



# हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) रजिस्टर्ड ऑफिस : 17, जमशेदजी टाटा रोड, मुंबई - 400 020.

## HINDUSTAN PETROLEUM CORPORATION LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI - 400 020.

17, जमशेदजी टाटा रोड, पोस्ट बॉक्स नं. - 11041, मुंबई - 400 020. दूरभाष - 2286 3900 • फॅक्स - 2287 2992 • ई-मेल : corphqo@hpcl.co.in  
17, Jamshedji Tata Road, P. O. Box No. - 11041, Mumbai - 400 020. Tel. : 2286 3900 • Fax : 2287 2992 • e-mail : corphqo@hpcl.co.in  
CIN No.: L23201MH1952GOI008858

Ref. : S 180/ U 214 for 03-02-21

January 29, 2021

Question: SWRO-II in the state of Andhra Pradesh by Shri Y S Chowdhary

Starred ✓	Unstarred
Lok Sabha	Rajya Sabha ✓

Will the Minister of Petroleum & Natural Gas be pleased to state:

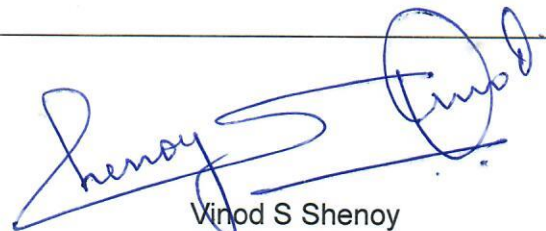
- whether it is a fact that construction works of Sea Water Reverse Osmosis Plant (SWRO II WITH LLPH Facilities) in the State of Andhra Pradesh at is yet to be completed;
- if so, the details thereof and if not, the reasons therefor; and
- the steps taken/being taken by Government in this regard?

Reply :

- Construction works of SWRO-II with LLPH facility for Visakh Refinery Modernisation Project is yet to be completed
- Sea Water Reverse Osmosis plant with LLPH facility is being constructed with a capacity of 1,580 cubic meter per hour. These facilities are being implemented to reduce the usage of fresh water by substituting the same with treated sea water. The SWRO unit is based on Reverse Osmosis process based on membrane technology. The facility consist of Membrane skids, pre-treatment section, ultra-filtration system, high pressure pumps, recovery exchangers and sea water intake facilities. Engineering and procurement are in an advanced stage of completion. Significant amount of material and equipment has been received at site. The completion of these facilities has been delayed on account of combined effect of COVID-19, site related constraints and slow project execution by the agencies.

The facilities are expected to progressively get completed in Q2 of financial year 2021-22.

- There is a continuous engagement by HPCL and M/s EIL, the project management consultant PMC, with concerned agencies for supply of balance material, deployment of additional resources and expediting the residual activities.

  
Vinod S Shenoy  
Director-Refineries