

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1907

ANSWERED ON:17.07.2009

SUPER-CRITICAL POWER UNITS

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Will the Minister of POWER be pleased to state:

- (a) whether the Government proposes to set up Super-Critical Power Units in the country;
- (b) if so, the details thereof, State-wise;
- (c) the present status of these power units; and
- (d) the role of private sector in setting up of these units?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARAT SINGH SOLANKI)

(a) : Yes, Madam. Supercritical technology is being introduced to enhance the efficiency of coal fired thermal generation. Already a number of supercritical units of 660/800 MW are under construction in the country. Supercritical technology has been made mandatory for Ultra Mega Power Projects being implemented.

(b) & (c) : The details of supercritical units (other than Ultra Mega Power Projects) being installed and their present status are given at Annex-I. Details of Supercritical units planned as Ultra Mega Power Projects and their present status is given at Annex-II.

(d) : The private sector is involved in implementation of large number of supercritical units. Four Ultra Mega power projects aggregating to about 16,000 MW have been awarded to private developers. Other projects with supercritical units being implemented by private sector are Mundra phase-II 2x660 MW, Mundra Phase-III 3x660 MW and Tirora phase-I 2x 660 MW and Tirora phase-II 1x660 MW. Some more projects are also being developed by the private sectors with supercritical technology.