 | 671 | 669 | 668 | 667 | 669 | 665 | 666 |     |
| JMJG    | U004 | 938  | 903  | 905  | 884  | 856  | 855  | 810  | 787  | 785  | 785  | 785  | 786  | 786  | 787  | 786  | 785  | 785  | 785  | 787  | 787  | 786  | 801  | 838  | 835  | 839 | 836 | 838 | 839 | 836 | 836 | 837 | 834 | 862 | 876 | 874 | 876 | 874 | 877 | 876 | 895 | 934 | 944 | 948 | 946 | 947 | 949 | 945 | 946 |
| JMJG    | U005 | 891  | 891  | 895  | 850  | 852  | 850  | 808  | 804  | 805  | 804  | 804  | 805  | 805  | 803  | 805  | 803  | 806  | 805  | 804  | 805  | 803  | 826  | 829  | 832  | 829 | 830 | 829 | 829 | 830 | 831 | 829 | 873 | 872 | 872 | 871 | 870 | 876 | 872 | 892 | 890 | 895 | 888 | 887 | 890 | 889 | 890 | 892 |     |
| PKLG    | U006 | 448  | 447  | 404  | 328  | 272  | 266  | 268  | 268  | 269  | 268  | 267  | 271  | 267  | 271  | 266  | 267  | 271  | 267  | 270  | 311  | 409  | 443  | 449  | 448  | 447 | 448 | 449 | 449 | 440 | 448 | 446 | 449 | 447 | 449 | 449 | 449 | 449 | 449 | 449 | 448 | 449 | 448 | 449 | 446 | 449 | 446 |     |     |
| TBIN    | U001 | 449  | 449  | 348  | 310  | 299  | 298  | 299  | 301  | 299  | 300  | 299  | 300  | 299  | 300  | 299  | 300  | 299  | 300  | 300  | 298  | 298  | 299  | 299  | 299  | 350 | 350 | 399 | 440 | 550 | 679 | 688 | 691 | 687 | 662 | 597 | 497 | 500 | 500 | 505 | 662 | 687 | 684 | 689 | 687 | 692 | 688 | 687 |     |

# Daily MW Generation on Saturday

|                  |      | 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  |     |
|------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| PGAU             | HY01 |      | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 19    | -1    | -1    | -1    | -1    | -1    | -1    | -1    |     |
| SIHY             | HY01 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 48    | 48    | 47    | 47    |     |
| SIHY             | HY02 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 50    | 50    | 50    | 50    |     |
| SIHY             | HY03 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 49    | 50    | 50    | 50    |     |
| SYPS             | HY02 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 25    | 25    | 25    | 25    |     |
| SYPS             | HY03 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 17    | 25    | 25    | 25    | 25    |     |
| SYPS             | HY04 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 25    | 25    | 25    | 25    |     |
| TMGR             | HY01 |      | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 83    | 82    | -1    | -1    |     |
| TMGR             | HY02 |      | 47    | 45    | 44    | 46    | 45    | 43    | 47    | 43    | 41    | 44    | 45    | 45    | 46    | 44    | 46    | 58    | 45    | 57    | 87    | 90    | 46    | 83    | 44    | 70    |     |
| TMGR             | HY03 |      | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 0     | 0     | 0     | 0     | 33    | 31    | -1    | -1    | -1    | -1    | -1    | -1    | -1    |     |
| TMGR             | HY04 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 81    | 81    | 33    | 33    |     |
| UJLI             | HY01 |      | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 94    | 93    | -1    | -1    | -1    | -1    | -1    |     |
| UJLI             | HY02 |      | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | -1    | 91    | -1    | 93    | 91    |     |
| UPIA             | HY01 |      | 4     | 4     | 4     | 4     | 4     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 4     | 4     | 4     | 4     | 4     | 4     | 4     |     |
| UPIA             | HY02 |      | 4     | 5     | 5     | 5     | 5     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     |     |
| Total Hydro      |      |      | 423   | 320   | 317   | 376   | 387   | 315   | 398   | 320   | 309   | 309   | 368   | 373   | 358   | 368   | 829   | 485   | 408   | 562   | 515   | 590   | 623   | 626   | 581   | 652   | 551 |
| Total 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   |
| BDLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 4     | 7     | 10    | 12    | 17    | 20    | 24    | 10    | 26    | 25    |     |
| BKLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 7     | 9     | 23    | 8     | 23    | 11    | 31    | 22    | 15    | 6     |     |
| BSLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 7     | 11    | 11    | 19    | 26    | 25    | 32    | 21    |     |
| CHLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 8     | 9     | 18    | 18    | 13    | 5     | 11    | 41    | 13    | 42    |     |
| GBLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 4     | 7     | 14    | 32    | 16    | 23    | 15    | 30    | 38    | 48    |     |
| GELS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 10    | 9     | 15    | 11    | 18    | 18    | 29    | 6     | 15    | 8     |     |
| GNLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 5     | 8     | 7     | 23    | 34    | 35    | 23    | 9     | 2     | 13    | 11    |     |
| JSLs             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 5     | 10    | 22    | 19    | 15    | 22    | 42    | 41    | 44    | 26    |     |
| KKLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 4     | 8     | 14    | 14    | 20    | 18    | 32    | 27    | 40    | 7     |     |
| KRLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 11    | 18    | 17    | 16    | 23    | 30    | 20    | 21    | 22    | 22    |     |
| MCLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 5     | 14    | 18    | 25    | 32    | 30    | 28    | 40    | 47    | 44    | 26    |     |
| SPLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 3     | 11    | 17    | 33    | 18    | 41    | 30    | 38    | 52    | 52    | 49    |     |
| SSLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 4     | 5     | 7     | 17    | 30    | 28    | 40    | 39    | 38    | 39    |     |
| STLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 4     | 7     | 5     | 12    | 9     | 21    | 24    | 24    | 13    | 10    | 16    |     |
| TBLS             | LSS1 |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 13    | 10    | 10    | 28    | 24    | 30    | 21    | 30    | 14    | 8     |     |
| Total LSS        |      |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 8     | 38    | 103   | 151   | 220   | 292   | 325   | 357   | 350   | 469   | 388   |     |
| PCUF             | CUFG |      | 4     | 3     | 4     | 3     | 4     | 3     | 5     | 3     | 3     | 4     | 3     | 4     | 4     | 3     | 3     | 4     | 3     | 3     | 2     | 2     | 3     | 3     | 2     | 4     |     |
| PCUF             | CUFK |      | 5     | 4     | 4     | 5     | 5     | 5     | 4     | 3     | 5     | 5     | 4     | 3     | 5     | 4     | 4     | 4     | 4     | 5     | 3     | 4     | 4     | 5     | 4     | 3     |     |
| Total Co-Gen     |      |      | 9     | 7     | 8     | 8     | 9     | 8     | 9     | 6     | 8     | 8     | 8     | 6     | 9     | 7     | 7     | 7     | 8     | 8     | 8     | 7     | 8     | 6     | 7     | 5     | 5   |
| Total Gen        |      |      | 14065 | 13734 | 13475 | 13047 | 12912 | 12694 | 12467 | 12287 | 12136 | 11945 | 11824 | 11830 | 11800 | 11808 | 11622 | 11337 | 11262 | 11683 | 12037 | 12316 | 12528 | 12731 | 12841 | 12894 |     |
| 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         |      |      | -30   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -30   | -30   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   | -29   |     |
| TIE-PLTG         |      |      | 33    | 69    | 75    | 3     | 46    | 39    | 11    | 59    | 39    | 2     | 39    | 66    | 44    | 28    | 62    | 68    | 7     | -9    | -21   | -38   | -29   | -37   | -41   | -123  |     |
| Interconnection  |      |      | 3     | 40    | 46    | -26   | 17    | 10    | -18   | 30    | 10    | -27   | 9     | 37    | 15    | -1    | 33    | 39    | -22   | -38   | -50   | -67   | -57   | -67   | -70   | -152  |     |
| System Total     |      |      | 14072 | 13704 | 13439 | 13083 | 12906 | 12695 | 12496 | 12268 | 12137 | 11983 | 11826 | 11804 | 11795 | 11819 | 11599 | 11308 | 11295 | 11732 | 12098 | 12394 | 12596 | 12809 | 12922 | 13057 |     |
| SRev ST-Coal     |      |      | 729   | 837   | 889   | 823   | 832   | 819   | 1015  | 1024  | 1080  | 882   | 880   | 878   | 876   | 879   | 878   | 881   | 877   | 878   | 777   | 780   | 769   | 653   | 645   | 642   |     |
| SRev CCGT-Gas    |      |      | 269   | 270   | 275   | 254   | 262   | 413   | 333   | 413   | 493   | 359   | 359   | 353   | 366   | 370   | 308   | 309   | 351   | 234   | 261   | 259   | 246   | 249   | 263   | 271   |     |
| SRev LSS         |      |      | 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-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 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     |     |

### Daily MW Generation on Saturday

| 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 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          |      | 926  | 926  | 926  | 926  | 825  | 926  | 926  | 926  | 926  | 926  | 775  | 839  | 187  | 738  | 839  | 738  | 738  | 738  | 738  | 738  | 738  | 738  | 738  | 738  |
| Hydro           |      | 128  | 177  | 180  | 121  | 210  | 181  | 98   | 176  | 187  | 187  | 128  | 123  | 290  | 216  | 407  | 200  | 175  | 122  | 169  | 108  | 75   | 72   | 117  | 132  |
| S.Reserve Total |      | 2052 | 2264 | 2324 | 2178 | 2183 | 2393 | 2426 | 2593 | 2740 | 2408 | 2347 | 2334 | 2361 | 2358 | 1834 | 2182 | 2296 | 1972 | 1945 | 1885 | 1828 | 1712 | 1763 | 1783 |