

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-09-2022**
System Reliability Indices Report for: **22-09-2022**

Percentage (%) of times ATC was violated

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

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

| | | | | |
|---|--------------|---|------|------|
| 1 | WR-NR | 0 | 0.00 | 0.00 |
| 2 | ER-NR | 0 | 0.00 | 0.00 |
| 3 | Import of NR | 0 | 0.00 | 0.00 |
| 4 | NEW-SR | 0 | 0.00 | 0.00 |
| 4 | NER Import | 0 | 0.00 | 0.00 |

Voltage Profile for the day of 22-09-2022

| 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% | 790 | 765 | 779 |
| | 2 | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 765 | 779 |
| | 3 | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 764 | 771 |
| | 4 | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 764 | 771 |
| | 5 | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 773 | 781 |
| | 6 | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 750 | 770 |
| | 7 | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 763 | 769 |
| | 8 | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 771 | 787 |
| | 9 | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 759 | 772 |
| | 10 | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 744 | 767 |
| | 11 | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 773 | 788 |
| | 12 | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 765 | 779 |
| | 14 | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 752 | 775 |
| | 15 | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 758 | 766 |
| | 16 | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 769 | 785 |
| | 17 | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 763 | 781 |
| | 18 | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 772 | 783 |
| | 19 | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 763 | 777 |
| | WR | 1 | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 752 |
| 2 | | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 754 | 778 |
| 3 | | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 761 | 773 |
| 4 | | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 772 | 781 |
| 5 | | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 770 | 782 |
| 6 | | Champa | 0.00% | 26.81% | 73.19% | 73.19% | 811 | 794 | 803 |
| 7 | | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 779 | 786 |
| 8 | | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 757 | 774 |
| 9 | | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 757 | 778 |
| 10 | | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 774 | 786 |
| 11 | | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 756 | 770 |
| 12 | | Jabalpur | 0.00% | 99.10% | 0.90% | 0.90% | 802 | 782 | 790 |
| 13 | | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 747 | 767 |
| 14 | | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 761 | 776 |
| 15 | | Raigarh Pooling | 0.00% | 99.03% | 0.97% | 0.97% | 800 | 787 | 794 |
| 16 | | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 786 | 793 |
| 17 | | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 774 | 781 |
| 18 | | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 779 | 788 |
| 19 | | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 771 | 784 |
| 20 | | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 774 | 781 |
| 21 | | Solapur | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 767 | 785 |
| 22 | | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 787 | 794 |
| 23 | | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 751 | 765 |
| 24 | | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 758 | 773 |
| 25 | | Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 758 | 784 |
| 26 | | Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 758 | 784 |
| 27 | | Bhuj | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 753 | 769 |
| SR | 1 | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 750 | 771 |
| | 2 | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 771 |
| | 3 | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 757 | 776 |
| | 4 | Nizamabad | 0.00% | 77.08% | 22.92% | 22.92% | 806 | 754 | 787 |
| | 5 | Srikakulam | 0.00% | 78.68% | 21.32% | 21.32% | 805 | 773 | 789 |
| | 6 | Thiruvalam | 0.00% | 78.68% | 21.32% | 21.32% | 805 | 773 | 789 |
| | 7 | Vemagiri | 0.00% | 78.75% | 21.25% | 21.25% | 808 | 773 | 790 |
| ER | 1 | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 766 | 778 |
| | 2 | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 753 | 769 |
| | 3 | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 785 | 793 |
| | 4 | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 776 | 786 |
| | 5 | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 744 | 763 |
| NER | 1 | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 405 | 398 | 402 |
| | 2 | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 403 | 407 |
| | 3 | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 405 | 410 |
| | 5 | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 403 | 406 |
| | 6 | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 407 | 399 | 404 |
| | 7 | Ranganadi (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 410 | 415 |
| | 8 | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 400 | 405 |
| | 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.