



The Union Ministry of Power unveiled a proposal titled “Transmission System for Integration of over 500 Gw RE Capacity by 2030” to support the 500 Gw renewable energy (RE) capacity by the end of this decade.

A total of Rs 2.44 trillion would be invested in transmission projects as part of the plan, which comprises connecting large-scale solar and wind energy facilities to the national grid.

The mega plan calls for building 8,120 circuit kilometres (ckm) of high-voltage direct current transmission lines (+800 kV and +350 kV), 25,960 ckm of 765 kV ac lines, 15,758 ckm of 400 kV lines, and 1,052 ckm of 220 kV cable.

By 2030, 51.5 Gw of battery energy storage capacity is also planned for installation.

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