

# CPRI Nagpur: Strengthening Power Sector Research and Electrical Equipment Testing

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Under its longstanding collaboration with the Government of Maharashtra, the Regional Unit of the Central Power Research Institute (CPRI) at Nagpur has been functioning for over three decades, providing research and consultancy services in the field of thermal engineering.

Further, to cater to the testing requirements in the region, CPRI, with the support of the Government of Maharashtra, has recently operationalized a Regional Testing Laboratory (RTL) at Nashik. The laboratory is equipped with a wide range of facilities, including short-circuit testing of transformers and switchgears, testing of energy meters and transformer insulating oil etc. thereby strengthening the electrical equipment testing infrastructure in the region.

The Government of India recognizes the critical role of quality assurance, testing and technical evaluation in the modernization of the power sector. CPRI provides nationally accredited testing, certification, research, consultancy, and technical services to power utilities and manufacturers across the country.

With the support extended by the Government of Maharashtra, CPRI has established regional facilities at Nagpur and Nashik, enabling power utilities and industries in the State to conveniently access world-class testing and technical services. The State power utilities are encouraged to avail themselves of these facilities, as per their requirements, to ensure the quality, safety, reliability, performance, and regulatory compliance of electrical equipment deployed in transmission and distribution systems, thereby contributing to the development of a robust and resilient transmission and distribution network.

CPRI, with its eight state-of-the-art testing laboratories located across the country, caters to the testing requirements of power utilities, manufacturers, and other stakeholders in the power sector. In addition to continuously augmenting its existing testing infrastructure, it also expands its regional testing facilities based on requests received from State Governments, subject to an assessment of regional demand, technical requirements, and techno-economic feasibility.

This information was given by the Minister of State in the Ministry of Power, Shri Shripad Naik, in a written reply in the Rajya Sabha today.

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