

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
LOK SABHA  
UNSTARRED QUESTION NO.2967  
TO BE ANSWERED ON 03/08/2016**

**INDO-US ENERGY GENERATING SYSTEM**

**2967. DR. SHRIKANT EKNATH SHINDE:  
SHRI ADHALRAO PATIL SHIVAJIRAO:  
SHRI SHRIRANG APPA BARNE:**

Will the Minister of **SCIENCE AND TECHNOLOGY** विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether India and United States are working jointly on a project to build a first of its kind energy generating system which is expected to be far safer than the nuclear reactors;
- (b) if so, the details and the salient features thereof;
- (c) the manner in which it is likely to be useful to fulfil the energy needs of the country;
- (d) whether any target has been fixed to complete the project; and
- (e) if so, the details and the present status thereof along with the time by which the aforesaid project is likely to be completed?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY  
AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES  
(SHRI Y.S. CHOWDARY)**

विज्ञान और प्रौद्योगिकी मंत्रालय में राज्य मंत्री और पृथ्वी विज्ञान मंत्रालय में राज्य मंत्री  
(श्री वाई. एस. चौधरी)

(a) to (e): No, Madam. However, Solar Energy Research Institute for India and United States, a Virtual Centre under Partnership for Advanced Clean Energy - Research (PACE-R) have set up India's first test bed for next generation efficient, compact, water less super critical carbon di-oxide Brayton cycle test loop for power generation, which as per the available information, is the first test loop coupled with solar heat source.

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