

## Availability at Daily Maximum Demand Hour

|              |           |
|--------------|-----------|
| ST-Coal      | 0 MW      |
| ST-Gas       | 0 MW      |
| ST-Oil       | 0 MW      |
| Hydro        | 2,398 MW  |
| Distillate   | 0 MW      |
| Total TNB    | 2,398 MW  |
| Total IPP    | 18,926 MW |
| Total Co-Gen | 0 MW      |
| Total System | 24,433 MW |

## Generation Mix

| Type                    | MWh            | Percentage      |
|-------------------------|----------------|-----------------|
| Hydro                   | 15,356         | 3.88 %          |
| Gas                     | 41,588         | 10.51 %         |
| <b>Total TNB</b>        | <b>56,944</b>  | <b>14.38 %</b>  |
| ST-Coal                 | 225,321        | 56.92 %         |
| LSS                     | 4,534          | 1.15 %          |
| Gas                     | 109,192        | 27.58 %         |
| <b>Total IPP</b>        | <b>339,047</b> | <b>85.64 %</b>  |
| Co-Gen                  | 1,182          | 0.30 %          |
| <b>Total Co-Gen</b>     | <b>1,182</b>   | <b>0.30 %</b>   |
| <b>Total Generation</b> | <b>397,173</b> | <b>100.33 %</b> |
| PLTG                    | 570            | 0.14 %          |
| HVDC                    | 727            | 0.18 %          |
| <b>Interconnection</b>  | <b>1,297</b>   | <b>0.33 %</b>   |
| <b>Net Energy</b>       | <b>395,876</b> | <b>100.00 %</b> |

## Maximum Demand Record

|                 |             |
|-----------------|-------------|
| Date: 5/24/2022 | 19,183 MW   |
| Date: 5/24/2022 | 398,523 MWH |

## Set On Bus, TNB, IPP And MD

|                               |               |
|-------------------------------|---------------|
| Daily Maximum Demand Hour at: | 16:30:00 Hour |
| Total Set On Bus              | 19,865 MW     |
| TNB Generation                | 3,229 MW      |
| IPP Generation                | 15,635 MW     |
| Spinning Reserve              | 953 MW        |
| Maximum Demand                | 18,838 MW     |
| Net Energy                    | 395,876 MWH   |
| Load Factor                   | 87.56 %       |

## Fuel Cost

|               |                  |
|---------------|------------------|
| Total Cost:   | 94,004,042.69 RM |
| Cost per Unit | 23.71 cents/kWH  |

## Average Spinning Reserve During Peak Hour

| Type         | MW           |
|--------------|--------------|
| GT           | 549          |
| Hydro        | 560          |
| Syncon       | 273          |
| Thermal      | 158          |
| <b>Total</b> | <b>1,540</b> |

| Time      | Weather | Temperature |
|-----------|---------|-------------|
| Afternoon | Hot     | 33          |
| Morning   | Sunny   | 28          |

## Gas Usage

| Station          | (mmscfd)     |
|------------------|--------------|
| GLGR             | 11           |
| GLGR             | 18           |
| TJGS             | 176          |
| <b>Total TNB</b> | <b>205</b>   |
| CBPS             | 48           |
| EMPP             | 281          |
| KLPP             | 8            |
| NPRI             | 147          |
| PCGP             | 78           |
| PGLA             | 76           |
| PLPS             | 67           |
| SKSP             | 22           |
| SPGP             | 84           |
| <b>Total IPP</b> | <b>811</b>   |
| <b>Total Gas</b> | <b>1,016</b> |

## Alternate Fuel Usage

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

**Total Gas Required 1,016**

## 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 | 16161 | 15322 | 14796 | 14352 | 13920 | 13755 | 13961 | 13683 | 14268 | 16030 | 16892 | 17516 | 17524 | 17354 | 18066 | 18523 | 18692 | 18440 | 17287 | 17101 | 18232 | 18309 | 17820 | 17365 |

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 3, 2022 4:55:28 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

## Daily MW Generation on Tuesday

| 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 | 696  | 696  | 697  | 695  | 697  | 694  | 696  | 696  | 696  | 694  | 698  | 693  | 696  | 695  | 694  | 695  | 697  | 695  | 699  | 694  | 697  | 696  | 696  | 695  | 695  | 695  |
| JMAH           | U002 | 696  | 696  | 695  | 693  | 695  | 696  | 696  | 695  | 696  | 695  | 694  | 694  | 695  | 694  | 694  | 697  | 696  | 696  | 696  | 694  | 695  | 696  | 696  | 694  | 693  | 699  |
| JMHE           | U001 | 976  | 976  | 976  | 981  | 976  | 900  | 899  | 901  | 895  | 900  | 901  | 903  | 901  | 900  | 899  | 900  | 942  | 978  | 975  | 980  | 982  | 978  | 976  | 977  | 977  | 978  |
| JMJG           | U003 | 673  | 668  | 671  | 682  | 666  | 668  | 670  | 673  | 675  | 667  | 673  | 678  | 672  | 672  | 667  | 670  | 673  | 672  | 676  | 672  | 669  | 664  | 671  | 662  | 672  | 672  |
| JMJG           | U004 | 977  | 977  | 976  | 977  | 977  | 932  | 904  | 903  | 906  | 903  | 903  | 904  | 904  | 903  | 901  | 906  | 919  | 977  | 977  | 975  | 978  | 977  | 974  | 977  | 973  | 977  |
| JMJG           | U005 | 975  | 977  | 972  | 977  | 975  | 892  | 897  | 907  | 898  | 898  | 899  | 897  | 901  | 903  | 903  | 894  | 917  | 978  | 972  | 975  | 977  | 971  | 972  | 975  | 973  | 972  |
| PKLG           | U003 | 280  | 281  | 279  | 280  | 278  | 280  | 277  | 278  | 274  | 279  | 277  | 278  | 278  | 278  | 279  | 278  | 279  | 276  | 277  | 276  | 278  | 277  | 276  | 275  | 274  | 276  |
| PKLG           | U004 | 272  | 277  | 279  | 275  | 273  | 275  | 275  | 270  | 273  | 278  | 272  | 275  | 277  | 276  | 278  | 274  | 277  | 278  | 275  | 275  | 276  | 273  | 276  | 275  | 274  | 277  |
| PKLG           | U005 | 468  | 468  | 466  | 468  | 468  | 467  | 468  | 465  | 468  | 469  | 468  | 468  | 468  | 465  | 466  | 468  | 470  | 468  | 467  | 466  | 467  | 464  | 471  | 469  | 465  | 465  |
| PKLG           | U006 | 449  | 448  | 448  | 448  | 448  | 449  | 449  | 447  | 447  | 449  | 447  | 360  | 360  | 359  | 359  | 359  | 358  | 424  | 445  | 449  | 449  | 448  | 448  | 449  | 449  | 449  |
| TBIN           | U001 | 685  | 686  | 689  | 688  | 690  | 686  | 689  | 688  | 686  | 689  | 688  | 688  | 687  | 689  | 687  | 685  | 685  | 686  | 688  | 690  | 690  | 692  | 688  | 688  | 691  | 685  |
| TBIN           | U002 | 691  | 691  | 691  | 692  | 692  | 690  | 693  | 693  | 689  | 691  | 695  | 690  | 691  | 695  | 689  | 689  | 692  | 692  | 686  | 690  | 693  | 695  | 690  | 693  | 694  | 691  |
| TBIN           | U003 | 691  | 691  | 692  | 692  | 691  | 691  | 689  | 691  | 689  | 690  | 690  | 691  | 694  | 689  | 692  | 689  | 690  | 691  | 691  | 686  | 691  | 691  | 690  | 690  | 687  | 691  |
| TBIN           | U004 | 943  | 941  | 938  | 935  | 939  | 905  | 907  | 903  | 902  | 903  | 902  | 904  | 903  | 901  | 902  | 904  | 926  | 937  | 937  | 938  | 939  | 936  | 939  | 937  | 937  | 936  |
| Total ST-Coal  |      | 9472 | 9473 | 9469 | 9483 | 9465 | 9225 | 9209 | 9210 | 9194 | 9205 | 9209 | 9126 | 9127 | 9125 | 9108 | 9105 | 9216 | 9447 | 9459 | 9471 | 9479 | 9458 | 9464 | 9458 | 9468 | 9455 |
| Total 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    |
| Total 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    |
| CBPS           | BLK2 | 360  | 360  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 220  | 360  | 360  | 360  | 360  | 360  | 360  | 360  | 360  |
| EMPP           | BLK1 | 614  | 705  | 659  | 625  | 572  | 618  | 529  | 454  | 399  | 374  | 367  | 376  | 376  | 374  | 367  | 365  | 373  | 613  | 711  | 713  | 714  | 709  | 711  | 709  | 705  | 707  |
| EMPP           | BLK2 | 615  | 704  | 662  | 623  | 576  | 617  | 529  | 451  | 400  | 374  | 367  | 375  | 376  | 374  | 366  | 365  | 373  | 615  | 711  | 712  | 714  | 710  | 710  | 710  | 705  | 707  |
| EMPP           | BLK3 | 554  | 706  | 620  | 580  | 532  | 570  | 484  | 410  | 399  | 410  | 402  | 415  | 490  | 672  | 402  | 400  | 581  | 554  | 710  | 713  | 714  | 709  | 710  | 709  | 706  | 707  |
| GLGR           | GT02 | 93   | 93   | 93   | 93   | 92   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 93   | 92   | 93   | 93   | 93   | 108  | 108  | 107  | 0    | 0    | 0    | 0    |
| GLGR           | ST1C | 39   | 40   | 40   | 40   | 39   | 41   | 39   | 39   | 40   | 40   | 41   | 39   | 40   | 40   | 41   | 40   | 39   | 40   | 40   | 40   | 39   | 46   | 47   | 47   | 0    | 0    |
| KLPP           | GT15 | 0    | 0    | 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           | ST17 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| NPRI           | BLK1 | 515  | 517  | 517  | 400  | 398  | 397  | 398  | 397  | 385  | 320  | 308  | 320  | 323  | 320  | 309  | 307  | 320  | 319  | 380  | 515  | 521  | 516  | 517  | 525  | 525  | 521  |
| NPRI           | BLK2 | 519  | 520  | 520  | 399  | 337  | 335  | 335  | 333  | 322  | 335  | 324  | 335  | 338  | 335  | 324  | 323  | 335  | 335  | 519  | 524  | 527  | 519  | 521  | 521  | 497  | 515  |
| PCGP           | PGRG | 398  | 402  | 401  | 401  | 402  | 403  | 404  | 404  | 408  | 405  | 405  | 406  | 410  | 406  | 407  | 408  | 408  | 404  | 402  | 605  | 613  | 602  | 600  | 600  | 588  | 593  |
| PGLA           | GT11 | 169  | 0    | 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 | 176  | 177  | 165  | 165  | 165  | 166  | 165  | 167  | 162  | 167  | 162  | 165  | 167  | 166  | 167  | 161  | 166  | 166  | 166  | 171  | 168  | 165  | 203  | 218  | 214  | 211  |
| PGLA           | ST10 | 151  | 95   | 93   | 93   | 93   | 92   | 92   | 92   | 91   | 91   | 89   | 91   | 92   | 92   | 92   | 91   | 92   | 92   | 92   | 93   | 93   | 93   | 95   | 111  | 111  | 106  |
| PLPS           | GT11 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| PLPS           | GT12 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 67   | 145  | 145  | 146  | 142  | 118  | 119  |
| PLPS           | GT13 | 124  | 124  | 124  | 124  | 124  | 124  | 125  | 125  | 124  | 125  | 125  | 124  | 124  | 124  | 125  | 125  | 124  | 125  | 125  | 121  | 123  | 123  | 121  | 123  | 113  | 112  |
| PLPS           | ST18 | 59   | 58   | 58   | 58   | 58   | 57   | 57   | 58   | 58   | 58   | 58   | 58   | 58   | 57   | 58   | 58   | 58   | 58   | 58   | 56   | 139  | 139  | 140  | 140  | 197  | 195  |
| SKSP           | BLK1 | 109  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| SPGP           | BLK1 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| SPGP           | BLK2 | 597  | 360  | 357  | 358  | 358  | 359  | 359  | 359  | 359  | 360  | 361  | 359  | 358  | 361  | 359  | 479  | 717  | 717  | 704  | 702  | 701  | 702  | 599  | 600  | 601  | 600  |
| TJGS           | GT1A | 124  | 124  | 124  | 124  | 124  | 124  | 126  | 123  | 123  | 122  | 122  | 122  | 122  | 122  | 125  | 124  | 124  | 124  | 122  | 125  | 162  | 197  | 222  | 231  | 231  | 159  |
| TJGS           | GT1B | 120  | 119  | 116  | 116  | 119  | 115  | 116  | 117  | 118  | 118  | 117  | 118  | 114  | 114  | 118  | 117  | 119  | 117  | 155  | 190  | 210  | 207  | 210  | 150  | 187  | 207  |
| TJGS           | ST1C | 166  | 166  | 166  | 166  | 166  | 166  | 163  | 163  | 163  | 163  | 163  | 163  | 163  | 163  | 163  | 163  | 163  | 163  | 187  | 219  | 245  | 252  | 252  | 198  | 221  | 241  |
| TJGS           | GT2A | 130  | 131  | 131  | 130  | 132  | 130  | 130  | 132  | 130  | 130  | 130  | 130  | 131  | 131  | 132  | 129  | 130  | 129  | 129  | 133  | 131  | 129  | 220  | 225  | 214  | 130  |
| TJGS           | GT2B | 127  | 128  | 125  | 125  | 126  | 127  | 127  | 125  | 127  | 127  | 127  | 126  | 126  | 126  | 126  | 125  | 127  | 127  | 127  | 125  | 216  | 219  | 209  | 125  | 124  | 127  |
| TJGS           | ST2C | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 194  | 241  | 260  | 260  | 195  | 195  | 195  |
| Total CCGT-Gas |      | 5953 | 5723 | 5385 | 5034 | 4827 | 4948 | 4685 | 4456 | 4315 | 4226 | 4174 | 4232 | 4319 | 4481 | 4183 | 4170 | 4515 | 5205 | 5798 | 6141 | 6461 | 6678 | 7022 | 7017 | 7014 | 6682 |
| GLGR           | 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    | 0    | 0    |
| Total 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    |

### Daily MW Generation on Tuesday

[illegible]

### Daily MW Generation on Tuesday

| 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  |       |   |   |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|
| STLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 3     | 7     | 11    | 15    | 19    | 22    | 15    | 9     | 23    | 12    | 27    | 7     | 9     | 14    | 25    | 23    | 20    | 7     | 8     | 10    | 4     | 4     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |   |   |
| TBLS            | LSS1 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 3     | 9     | 17    | 24    | 17    | 30    | 30    | 30    | 6     | 30    | 15    | 10    | 21    | 30    | 30    | 30    | 30    | 30    | 30    | 24    | 16    | 9     | 2     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |   |
| Total LSS       |      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 24    | 93    | 207   | 311   | 389   | 459   | 576   | 552   | 485   | 486   | 634   | 593   | 495   | 622   | 515   | 606   | 531   | 460   | 351   | 270   | 218   | 123   | 59    | 13    | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0 | 0 |
| PCUF            | CUFG | 29    | 27    | 27    | 28    | 28    | 27    | 28    | 27    | 28    | 28    | 28    | 28    | 27    | 28    | 27    | 26    | 25    | 23    | 23    | 22    | 22    | 21    | 22    | 23    | 21    | 22    | 21    | 22    | 22    | 20    | 20    | 21    | 21    | 23    | 22    | 22    | 23    | 22    | 22    | 23    | 26    | 29    | 28    | 29    | 28    | 29    | 28    |       |   |   |
| PCUF            | CUFK | 26    | 26    | 26    | 26    | 26    | 25    | 27    | 26    | 25    | 26    | 27    | 27    | 25    | 25    | 26    | 28    | 27    | 26    | 29    | 27    | 27    | 25    | 26    | 27    | 24    | 26    | 27    | 29    | 23    | 28    | 27    | 24    | 27    | 25    | 25    | 25    | 26    | 26    | 27    | 27    | 26    | 29    | 27    | -4    | -3    | 4     |       |       |   |   |
| Total Co-Gen    |      | 55    | 53    | 54    | 54    | 52    | 55    | 53    | 53    | 54    | 55    | 55    | 55    | 52    | 53    | 53    | 54    | 52    | 49    | 52    | 49    | 49    | 46    | 48    | 50    | 45    | 48    | 48    | 51    | 45    | 48    | 47    | 45    | 48    | 48    | 47    | 49    | 48    | 49    | 50    | 50    | 52    | 55    | 56    | 24    | 26    | 32    |       |       |   |   |
| Total Gen       |      | 16212 | 15798 | 15400 | 15061 | 14834 | 14656 | 14377 | 14148 | 13980 | 13914 | 13858 | 13842 | 13929 | 14086 | 13728 | 13672 | 14292 | 15326 | 16057 | 16498 | 16908 | 17253 | 17578 | 17655 | 17549 | 17322 | 17408 | 17747 | 18106 | 18528 | 18618 | 18727 | 18793 | 18912 | 18555 | 17991 | 17358 | 17055 | 17116 | 18050 | 18328 | 18357 | 18389 | 18206 | 17885 | 17723 | 17408 | 17078 |   |   |
| 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     | 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    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    | 30    |       |   |   |
| TIE-PLTG        |      | 21    | 27    | 48    | 14    | 8     | 34    | -5    | 33    | 30    | 25    | 73    | 11    | -63   | 53    | 15    | 38    | -7    | -27   | -4    | -33   | -14   | -11   | 32    | -32   | -6    | -15   | 23    | -1    | 10    | 118   | 65    | 69    | 71    | 44    | 84    | 103   | 41    | -47   | -15   | -35   | 66    | 46    | 50    | 42    | 35    | 76    | 13    | 38    |   |   |
| Interconnection |      | 51    | 57    | 78    | 44    | 38    | 64    | 25    | 63    | 60    | 55    | 103   | 41    | -32   | 84    | 45    | 68    | 24    | 4     | 27    | -3    | 16    | 20    | 62    | -1    | 25    | 15    | 54    | 30    | 40    | 148   | 95    | 99    | 101   | 74    | 115   | 133</ |       |       |       |       |       |       |       |       |       |       |       |       |   |   |