

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.940**  
TO BE ANSWERED ON 16.07.2014

**PRODUCTION OF HEAVY WATER**

940. SHRIMATI DARSHANA VIKRAM JARDOSH:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government proposes to set up one more unit for production of heavy water at Hazira;
- (b) if so, the details thereof;
- (c) the funds allocated for the purpose; and
- (d) the time by which the plant is likely to start production?

**ANSWER**

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

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- (a)&(b) In order to augment its Heavy Water production capacity, Heavy Water Board (HWB), a constituent unit of Department of Atomic Energy (DAE), has initiated an activity for a techno-commercial assessment of options for setting up an additional stream for production of heavy water in one of its existing Heavy Water Plants, based on Ammonia Hydrogen Exchange Process. The Heavy Water Plant at Hazira receives its feed of Ammonia from the plant of M/s. KRIBHCO, Hazira. M/s. KRIBHCO have been contacted for confirming their plans to add a new Ammonia Plant that could give feed to an additional stream of Heavy Water production at Hazira.
- (c) The detailed project report on finalization, will spell out the requirement of funds.
- (d) Implementation of the project is expected to take five years, after its sanction.

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