

**साप्ताहिक विवरण**

Weekly Report वर्ष 2020/ / सप्ताह संख्या 29 अवधि 2020-07-13 से 2020-07-19

**Year 2020/ / Week No 29 Period from 2020-07-13 to 2020-07-19**

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)** | **(%)** | **(%)** | **(%)** | | **(%)** |  |  | **0.22** | |
| **13** | **50.15** | **49.69** | **49.96** | **18.47** | **76.1** | **5.43** | **23.9** | | **5.74** | **0.24** |
| **14** | **50.12** | **49.62** | **49.94** | **25.52** | **70.8** | **3.68** | **29.2** | | **7.01** | **0.29** |
| **15** | **50.17** | **49.69** | **49.97** | **15.05** | **76.74** | **8.21** | **23.26** | | **5.58** | **0.23** |
| **16** | **50.17** | **49.73** | **49.99** | **10.52** | **76.61** | **12.87** | **23.39** | | **5.61** | **0.23** |
| **17** | **50.19** | **49.69** | **49.99** | **7.22** | **80.51** | **12.27** | **19.49** | | **4.68** | **0.19** |
| **18** | **50.11** | **49.78** | **49.98** | **8.47** | **84.34** | **7.19** | **15.66** | | **3.76** | **0.16** |
| **19** | **50.16** | **49.88** | **50.02** | **0.43** | **78.03** | **21.54** | **21.97** | | **5.27** | **0.22** |

**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** |
| **13** | **427** | **409** | **418** | **405** | **417** | **411** | **413** | **402** | **427** | **410** | **424** | **409** | **423** | **408** | **433** | **413** | **408** | **390** |
| **14** | **424** | **415** | **418** | **403** | **418** | **411** | **414** | **402** | **427** | **409** | **422** | **409** | **421** | **407** | **434** | **417** | **412** | **389** |
| **15** | **423** | **416** | **418** | **402** | **419** | **412** | **416** | **403** | **428** | **409** | **424** | **411** | **420** | **406** | **435** | **417** | **415** | **392** |
| **16** | **423** | **413** | **419** | **403** | **419** | **413** | **415** | **404** | **430** | **409** | **423** | **412** | **423** | **408** | **435** | **418** | **415** | **397** |
| **17** | **424** | **415** | **417** | **402** | **418** | **412** | **415** | **402** | **429** | **411** | **424** | **410** | **423** | **407** | **434** | **419** | **414** | **393** |
| **18** | **424** | **411** | **417** | **404** | **415** | **410** | **413** | **403** | **429** | **410** | **422** | **410** | **422** | **407** | **433** | **419** | **413** | **395** |
| **19** | **420** | **412** | **417** | **407** | **417** | **410** | **416** | **405** | **429** | **413** | **425** | **412** | **420** | **410** | **433** | **421** | **414** | **393** |

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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** |
| **13** | **415** | **404** | **409** | **399** | **421** | **404** | **439** | **413** | **433** | **416** | **422** | **410** | **417** | **405** | **418** | **407** | **430** | **407** |
| **14** | **416** | **404** | **410** | **399** | **418** | **407** | **439** | **413** | **400** | **400** | **420** | **409** | **419** | **406** | **418** | **405** | **429** | **409** |
| **15** | **417** | **403** | **412** | **399** | **418** | **410** | **439** | **412** | **400** | **400** | **423** | **408** | **420** | **406** | **418** | **405** | **430** | **402** |
| **16** | **416** | **405** | **412** | **401** | **417** | **406** | **439** | **413** | **400** | **400** | **424** | **409** | **419** | **408** | **417** | **407** | **430** | **402** |
| **17** | **415** | **403** | **412** | **400** | **418** | **408** | **439** | **414** | **400** | **400** | **422** | **408** | **419** | **408** | **417** | **405** | **428** | **399** |
| **18** | **413** | **405** | **409** | **400** | **419** | **407** | **439** | **414** | **400** | **400** | **420** | **410** | **417** | **409** | **414** | **406** | **429** | **401** |
| **19** | **417** | **409** | **413** | **403** | **417** | **407** | **439** | **418** | **432** | **400** | **418** | **411** | **420** | **410** | **419** | **410** | **429** | **402** |

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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** |
| **13** | **431** | **423** | **422** | **417** | **420** | **403** | **424** | **408** | **786** | **760** | **783** | **765** | **789** | **755** | **776** | **751** | **794** | **776** |
| **14** | **430** | **424** | **423** | **416** | **421** | **402** | **423** | **413** | **788** | **758** | **785** | **765** | **793** | **748** | **781** | **754** | **788** | **777** |
| **15** | **425** | **425** | **423** | **418** | **423** | **404** | **425** | **414** | **790** | **765** | **783** | **774** | **799** | **757** | **782** | **750** | **794** | **778** |
| **16** | **425** | **425** | **423** | **418** | **424** | **404** | **424** | **416** | **790** | **764** | **783** | **783** | **795** | **758** | **776** | **756** | **789** | **781** |
| **17** | **430** | **424** | **423** | **418** | **423** | **402** | **423** | **415** | **789** | **764** | **783** | **783** | **791** | **758** | **776** | **754** | **792** | **780** |
| **18** | **429** | **424** | **420** | **416** | **422** | **400** | **422** | **411** | **786** | **764** | **783** | **774** | **793** | **754** | **775** | **757** | **791** | **780** |
| **19** | **430** | **425** | **422** | **416** | **421** | **403** | **423** | **414** | **794** | **769** | **783** | **774** | **794** | **766** | **782** | **766** | **795** | **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** |
| **13** | **772** | **760** | **778** | **759** | **791** | **761** | **781** | **765** | **793** | **776** | **792** | **767** | **792** | | **748** |
| **14** | **774** | **759** | **782** | **756** | **789** | **767** | **778** | **766** | **788** | **777** | **794** | **767** | **788** | | **757** |
| **15** | **774** | **761** | **784** | **762** | **794** | **771** | **782** | **769** | **794** | **779** | **793** | **763** | **793** | | **764** |
| **16** | **776** | **764** | **786** | **764** | **791** | **773** | **780** | **772** | **789** | **782** | **794** | **766** | **789** | | **766** |
| **17** | **776** | **763** | **783** | **763** | **792** | **775** | **781** | **771** | **792** | **781** | **790** | **766** | **790** | | **768** |
| **18** | **774** | **763** | **782** | **763** | **787** | **770** | **779** | **769** | **792** | **781** | **789** | **771** | **786** | | **758** |
| **19** | **779** | **766** | **789** | **767** | **794** | **774** | **782** | **772** | **794** | **781** | **792** | **775** | **789** | | **764** |

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| **साप्ताहिक विद्युत दाब विचलन सूचकांक Weekly VDI From 2020-07-13 से 2020-07-19** | | | | | | | | | | |
| **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** | **427** | **409** | **0.0** | **67.22** | **32.78** | **0.0** | **55.07** | **55.07** | **0.33** |
| **2** | **Asoj** | **419** | **402** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **3** | **Bhilai** | **419** | **410** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **4** | **Bhopal** | **416** | **402** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **5** | **Boisar** | **430** | **409** | **0.0** | **49.95** | **50.05** | **0.0** | **84.08** | **84.08** | **0.5** |
| **6** | **Damoh** | **425** | **409** | **0.0** | **95.51** | **4.49** | **0.0** | **7.55** | **7.55** | **0.04** |
| **7** | **Dehgam** | **423** | **406** | **0.0** | **93.54** | **6.46** | **0.0** | **10.85** | **10.85** | **0.06** |
| **8** | **Dhule MS** | **435** | **413** | **0.0** | **5.11** | **94.89** | **0.0** | **159.42** | **159.42** | **0.95** |
| **9** | **Gwalior 400** | **415** | **389** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **10** | **Hazira** | **425** | **392** | **0.0** | **93.6** | **6.4** | **0.0** | **10.75** | **10.75** | **0.06** |
| **11** | **Indore 400** | **417** | **403** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **12** | **Itarsi** | **413** | **399** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **13** | **Jetpur** | **421** | **404** | **0.0** | **99.94** | **0.06** | **0.0** | **0.1** | **0.1** | **0.0** |
| **14** | **Kala-PG** | **427** | **405** | **0.0** | **60.55** | **39.45** | **0.0** | **66.28** | **66.28** | **0.4** |
| **15** | **Kalwa** | **439** | **412** | **0.0** | **15.37** | **84.63** | **0.0** | **142.18** | **142.18** | **0.85** |
| **16** | **Karad** | **433** | **400** | **0.0** | **86.82** | **13.18** | **0.0** | **22.13** | **22.13** | **0.13** |
| **17** | **Kasor** | **424** | **408** | **0.0** | **99.75** | **0.25** | **0.0** | **0.42** | **0.42** | **0.0** |
| **18** | **Khandwa** | **420** | **405** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **19** | **Magarwada** | **431** | **409** | **0.0** | **44.61** | **55.39** | **0.0** | **93.05** | **93.05** | **0.55** |
| **20** | **Mapusa-PG** | **436** | **400** | **0.0** | **46.34** | **53.66** | **0.0** | **90.15** | **90.15** | **0.54** |
| **21** | **Nagda** | **419** | **405** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **22** | **Parli** | **430** | **399** | **0.0** | **50.58** | **49.42** | **0.0** | **83.03** | **83.03** | **0.49** |
| **23** | **Raigarh-PG** | **431** | **423** | **0.0** | **0.0** | **100.0** | **0.0** | **168.0** | **168.0** | **1.0** |
| **24** | **Raipur** | **423** | **416** | **0.0** | **71.98** | **28.02** | **0.0** | **47.07** | **47.07** | **0.28** |
| **25** | **Vapi** | **424** | **400** | **0.0** | **91.42** | **8.58** | **0.0** | **14.42** | **14.42** | **0.09** |
| **26** | **Wardha 400** | **425** | **408** | **0.0** | **54.6** | **45.4** | **0.0** | **76.27** | **76.27** | **0.45** |
|  | | | | | | | | | | |
| **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** | **758** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **28** | **Durg** | **785** | **765** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **29** | **Gwalior 765** | **799** | **748** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **30** | **Indore 765** | **782** | **750** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **31** | **Kotra** | **795** | **776** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **32** | **Sasan** | **779** | **759** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **33** | **Satna** | **789** | **756** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **34** | **Seoni** | **794** | **761** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **35** | **Sipat** | **782** | **765** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **36** | **Tamnar** | **794** | **776** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **37** | **Vadodara** | **794** | **763** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **38** | **Wardha 765** | **793** | **748** | **0.0** | **100.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |