

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **24-05-2022**
System Reliability Indices Report for: **23-05-2022**

Percentage (%) of times ATC was violated

| S.No. | Corridor | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1 | WR-NR | 1 | 0.25 | 1.04 |
| 2 | ER-NR | 2 | 0.50 | 2.08 |
| 3 | Import of NR | 1 | 0.25 | 1.04 |
| 4 | NEW-SR | 2 | 0.50 | 2.08 |
| 5 | NER Import | 0 | 0.00 | 0.00 |

Percentage(%) of times (N-1) Criteria was violated

| | | | | |
|---|--------------|-----|------|------|
| 1 | WR-NR | 1 | 0.25 | 1.04 |
| 2 | ER-NR | 2 | 0.50 | 2.08 |
| 3 | Import of NR | 1 | 0.25 | 1.04 |
| 4 | NEW-SR | 2 | 0.00 | 2.08 |
| 4 | NER Import | 0.5 | 0.00 | 0.52 |

Voltage Profile for the day of 23-05-2022

| Region | Sr.No. | Station | %age of time Voltage below 728/380 kV | %age of time Voltage between 728/380 kV & 800/420 kV | %age of time Voltage above 800/420 kV | Voltage deviation index (%age of time voltage is outside IEGC band) | Maximum Voltage (kV) | Minimum Voltage (kV) | Average Voltage (kV) |
|--------|--------|-----------------------------|---------------------------------------|--|---------------------------------------|---|----------------------|----------------------|----------------------|
| NR | 1 | Agra | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 755 | 773 |
| | 2 | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 755 | 773 |
| | 3 | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 760 | 768 |
| | 4 | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 760 | 768 |
| | 5 | Anta | 0.00% | 97.86% | 2.14% | 2.14% | 805 | 761 | 781 |
| | 6 | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 747 | 768 |
| | 7 | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 763 | 769 |
| | 8 | Bhiwani | 0.00% | 95.08% | 4.92% | 4.92% | 804 | 760 | 780 |
| | 9 | Bareilly | 0.00% | 87.53% | 12.47% | 12.47% | 813 | 749 | 785 |
| | 10 | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 743 | 766 |
| | 11 | Greater Noida | 0.00% | 86.18% | 13.82% | 13.82% | 808 | 759 | 781 |
| | 12 | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 755 | 777 |
| | 13 | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 747 | 768 |
| | 14 | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 766 | 778 |
| | 15 | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 747 | 761 |
| | 16 | Meerut | 0.00% | 83.08% | 16.92% | 16.92% | 812 | 755 | 781 |
| | 17 | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 735 | 772 |
| | 18 | Phagi | 0.00% | 97.46% | 2.54% | 2.54% | 801 | 739 | 778 |
| | 19 | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 758 | 776 |
| WR | 1 | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 759 | 773 |
| | 2 | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 762 | 777 |
| | 3 | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 766 | 775 |
| | 4 | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 766 | 772 |
| | 5 | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 773 | 785 |
| | 6 | Champa | 0.00% | 23.19% | 76.81% | 76.81% | 811 | 797 | 802 |
| | 7 | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 768 | 775 |
| | 8 | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 759 | 774 |
| | 9 | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 759 | 771 |
| | 10 | Gwalior | 0.00% | 94.60% | 5.40% | 5.40% | 801 | 769 | 785 |
| | 11 | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 762 | 774 |
| | 12 | Jabalpur | 0.00% | 99.05% | 0.95% | 0.95% | 801 | 782 | 791 |
| | 13 | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 760 | 768 |
| | 14 | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 743 | 773 |
| | 15 | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 788 | 793 |
| | 16 | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 786 | 792 |
| | 17 | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 772 | 781 |
| | 18 | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 777 | 789 |
| | 19 | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 774 | 782 |
| | 20 | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 769 | 774 |
| | 21 | Solapur | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 763 | 783 |
| | 22 | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 790 | 794 |
| | 23 | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 758 | 764 |
| | 24 | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 759 | 775 |
| | 25 | Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 759 | 784 |
| | 26 | Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 759 | 784 |
| | 27 | Bhuj | 5.52% | 93.60% | 0.88% | 6.40% | 887 | 0 | 765 |
| SR | 1 | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 757 | 778 |
| | 2 | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 760 | 778 |
| | 3 | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 760 | 780 |
| | 4 | Nizamabad | 0.00% | 89.52% | 10.48% | 10.48% | 801 | 778 | 788 |
| | 5 | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 771 | 783 |
| | 6 | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 771 | 783 |
| | 7 | Vemagiri | 0.00% | 95.00% | 5.00% | 5.00% | 802 | 776 | 788 |
| ER | 1 | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 767 | 778 |
| | 2 | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 754 | 769 |
| | 3 | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 779 | 787 |
| | 4 | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 772 | 783 |
| | 5 | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 748 | 769 |
| NER | 1 | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 404 | 398 | 401 |
| | 2 | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 405 | 409 |
| | 3 | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 408 | 412 |
| | 5 | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 404 | 408 |
| | 6 | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 399 | 404 |
| | 7 | Ranganadi (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 404 | 407 |
| | 8 | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 407 | 399 | 403 |
| | 9 | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 405 | 409 |

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.