

STEPS BY GOVERNMENT OF INDIA TO IMPLEMENT 'ONE NATION-ONE GRID-ONE FREQUENCY'

Relevant for: null | Topic: Important Schemes & Programmes of the Government

Initially, to start the integration of regional grids leading to formation of a National Grid, the regional grids were interconnected through HVDC links for controlled power flow. The first Inter-Regional AC link (220 kV) was established between Eastern Region (ER)-North Eastern Region (NER) in 1992. The large scale grid integration started in 2003 with establishment of 400 kV Rourkela-Raipur Double circuit (D/c) line, interconnecting Eastern Region-Western Region. The synchronous National Grid was established in 2013 after commissioning of 765 kV Solapur-Raichur lines, interconnecting Western Region(WR)-Southern Region (SR), fulfilling "One Nation-One Grid-One Frequency". In January 2019, the 220kV Srinagar-Leh Transmission System was commissioned which connected the remote Leh region to the Nation Grid.

This information was given by Shri R.K Singh Union Minister for Power and MNRE in a written reply in Lok Sabha today.

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