

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 912**  
TO BE ANSWERED ON 28.04.2016

**USE OF ETHANOL**

912. SHRI AJAY MISRA TENI:

Will the Minister of New and Renewable Energy be pleased to state:

- (a) whether any agreement has been signed between India and United States of America to undertake research and study regarding use of ethanol in order to promote use of bio-fuel
- (b) if so, the details thereof along with the target set by both these countries in this regard?
- (c) whether the said move is likely to be beneficial for environment and also for the sugar industry which is facing crisis; 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, A Joint Agreement between US Department of Energy and Government of India was signed on 4<sup>th</sup> November, 2010. It covers sustainable production of biofuel, emphasizing on sustainable feedstock cultivation and supply, biochemical conversion technologies for production of second generation biofuels with minimal environmental impact, and analysis of overall sustainability and supply chain of feedstock. The major goal is to develop and optimize selected non-food biomass based advanced biofuels systems and bio-based products like biogas and lignin-based by products for the U.S. and India.

**(c)&(d):** The expected benefits for both the nations is by delivering a working model for feedstock production and supply, biochemical conversion approaches and technologies, overall economics and sustainability of biofuel production & supply systems.

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