

**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**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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 )**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **दिनांक**  **Date** | **अमरेली Amreli** | | **असोज**  **Asoj** | | **भिलाई**  **Bhilai** | | **भोपाल**  **Bhopal** | | **बोईसर**  **Boisar** | | **दमोह Damoh** | | **देहगाम Dehgam** | | **धुले**  **Dhule** | | **ग्वालियर Gwalior** | |
| **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** |
| **6** | **424** | **409** | **418** | **405** | **419** | **414** | **416** | **407** | **430** | **413** | **429** | **419** | **422** | **408** | **436** | **422** | **414** | **394** |
| **7** | **422** | **413** | **419** | **405** | **419** | **414** | **417** | **408** | **429** | **410** | **430** | **418** | **423** | **409** | **437** | **419** | **414** | **398** |
| **8** | **424** | **413** | **418** | **404** | **417** | **411** | **417** | **405** | **427** | **408** | **427** | **413** | **421** | **407** | **437** | **418** | **413** | **395** |
| **9** | **424** | **413** | **419** | **404** | **417** | **408** | **417** | **405** | **426** | **409** | **424** | **414** | **422** | **407** | **437** | **419** | **414** | **396** |
| **10** | **422** | **409** | **418** | **404** | **417** | **412** | **414** | **404** | **427** | **413** | **423** | **412** | **422** | **407** | **436** | **424** | **413** | **393** |
| **11** | **424** | **416** | **420** | **406** | **418** | **412** | **416** | **405** | **427** | **413** | **424** | **413** | **424** | **409** | **438** | **423** | **415** | **391** |
| **12** | **426** | **414** | **419** | **408** | **420** | **413** | **418** | **405** | **427** | **413** | **427** | **412** | **423** | **410** | **435** | **418** | **415** | **391** |

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| **दिनांक**  **Date** | **इंदौर**  **Indore** | | **इटारसी**  **Itarsi** | | **जेतपुर Jetpur** | | **कलवा**  **Kalwa** | | **कराड**  **Karad** | | **कासोर Kasor** | | **खंडवा**  **Khandwa** | | **नागदा Nagda** | | **परली**  **Parli** | |
| **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** |
| **6** | **418** | **408** | **413** | **404** | **419** | **405** | **439** | **416** | **434** | **412** | **425** | **411** | **422** | **411** | **420** | **409** | **430** | **397** |
| **7** | **418** | **409** | **413** | **405** | **419** | **407** | **439** | **415** | **433** | **413** | **421** | **411** | **421** | **411** | **420** | **410** | **429** | **401** |
| **8** | **418** | **407** | **413** | **402** | **418** | **407** | **439** | **411** | **433** | **412** | **423** | **410** | **420** | **409** | **420** | **409** | **429** | **403** |
| **9** | **419** | **406** | **414** | **402** | **418** | **405** | **439** | **415** | **433** | **414** | **424** | **410** | **422** | **409** | **421** | **408** | **430** | **407** |
| **10** | **417** | **406** | **412** | **403** | **417** | **404** | **439** | **418** | **433** | **417** | **421** | **410** | **420** | **410** | **419** | **408** | **431** | **412** |
| **11** | **418** | **407** | **413** | **404** | **419** | **409** | **439** | **418** | **434** | **416** | **426** | **412** | **422** | **411** | **421** | **409** | **432** | **408** |
| **12** | **418** | **409** | **415** | **403** | **421** | **408** | **439** | **420** | **432** | **416** | **422** | **412** | **422** | **410** | **421** | **410** | **430** | **405** |

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| **दिनांक**  **Date** | **रायगढ़ Raigarh** | | **रायपुर Raipur** | | **वापी**  **Vapi** | | **वर्धा Wardha** | | **बीना**  **Bina**  **765kV** | | **दुर्ग**  **Durg**  **765 kV** | | **ग्वालियर**  **Gwalior**  **765kV** | | **इंदौर**  **Indore**  **765kV** | | **कोटरा**  **Kotra**  **765 kV** | |
| **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम Min** |
| **6** | **431** | **427** | **424** | **419** | **425** | **407** | **425** | **417** | **790** | **764** | **784** | **775** | **796** | **760** | **783** | **764** | **790** | **776** |
| **7** | **431** | **425** | **424** | **418** | **422** | **405** | **424** | **415** | **795** | **773** | **785** | **775** | **798** | **769** | **783** | **767** | **789** | **777** |
| **8** | **430** | **424** | **422** | **417** | **420** | **400** | **426** | **411** | **792** | **772** | **784** | **766** | **795** | **766** | **784** | **763** | **792** | **777** |
| **9** | **431** | **424** | **422** | **414** | **420** | **402** | **426** | **413** | **796** | **770** | **784** | **775** | **797** | **764** | **785** | **756** | **792** | **782** |
| **10** | **431** | **426** | **422** | **418** | **419** | **405** | **427** | **418** | **791** | **766** | **784** | **775** | **795** | **763** | **781** | **759** | **792** | **785** |
| **11** | **432** | **427** | **423** | **418** | **420** | **405** | **426** | **418** | **796** | **769** | **783** | **783** | **800** | **758** | **781** | **761** | **796** | **785** |
| **12** | **433** | **426** | **424** | **418** | **418** | **405** | **426** | **416** | **801** | **767** | **783** | **774** | **803** | **763** | **783** | **762** | **798** | **779** |

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| **दिनांक**  **Date** | **सासन**  **Sasan**  **765 kV** | | **सतना**  **Satna**  **765 kV** | | **सिवनी**  **Seoni**  **765kV** | | **सीपत**  **Sipat**  **765kV** | | **तमनार**  **Tamnar**  **765 kV** | | **वडोदरा**  **Vadodara**  **765 kV** | | | **वर्धा**  **Wardha**  **765kV** | |
| **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | **न्युनतम Min** | **अधिकतम**  **Max** | **न्युनतम**  **Min** | **अधिकतम**  **Max** | | **न्युनतम**  **Min** |
| **6** | **779** | **765** | **787** | **762** | **790** | **773** | **780** | **770** | **790** | **778** | **796** | **772** | **791** | | **768** |
| **7** | **780** | **768** | **788** | **769** | **791** | **772** | **779** | **768** | **790** | **778** | **797** | **773** | **790** | | **763** |
| **8** | **777** | **767** | **785** | **770** | **794** | **765** | **781** | **767** | **792** | **779** | **795** | **769** | **796** | | **752** |
| **9** | **780** | **767** | **789** | **768** | **794** | **770** | **782** | **771** | **792** | **783** | **797** | **769** | **798** | | **766** |
| **10** | **778** | **764** | **784** | **764** | **793** | **779** | **782** | **775** | **793** | **785** | **795** | **772** | **799** | | **778** |
| **11** | **778** | **765** | **787** | **766** | **797** | **777** | **786** | **775** | **796** | **786** | **798** | **773** | **800** | | **774** |
| **12** | **783** | **763** | **795** | **765** | **795** | **773** | **787** | **770** | **797** | **780** | **796** | **776** | **798** | | **764** |

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| **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** | **Dhule MS** | **438** | **418** | **0.0** | **1.72** | **98.28** | **0.0** | **165.12** | **165.12** | **0.98** |
| **9** | **Gwalior 400** | **415** | **391** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **10** | **Hazira** | **423** | **400** | **0.0** | **97.14** | **2.86** | **0.0** | **4.8** | **4.8** | **0.03** |
| **11** | **Indore 400** | **419** | **406** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **12** | **Itarsi** | **415** | **402** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **13** | **Jetpur** | **421** | **404** | **0.0** | **99.8** | **0.2** | **0.0** | **0.33** | **0.33** | **0.0** |
| **14** | **Kala-PG** | **427** | **407** | **0.0** | **65.96** | **34.04** | **0.0** | **57.18** | **57.18** | **0.34** |
| **15** | **Kalwa** | **439** | **411** | **0.0** | **11.69** | **88.31** | **0.0** | **148.37** | **148.37** | **0.88** |
| **16** | **Karad** | **434** | **412** | **0.0** | **28.38** | **71.62** | **0.0** | **120.32** | **120.32** | **0.72** |
| **17** | **Kasor** | **426** | **410** | **0.0** | **95.03** | **4.97** | **0.0** | **8.35** | **8.35** | **0.05** |
| **18** | **Khandwa** | **422** | **409** | **0.0** | **98.5** | **1.5** | **0.0** | **2.52** | **2.52** | **0.02** |
| **19** | **Magarwada** | **431** | **409** | **0.0** | **41.94** | **58.06** | **0.0** | **97.53** | **97.53** | **0.58** |
| **20** | **Mapusa-PG** | **436** | **398** | **0.0** | **44.25** | **55.75** | **0.0** | **93.67** | **93.67** | **0.56** |
| **21** | **Nagda** | **421** | **408** | **0.0** | **99.86** | **0.14** | **0.0** | **0.23** | **0.23** | **0.0** |
| **22** | **Parli** | **432** | **397** | **0.0** | **48.99** | **51.01** | **0.0** | **85.7** | **85.7** | **0.51** |
| **23** | **Raigarh-PG** | **433** | **424** | **0.0** | **0.0** | **100.0** | **0.0** | **168.0** | **168.0** | **1.0** |
| **24** | **Raipur** | **424** | **414** | **0.0** | **52.0** | **48.0** | **0.0** | **80.63** | **80.63** | **0.48** |
| **25** | **Vapi** | **425** | **400** | **0.0** | **95.99** | **4.01** | **0.0** | **6.73** | **6.73** | **0.04** |
| **26** | **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)** |
| **27** | **Bina** | **801** | **764** | **0.0** | **99.95** | **0.05** | **0.0** | **0.08** | **0.08** | **0.0** |
| **28** | **Durg** | **785** | **766** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **29** | **Gwalior 765** | **803** | **758** | **0.0** | **99.54** | **0.46** | **0.0** | **0.77** | **0.77** | **0.0** |
| **30** | **Indore 765** | **785** | **756** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **31** | **Kotra** | **798** | **776** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **32** | **Sasan** | **783** | **763** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **33** | **Satna** | **795** | **762** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **34** | **Seoni** | **797** | **765** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **35** | **Sipat** | **787** | **767** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **36** | **Tamnar** | **797** | **778** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **37** | **Vadodara** | **798** | **769** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **38** | **Wardha 765** | **800** | **752** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |