

**GOVERNMENT OF INDIA
HEAVY INDUSTRIES AND PUBLIC ENTERPRISES
LOK SABHA**

UNSTARRED QUESTION NO:4548
ANSWERED ON:11.08.2014
THERMAL POWER TECHNOLOGY SCHEME .
Sreeramulu Shri B.

Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES be pleased to state:

- (a) whether the Government proposes to introduce Ultra Modern Super Critical Coal Based Thermal Power Technology scheme in the country`;
- (b) if so, the details thereof along with the aims and objectives of the said scheme;
- (c) the funds allocated by the Government for the scheme; and
- (d) the steps taken/proposed to be taken by the Government to implement the scheme?

Answer

MINISTER OF STATE IN THE MINISTRY OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES
(SHRI PON. RADHAKRISHNAN)

- (a): Yes, Madam. A new scheme has been introduced in the Union Budget of 2014-15 for `Development of Advanced Ultra Super-Critical (Adv-USC) Technology for Thermal Power Plants` as an R&D Project.
- (b): The aim & objective of the scheme is to undertake R&D and other aspects of Adv-USC Technology for Thermal Power Plants in order to improve power plant efficiency (to 45 - 46 %), reduce carbon-dioxide emissions and reduce coal consumption, as well as establishing a demonstration power plant of 800 MW capacity based on the developed technology.
- (c): The overall cost of the R&D Phase is estimated to be Rs. 1554 Crore. For the Financial Year 2014-15, the Government has made a budgetary provision of Rs. 100 Crore for the project.
- (d): Expenditure Finance Committee has approved the project on 23.06.2014. Subject to approval of the Cabinet, work on R&D Phase shall start.