

**साप्ताहिक विवरण**

Weekly Report वर्ष 2020/ / सप्ताह संख्या 28 अवधि 2020-07-06 से 2020-07-12

**Year 2020/ / Week No 28 Period from 2020-07-06 to 2020-07-12**

A. (**आवृति रूपरेखा**) **Frequency Profile**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **दिनांक** | **अधिकतम तात्कालिक** | **न्युनतम तात्कालिक** | **औसत** | **% of time 49.9**  **से कम** | **% of time 49.9 से 50.05 तक** | **% of time 50.05 से उपर** | | **Per**  **centage of Time Frequency Remained outside IEGC Band** | **No’s of hours frequency remained outside IEGC Band** | **FDI =No. of hours out of IEGC band/24Hrs** | **Weekly FDI =No. of hours out of IEGC band/24\*7Hrs** | |
| **Date** | **Maximum Inst.** | **Minimum Inst.** | **Average** | **<49.9** | **49.9 – 50.05** | **>50.05** | |
|  | **(Hz)** | **(Hz)** | **(Hz)** | **(%)** | **(%)** | **(%)** | | **(%)** |  |  | 0.25 | |
| 6 | 50.13 | 49.82 | 50.0 | 5.01 | 73.55 | 21.44 | 26.45 | | 6.35 | 0.26 |
| 7 | 50.21 | 49.8 | 50.0 | 4.92 | 81.11 | 13.97 | 18.89 | | 4.53 | 0.19 |
| 8 | 50.16 | 49.77 | 49.99 | 9.57 | 77.19 | 13.24 | 22.81 | | 5.48 | 0.23 |
| 9 | 50.14 | 49.77 | 50.0 | 3.23 | 81.41 | 15.36 | 18.59 | | 4.46 | 0.19 |
| 10 | 50.17 | 49.83 | 50.01 | 1.61 | 78.99 | 19.4 | 21.01 | | 5.04 | 0.21 |
| 11 | 50.2 | 49.84 | 50.02 | 2.88 | 70.87 | 26.25 | 29.13 | | 6.99 | 0.29 |
| 12 | 50.31 | 49.79 | 50.03 | 4.14 | 62.19 | 33.67 | 37.81 | | 9.08 | 0.38 |

**B.विद्युतदाब रूपरेखा Voltage Profile (Voltages in kV )**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Akola** | | **Amreli** | | **Asoj** | | **Aurangabad MS** | | **Akola(II)** | | **Aurangabad PG** | |
| **6** | **434** | **417** | **424** | **409** | **418** | **405** | **432** | **416** | **802** | **778** | **793** | **766** |
| **7** | **434** | **414** | **422** | **413** | **419** | **405** | **431** | **413** | **799** | **773** | **791** | **759** |
| **8** | **434** | **414** | **424** | **413** | **418** | **404** | **432** | **414** | **798** | **770** | **794** | **756** |
| **9** | **434** | **415** | **424** | **413** | **419** | **404** | **432** | **413** | **799** | **772** | **797** | **762** |
| **10** | **436** | **419** | **422** | **409** | **418** | **404** | **433** | **422** | **801** | **782** | **797** | **775** |
| **11** | **436** | **417** | **424** | **416** | **420** | **406** | **433** | **418** | **801** | **779** | **798** | **772** |
| **12** | **434** | **414** | **426** | **414** | **419** | **408** | **432** | **416** | **803** | **775** | **797** | **765** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **साप्ताहिक विद्युत दाब विचलन सूचकांक Weekly VDI From 2020-07-06 से 2020-07-12** | | | | | | | | | | |
| **विद्युत दाब विचलन सूचकांक Voltage Deviation Index (VDI) - 400 kV Substations** | | | | | | | | | | |
| **Sl. No** | **Station Name** | **Voltage (In Volts)** | | **Voltage (In % of Time)** | | | **Voltage (In Time)** | | **Total no. of hours out of IEGC range (in Hrs) (III)= (I+II)** | **Voltage Deviation Index =(III)/**  **Total No. of Hours In a Week)** |
| **Weekly**  **Max Voltage** | **Weekly**  **Min Voltage** | **<380** | **380-420** | **>420** | **No. of hours below IEGC <380 (I)** | **No. of hours above**  **IEGC >420 (II)** |
| **1** | **Amreli** | **426** | **409** | **0.0** | **68.87** | **31.13** | **0.0** | **52.3** | **52.3** | **0.31** |
| **2** | **Asoj** | **420** | **404** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **3** | **Bhilai** | **420** | **408** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **4** | **Bhopal** | **418** | **404** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **5** | **Boisar** | **430** | **408** | **0.0** | **52.37** | **47.63** | **0.0** | **80.02** | **80.02** | **0.48** |
| **6** | **Damoh** | **430** | **412** | **0.0** | **43.19** | **56.81** | **0.0** | **95.43** | **95.43** | **0.57** |
| **7** | **Dehgam** | **424** | **407** | **0.0** | **90.22** | **9.78** | **0.0** | **16.43** | **16.43** | **0.1** |
| **8** | **Gwalior 400** | **415** | **391** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **9** | **Indore 400** | **419** | **406** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **10** | **Itarsi** | **415** | **402** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **11** | **Jetpur** | **421** | **404** | **0.0** | **99.8** | **0.2** | **0.0** | **0.33** | **0.33** | **0.0** |
| **12** | **Kalwa** | **439** | **411** | **0.0** | **11.69** | **88.31** | **0.0** | **148.37** | **148.37** | **0.88** |
| **13** | **Karad** | **434** | **412** | **0.0** | **28.38** | **71.62** | **0.0** | **120.32** | **120.32** | **0.72** |
| **14** | **Kasor** | **426** | **410** | **0.0** | **95.03** | **4.97** | **0.0** | **8.35** | **8.35** | **0.05** |
| **15** | **Khandwa** | **422** | **409** | **0.0** | **98.5** | **1.5** | **0.0** | **2.52** | **2.52** | **0.02** |
| **16** | **Nagda** | **421** | **408** | **0.0** | **99.86** | **0.14** | **0.0** | **0.23** | **0.23** | **0.0** |
| **17** | **Parli** | **432** | **397** | **0.0** | **48.99** | **51.01** | **0.0** | **85.7** | **85.7** | **0.51** |
| **18** | **Raipur** | **424** | **414** | **0.0** | **52.0** | **48.0** | **0.0** | **80.63** | **80.63** | **0.48** |
| **19** | **Vapi** | **425** | **400** | **0.0** | **95.99** | **4.01** | **0.0** | **6.73** | **6.73** | **0.04** |
| **20** | **Wardha 400** | **427** | **411** | **0.0** | **25.07** | **74.93** | **0.0** | **125.88** | **125.88** | **0.75** |
|  | | | | | | | | | | |
| **विद्युत दाब विचलन सूचकांक Voltage Deviation Index (VDI) - 765 kV Substations** | | | | | | | | | | |
| **Sl. No** | **Station Name** | **Voltage (In Volts)** | | **Voltage (In % of Time)** | | | **Voltage (In Time)** | | **Total no. of hours out of IEGC range (in Hrs)**  **(III)= (I+II)** | **Voltage Deviation Index= (III)/**  **(Total No. of Hours In a Week)** |
| **Weekly**  **Max Voltage** | **Weekly**  **Min Voltage** | **<728** | **728-800** | **>800** | **No. of hours below IEGC <728 (I)** | **No. of hours above IEGC**  **>800 (II)** |
| **21** | **Bina** | **801** | **764** | **0.0** | **99.95** | **0.05** | **0.0** | **0.08** | **0.08** | **0.0** |
| **22** | **Dhule** | **792** | **757** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **23** | **Durg** | **785** | **766** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **24** | **Gwalior 765** | **803** | **758** | **0.0** | **99.54** | **0.46** | **0.0** | **0.77** | **0.77** | **0.0** |
| **25** | **Indore 765** | **785** | **756** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **26** | **Kotra** | **798** | **776** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **27** | **Sasan** | **783** | **763** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **28** | **Satna** | **795** | **762** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **29** | **Seoni** | **797** | **765** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **30** | **Sipat** | **787** | **767** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **31** | **Tamnar** | **797** | **778** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **32** | **Vadodara** | **798** | **769** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **33** | **Wardha 765** | **800** | **752** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |