

**साप्ताहिक विवरण**

Weekly Report वर्ष 2020/ / सप्ताह संख्या 36 अवधि 2020-08-31 से 2020-09-06

**Year 2020/ / Week No 36 Period from 2020-08-31 to 2020-09-06**

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)** | **(%)** | **(%)** | **(%)** | | **(%)** |  |  | **0.19** | |
| **31** | **50.17** | **49.6** | **49.97** | **15.03** | **74.78** | **10.19** | **25.22** | | **6.05** | **0.25** |
| **1** | **50.16** | **49.81** | **49.99** | **5.32** | **83.58** | **11.1** | **16.42** | | **3.94** | **0.16** |
| **2** | **50.13** | **49.68** | **49.97** | **13.09** | **81.39** | **5.52** | **18.61** | | **4.47** | **0.19** |
| **3** | **50.15** | **49.69** | **49.99** | **7.2** | **83.69** | **9.11** | **16.31** | | **3.91** | **0.16** |
| **4** | **50.17** | **49.74** | **50.0** | **3.18** | **83.97** | **12.84** | **16.03** | | **3.85** | **0.16** |
| **5** | **50.18** | **49.84** | **50.01** | **1.18** | **81.86** | **16.95** | **18.14** | | **4.35** | **0.18** |
| **6** | **50.19** | **49.85** | **50.02** | **1.01** | **79.44** | **19.55** | **20.56** | | **4.93** | **0.21** |

**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** |
| **31** | **425** | **411** | **422** | **404** | **417** | **412** | **416** | **403** | **430** | **412** | **421** | **407** | **427** | **408** | **439** | **423** | **413** | **396** |
| **1** | **424** | **417** | **420** | **407** | **418** | **412** | **416** | **405** | **431** | **416** | **420** | **409** | **424** | **411** | **438** | **422** | **415** | **396** |
| **2** | **425** | **416** | **420** | **402** | **418** | **412** | **413** | **402** | **431** | **405** | **418** | **409** | **425** | **407** | **436** | **417** | **412** | **397** |
| **3** | **423** | **415** | **420** | **403** | **418** | **412** | **415** | **404** | **428** | **407** | **421** | **411** | **424** | **408** | **434** | **416** | **415** | **400** |
| **4** | **422** | **415** | **419** | **404** | **417** | **412** | **414** | **404** | **427** | **413** | **420** | **410** | **424** | **408** | **435** | **422** | **414** | **396** |
| **5** | **423** | **413** | **417** | **404** | **417** | **412** | **414** | **401** | **425** | **406** | **419** | **407** | **422** | **407** | **436** | **423** | **413** | **395** |
| **6** | **423** | **415** | **416** | **408** | **416** | **411** | **412** | **404** | **426** | **410** | **417** | **407** | **421** | **412** | **434** | **423** | **413** | **395** |

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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** |
| **31** | **417** | **405** | **413** | **402** | **422** | **407** | **439** | **416** | **430** | **412** | **423** | **410** | **421** | **409** | **421** | **408** | **431** | **409** |
| **1** | **416** | **406** | **413** | **403** | **420** | **411** | **439** | **418** | **432** | **414** | **420** | **412** | **420** | **409** | **419** | **409** | **431** | **405** |
| **2** | **414** | **403** | **411** | **400** | **419** | **410** | **439** | **407** | **431** | **407** | **421** | **408** | **419** | **405** | **418** | **405** | **427** | **405** |
| **3** | **414** | **403** | **411** | **401** | **418** | **407** | **439** | **411** | **428** | **411** | **421** | **409** | **417** | **407** | **417** | **405** | **428** | **402** |
| **4** | **414** | **405** | **411** | **402** | **417** | **409** | **438** | **415** | **429** | **413** | **420** | **409** | **418** | **409** | **417** | **408** | **428** | **405** |
| **5** | **413** | **403** | **411** | **398** | **418** | **408** | **434** | **410** | **429** | **409** | **418** | **408** | **418** | **407** | **417** | **406** | **426** | **406** |
| **6** | **412** | **406** | **409** | **401** | **417** | **410** | **434** | **412** | **429** | **411** | **419** | **411** | **417** | **409** | **415** | **408** | **429** | **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** |
| **31** | **422** | **417** | **423** | **418** | **424** | **403** | **427** | **417** | **790** | **766** | **796** | **778** | **796** | **759** | **778** | **753** | **794** | **783** |
| **1** | **423** | **418** | **424** | **418** | **420** | **404** | **426** | **415** | **791** | **768** | **800** | **787** | **795** | **763** | **776** | **757** | **799** | **788** |
| **2** | **424** | **415** | **424** | **418** | **420** | **395** | **426** | **413** | **786** | **763** | **796** | **774** | **790** | **759** | **773** | **750** | **794** | **779** |
| **3** | **423** | **417** | **424** | **418** | **421** | **398** | **426** | **415** | **789** | **769** | **791** | **779** | **797** | **768** | **774** | **752** | **791** | **781** |
| **4** | **422** | **411** | **423** | **418** | **420** | **400** | **422** | **416** | **790** | **769** | **791** | **780** | **795** | **764** | **774** | **755** | **792** | **782** |
| **5** | **422** | **417** | **423** | **417** | **419** | **397** | **425** | **417** | **789** | **761** | **790** | **780** | **796** | **763** | **773** | **751** | **791** | **781** |
| **6** | **421** | **413** | **423** | **417** | **419** | **403** | **425** | **417** | **784** | **766** | **791** | **780** | **795** | **764** | **769** | **757** | **792** | **781** |

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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** |
| **31** | **775** | **763** | **784** | **764** | **789** | **771** | **777** | **766** | **793** | **783** | **801** | **770** | **792** | | **767** |
| **1** | **775** | **763** | **783** | **763** | **791** | **771** | **780** | **771** | **798** | **789** | **797** | **774** | **791** | | **764** |
| **2** | **772** | **761** | **779** | **762** | **789** | **765** | **778** | **764** | **794** | **780** | **796** | **764** | **789** | | **757** |
| **3** | **774** | **764** | **782** | **768** | **790** | **769** | **777** | **767** | **792** | **782** | **795** | **765** | **789** | | **763** |
| **4** | **777** | **765** | **784** | **765** | **789** | **774** | **776** | **768** | **792** | **785** | **793** | **769** | **791** | | **766** |
| **5** | **777** | **762** | **784** | **755** | **788** | **771** | **775** | **766** | **785** | **785** | **793** | **768** | **793** | | **774** |
| **6** | **772** | **762** | **778** | **763** | **788** | **775** | **775** | **767** | **785** | **785** | **789** | **773** | **794** | | **773** |

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| **साप्ताहिक विद्युत दाब विचलन सूचकांक Weekly VDI From 2020-08-31 से 2020-09-06** | | | | | | | | | | |
| **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** | **425** | **411** | **0.0** | **53.57** | **46.43** | **00:00** | **78:00** | **78:00** | **0.46** |
| **2** | **Asoj** | **422** | **402** | **0.0** | **96.86** | **3.14** | **00:00** | **05:16** | **05:16** | **0.03** |
| **3** | **Bhilai** | **418** | **411** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **4** | **Bhopal** | **416** | **401** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **5** | **Boisar** | **431** | **405** | **0.0** | **48.0** | **52.0** | **00:00** | **87:22** | **87:22** | **0.52** |
| **6** | **Damoh** | **421** | **407** | **0.0** | **98.69** | **1.31** | **00:00** | **02:12** | **02:12** | **0.01** |
| **7** | **Dehgam** | **427** | **407** | **0.0** | **74.08** | **25.92** | **00:00** | **43:33** | **43:33** | **0.26** |
| **8** | **Dhule MS** | **439** | **416** | **0.0** | **2.06** | **97.94** | **00:00** | **164:32** | **164:32** | **0.98** |
| **9** | **Gwalior 400** | **415** | **395** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **10** | **Hazira** | **427** | **400** | **0.0** | **78.67** | **21.33** | **00:00** | **35:50** | **35:50** | **0.21** |
| **11** | **Indore 400** | **417** | **403** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **12** | **Itarsi** | **413** | **398** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **13** | **Jetpur** | **422** | **407** | **0.0** | **96.4** | **3.6** | **00:00** | **06:03** | **06:03** | **0.04** |
| **14** | **Kala-PG** | **426** | **399** | **0.0** | **76.32** | **23.68** | **00:00** | **39:47** | **39:47** | **0.24** |
| **15** | **Kalwa** | **439** | **407** | **0.0** | **20.62** | **79.39** | **00:00** | **133:22** | **133:22** | **0.79** |
| **16** | **Karad** | **432** | **407** | **0.0** | **40.7** | **59.3** | **00:00** | **99:37** | **99:37** | **0.59** |
| **17** | **Kasor** | **423** | **408** | **0.0** | **93.3** | **6.7** | **00:00** | **11:15** | **11:15** | **0.07** |
| **18** | **Khandwa** | **421** | **405** | **0.0** | **99.46** | **0.54** | **00:00** | **00:54** | **00:54** | **0.0** |
| **19** | **Magarwada** | **430** | **402** | **0.0** | **75.27** | **24.73** | **00:00** | **41:33** | **41:33** | **0.25** |
| **20** | **Mapusa-PG** | **427** | **399** | **0.0** | **75.04** | **24.96** | **00:00** | **41:56** | **41:56** | **0.25** |
| **21** | **Nagda** | **421** | **405** | **0.0** | **99.44** | **0.56** | **00:00** | **00:56** | **00:56** | **0.01** |
| **22** | **Parli** | **431** | **402** | **0.0** | **60.4** | **39.6** | **00:00** | **66:32** | **66:32** | **0.4** |
| **23** | **Raigarh-PG** | **424** | **411** | **0.0** | **58.12** | **41.88** | **00:00** | **70:22** | **70:22** | **0.42** |
| **24** | **Raipur** | **424** | **417** | **0.0** | **38.59** | **61.41** | **00:00** | **103:10** | **103:10** | **0.61** |
| **25** | **Vapi** | **424** | **395** | **0.0** | **96.06** | **3.94** | **00:00** | **06:37** | **06:37** | **0.04** |
| **26** | **Wardha 400** | **427** | **413** | **0.0** | **33.01** | **66.99** | **00:00** | **112:33** | **112:33** | **0.67** |
|  | | | | | | | | | | |
| **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** | **791** | **761** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **28** | **Durg** | **800** | **774** | **0.0** | **99.99** | **0.01** | **00:00** | **00:01** | **00:01** | **0.0** |
| **29** | **Gwalior 765** | **797** | **759** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **30** | **Indore 765** | **778** | **750** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **31** | **Kotra** | **799** | **779** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **32** | **Sasan** | **777** | **761** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **33** | **Satna** | **784** | **755** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **34** | **Seoni** | **791** | **765** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **35** | **Sipat** | **780** | **764** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **36** | **Tamnar** | **798** | **780** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **37** | **Vadodara** | **801** | **764** | **0.0** | **99.84** | **0.16** | **00:00** | **00:16** | **00:16** | **0.0** |
| **38** | **Wardha 765** | **794** | **757** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |