

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:912

ANSWERED ON:13.07.2004

NATIONAL POWER TRANSMISSION NETWORK GRID

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Will the Minister of POWER be pleased to state:

- (a) whether the Government propose to set up a long distance inter-regional nation- wide power transmission network grid;
- (b) if so, the details thereof;
- (c) the estimated cost thereof;
- (d) the time by which it is likely to be completed and made operational; and
- (e) the benefits likely to be derived there from ?

Answer

THE MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI P.M. SAYEED)

(a) & (b) : A plan has been chalked out for development of a National Power Grid through integration of all the regional transmission systems in the country. The present inter-regional transmission capacity in the country is 8400 MW which is likely to increase to over 30000 MW by 2012. A list of the existing inter-regional transmission lines and those under construction/planned for completion by 2012 is at Annex.

(c) :Power Grid Corporation of India Ltd. has envisaged to invest around Rs.70,000 crore in the Central Sector in 10th and 11th Plan on intra-regional and inter- regional transmission lines for development of the National Power Grid.

(d) :Integration of regional grids is a continuing process. In addition to the inter-regional transmission line which have been planned for completion upto 2012, more inter-regional and intra-regional links may be required depending upon the generation addition and power flow requirement.

(e) :Integration of regional transmission systems would facilitate optimum utilization of unevenly distributed generation resources by transfer of power from surplus region to deficit region, resulting in optimization of generation capacity, improved system reliability and grid security.