

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES
DEPARTMENT OF HEAVY INDUSTRY

LOK SABHA
UNSTARRED QUESTION NO. 4548
TO BE ANSWERED ON 11.08.2014

Thermal Power Technology Scheme

4548. SHRI B. SRIRAMULU:

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.
