

**GOVERNMENT OF INDIA  
NEW AND RENEWABLE ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:3759  
ANSWERED ON:19.03.2015  
HYDROGEN FUEL CELLS  
Joshi Shri Pralhad Venkatesh

**Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:**

- (a) whether any research and development is being conducted to understand the usage of hydrogen fuel cells in the country;
- (b) if so, the details thereof;
- (c) whether it is proposed to set up hydrogen fuel research centres in the country; and
- (d) if so, the details thereof?

**Answer**

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a)&(b): Yes, Madam. Ministry of New and Renewable Energy under its broad based Research, Development and Demonstration (RD&D) programme has been supporting projects at academic institutions, research and development organizations and industry for development of hydrogen and fuel cells. A total twenty six RD&D projects on hydrogen and fuel cells are presently under implementation with the support of the Ministry.

(c)&(d): Indian Oil Corporation Limited R&D Centre, Faridabad has developed a proposal for setting up a Centre of Excellence for Hydrogen Energy and Fuel Cells in the campus of the National Institute of Solar Energy at Gwalpahari, Gurgaon, Haryana.