



Outstanding Achievement of MP. Transco | Madhya Pradesh | 20 May 2023

Why in News?

According to the information given by the Madhya Pradesh Public Relations Department on 18 May 2023, M.P. TRANSCO (MP Power Transmission Company) has achieved an excellent achievement by energizing the 1000th transformer in its transmission network of the state.

Key Points:

- According to information, MP Transco has achieved this success by installing and energizing 63 MVA capacity power transformers in the 132 KV sub-station of the Harda district.
- With this, while the capacity of the substation has increased to 189 MVA, the transformation capacity of the Harda district has increased to 839 MVA.
- MP Transco transmits power through one 220 KV sub-station Handia and three 132 KV sub-stations Harda, Khirkiya and Sultanpur in the Harda district.
- MP Transco is the transmission utility with the lowest transmission loss in the country with 2.63% transmission loss. Apart from this, the transmission system availability of MP Transco is the best in the country at 99.45 percent against the prescribed 98.5 percent.
- With the installation of this 1000th transformer in MP Transco, the transformation capacity of the state has increased to 77,109 MV. This includes 11 thousand 200 MVA in 400 KV, 31 thousand 875 MVA in 220 KV and 34 thousand 34 MVA in 132 KV.
- In the network of MP Power Transmission Company, 414 very high-tension sub-stations are functional. This includes 14 thousand 220 KV 88 sub-stations of 400 KV voltage level and 312 sub-stations of 132 KV voltage.
- In MP Power Transmission Company, 36 power transformers of 400 KV level, 208 of 220 KV and 756 power transformers of 132 KV are operational.
- In the year 2022-23, 88 thousand 850 million units of electricity were supplied from the network of MP Transco in the state, which is the best ever.
- MP Transco's transmission lines are installed in 41527.76 circuit kilometers in the state, in which electricity is transmitted through 87 thousand 258 towers.
- It is worth mentioning that when the power supply is high, there is a possibility of increasing the transmission loss. In the year 2022-23, more than 08 per cent of electricity was supplied as compared to the previous year, yet the transmission losses in MP Transco remained equal to the previous year i.e. 2.63 percent.

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