

UP plans ₹1.5 lakh-cr investment to meet soaring power demand

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To address the rising demand for electricity, the Uttar Pradesh government is mobilising investments totalling ₹1.5 lakh crore over the next five years. By 2028, peak energy demand in UP is expected to exceed 53,000 megawatts (MW).

The planned investment in UP's energy projects will cover the entire value chain of generation, transmission, and distribution, incorporating both conventional and renewable energy sources. Government estimates indicate that public sector investments in the UP energy sector will reach ₹90,000 crore, while private sector contributions will help bring the total investment to

nearly ₹1.5 trillion within four to five years.

According to sources from the Indian Electrical and Electronics Manufacturers' Association (IEEMA), the increasing energy demand is crucial for achieving UP's goal of a \$1-trillion economy. In 2024, UP's peak power demand surpassed the 30,000 MW mark due to growing industrialisation, urbanisation, and the expansion of charging infrastructure for electric vehicles across the state. While UP aims to generate 22,000 MW of solar energy by 2027-28, it is also increasing thermal power generation to meet the rising demand from various sectors, including industry, commerce, residential areas, and agriculture. To attract investment,

UP is offering a range of incentives to private sector companies to establish power projects and manufacturing plants catering to both domestic and international markets. The state's total power consumption is projected to grow at an annual rate of 16 per cent, reaching 277,000 million units (MU) by 2028. The western region of UP is expected to experience higher industrial power consumption compared to other areas, with predictions indicating it will account for 62 per cent of the state's energy consumption due to a greater concentration of industries and commercial establishments. Earlier, Chief Minister Yogi Adityanath instructed Energy department officials to expedite various power projects across

the state.

Meanwhile, IEEMA has announced the world's largest electrical show, 'Elecrama 2025,' scheduled for February 22 to 26, 2025 in Greater Noida, aimed at catalysing the domestic energy value chain. Top manufacturers and power companies from around the globe will participate in this mega event, designed to support the Indian manufacturing industry. Currently, India's electrical equipment exports are estimated at \$12 billion, with the domestic industry aiming to boost shipments as global players seek alternatives to China for sourcing goods. IEEMA is also focused on promoting energy sector startups and nurturing women business leaders in the industry.