

**साप्ताहिक विवरण**

Weekly Report वर्ष 2020/ / सप्ताह संख्या 37 अवधि 2020-09-07 से 2020-09-13

**Year 2020/ / Week No 37 Period from 2020-09-07 to 2020-09-13**

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)** | **(%)** | **(%)** | **(%)** | | **(%)** |  |  | **0.15** | |
| **7** | **50.16** | **49.85** | **50.01** | **2.12** | **87.34** | **10.55** | **12.66** | | **3.04** | **0.13** |
| **8** | **50.17** | **49.69** | **49.97** | **14.25** | **81.44** | **4.31** | **18.56** | | **4.45** | **0.19** |
| **9** | **50.16** | **49.87** | **50.0** | **0.94** | **88.23** | **10.83** | **11.77** | | **2.83** | **0.12** |
| **10** | **50.16** | **49.82** | **50.02** | **0.79** | **82.67** | **16.54** | **17.33** | | **4.16** | **0.17** |
| **11** | **50.12** | **49.89** | **50.01** | **0.21** | **86.83** | **12.96** | **13.17** | | **3.16** | **0.13** |
| **12** | **50.15** | **49.82** | **50.01** | **1.75** | **84.66** | **13.59** | **15.34** | | **3.68** | **0.15** |
| **13** | **50.15** | **49.87** | **50.01** | **0.32** | **84.18** | **15.5** | **15.82** | | **3.8** | **0.16** |

**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** |
| **7** | **425** | **413** | **417** | **403** | **415** | **408** | **411** | **402** | **429** | **407** | **415** | **406** | **422** | **407** | **433** | **422** | **410** | **393** |
| **8** | **421** | **412** | **415** | **403** | **416** | **410** | **412** | **401** | **428** | **405** | **417** | **405** | **420** | **406** | **435** | **421** | **413** | **392** |
| **9** | **421** | **413** | **417** | **401** | **418** | **410** | **412** | **400** | **427** | **404** | **416** | **402** | **420** | **405** | **435** | **419** | **415** | **398** |
| **10** | **420** | **411** | **416** | **404** | **417** | **412** | **414** | **404** | **428** | **405** | **420** | **409** | **420** | **408** | **436** | **422** | **415** | **397** |
| **11** | **429** | **412** | **415** | **404** | **419** | **413** | **414** | **405** | **428** | **410** | **417** | **410** | **420** | **407** | **436** | **425** | **414** | **397** |
| **12** | **425** | **415** | **416** | **405** | **419** | **414** | **413** | **405** | **428** | **409** | **417** | **410** | **421** | **409** | **436** | **423** | **415** | **394** |
| **13** | **426** | **414** | **416** | **406** | **418** | **414** | **415** | **407** | **430** | **412** | **419** | **410** | **421** | **411** | **434** | **422** | **415** | **390** |

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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** |
| **7** | **412** | **404** | **408** | **400** | **419** | **406** | **438** | **409** | **433** | **414** | **417** | **408** | **417** | **408** | **415** | **407** | **428** | **408** |
| **8** | **412** | **403** | **409** | **398** | **417** | **406** | **436** | **406** | **430** | **409** | **419** | **408** | **417** | **407** | **415** | **406** | **428** | **407** |
| **9** | **412** | **401** | **409** | **397** | **415** | **408** | **434** | **405** | **430** | **411** | **418** | **406** | **418** | **406** | **415** | **403** | **427** | **407** |
| **10** | **413** | **405** | **411** | **401** | **415** | **404** | **436** | **407** | **435** | **410** | **418** | **409** | **419** | **410** | **416** | **407** | **429** | **411** |
| **11** | **413** | **406** | **411** | **403** | **421** | **407** | **436** | **411** | **422** | **422** | **417** | **408** | **420** | **412** | **416** | **407** | **416** | **416** |
| **12** | **412** | **404** | **409** | **403** | **418** | **407** | **436** | **412** | **422** | **422** | **420** | **410** | **417** | **410** | **414** | **407** | **416** | **416** |
| **13** | **414** | **408** | **411** | **405** | **418** | **406** | **439** | **416** | **422** | **422** | **418** | **410** | **418** | **413** | **416** | **410** | **416** | **416** |

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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** |
| **7** | **421** | **415** | **421** | **415** | **421** | **400** | **423** | **418** | **783** | **762** | **788** | **778** | **790** | **759** | **768** | **754** | **788** | **778** |
| **8** | **420** | **414** | **422** | **415** | **419** | **397** | **425** | **415** | **786** | **763** | **790** | **775** | **789** | **760** | **776** | **755** | **791** | **778** |
| **9** | **422** | **415** | **423** | **415** | **418** | **395** | **426** | **414** | **788** | **764** | **800** | **780** | **795** | **761** | **777** | **753** | **795** | **785** |
| **10** | **422** | **415** | **422** | **416** | **420** | **399** | **426** | **419** | **794** | **770** | **803** | **790** | **798** | **762** | **779** | **761** | **798** | **788** |
| **11** | **423** | **417** | **424** | **419** | **420** | **402** | **428** | **421** | **788** | **769** | **805** | **791** | **789** | **762** | **778** | **764** | **800** | **787** |
| **12** | **422** | **417** | **424** | **419** | **420** | **402** | **427** | **419** | **789** | **767** | **799** | **792** | **791** | **760** | **773** | **753** | **795** | **785** |
| **13** | **421** | **416** | **423** | **419** | **421** | **404** | **427** | **421** | **792** | **768** | **799** | **790** | **792** | **758** | **778** | **767** | **796** | **784** |

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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** |
| **7** | **771** | **761** | **779** | **761** | **786** | **769** | **773** | **765** | **787** | **781** | **790** | **768** | **790** | | **770** |
| **8** | **772** | **761** | **777** | **761** | **787** | **766** | **776** | **764** | **792** | **781** | **790** | **767** | **792** | | **765** |
| **9** | **775** | **762** | **781** | **761** | **791** | **767** | **780** | **766** | **795** | **786** | **792** | **763** | **799** | | **767** |
| **10** | **778** | **765** | **787** | **767** | **794** | **776** | **783** | **773** | **797** | **788** | **793** | **769** | **799** | | **778** |
| **11** | **774** | **765** | **780** | **767** | **794** | **778** | **782** | **774** | **799** | **787** | **791** | **771** | **800** | | **783** |
| **12** | **775** | **765** | **783** | **766** | **793** | **783** | **781** | **775** | **795** | **786** | **790** | **771** | **798** | | **784** |
| **13** | **776** | **764** | **785** | **763** | **792** | **780** | **781** | **773** | **795** | **785** | **791** | **774** | **798** | | **778** |

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| **साप्ताहिक विद्युत दाब विचलन सूचकांक Weekly VDI From 2020-09-07 से 2020-09-13** | | | | | | | | | | |
| **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** | **429** | **411** | **0.0** | **71.46** | **28.54** | **00:00** | **47:57** | **47:57** | **0.28** |
| **2** | **Asoj** | **417** | **401** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **3** | **Bhilai** | **419** | **408** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **4** | **Bhopal** | **415** | **400** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **5** | **Boisar** | **430** | **404** | **0.0** | **58.82** | **41.18** | **00:00** | **69:11** | **69:11** | **0.41** |
| **6** | **Damoh** | **420** | **402** | **0.0** | **99.95** | **0.05** | **00:00** | **00:05** | **00:05** | **0.0** |
| **7** | **Dehgam** | **422** | **405** | **0.0** | **94.62** | **5.38** | **00:00** | **09:02** | **09:02** | **0.05** |
| **8** | **Dhule MS** | **436** | **419** | **0.0** | **0.39** | **99.61** | **00:00** | **167:21** | **167:21** | **1.0** |
| **9** | **Gwalior 400** | **415** | **390** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **10** | **Hazira** | **422** | **400** | **0.0** | **99.26** | **0.74** | **00:00** | **01:15** | **01:15** | **0.01** |
| **11** | **Indore 400** | **414** | **401** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **12** | **Itarsi** | **411** | **397** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **13** | **Jetpur** | **421** | **404** | **0.0** | **99.1** | **0.9** | **00:00** | **01:31** | **01:31** | **0.01** |
| **14** | **Kala-PG** | **422** | **399** | **0.0** | **93.02** | **6.98** | **00:00** | **11:44** | **11:44** | **0.07** |
| **15** | **Kalwa** | **439** | **405** | **0.0** | **31.72** | **68.28** | **00:00** | **114:43** | **114:43** | **0.68** |
| **16** | **Karad** | **435** | **409** | **0.0** | **22.35** | **77.65** | **00:00** | **130:27** | **130:27** | **0.78** |
| **17** | **Kasor** | **420** | **406** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **18** | **Khandwa** | **420** | **406** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **19** | **Magarwada** | **428** | **403** | **0.0** | **70.08** | **29.92** | **00:00** | **50:16** | **50:16** | **0.3** |
| **20** | **Mapusa-PG** | **433** | **394** | **0.0** | **64.63** | **35.37** | **00:00** | **59:25** | **59:25** | **0.35** |
| **21** | **Nagda** | **416** | **403** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **22** | **Parli** | **429** | **407** | **0.0** | **80.42** | **19.58** | **00:00** | **32:54** | **32:54** | **0.2** |
| **23** | **Raigarh-PG** | **423** | **414** | **0.0** | **81.64** | **18.36** | **00:00** | **30:51** | **30:51** | **0.18** |
| **24** | **Raipur** | **424** | **415** | **0.0** | **58.85** | **41.15** | **00:00** | **69:08** | **69:08** | **0.41** |
| **25** | **Vapi** | **421** | **395** | **0.0** | **99.05** | **0.95** | **00:00** | **01:36** | **01:36** | **0.01** |
| **26** | **Wardha 400** | **428** | **414** | **0.0** | **21.04** | **78.96** | **00:00** | **132:39** | **132:39** | **0.79** |
|  | | | | | | | | | | |
| **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** | **794** | **762** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **28** | **Durg** | **805** | **775** | **0.0** | **95.38** | **4.62** | **00:00** | **07:46** | **07:46** | **0.05** |
| **29** | **Gwalior 765** | **798** | **758** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **30** | **Indore 765** | **779** | **753** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **31** | **Kotra** | **800** | **778** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **32** | **Sasan** | **778** | **761** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **33** | **Satna** | **787** | **761** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **34** | **Seoni** | **794** | **766** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **35** | **Sipat** | **783** | **764** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **36** | **Tamnar** | **799** | **781** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **37** | **Vadodara** | **793** | **763** | **0.0** | **100.0** | **0.0** | **00:00** | **00:00** | **00:00** | **0.0** |
| **38** | **Wardha 765** | **800** | **765** | **0.0** | **99.95** | **0.05** | **00:00** | **00:05** | **00:05** | **0.0** |