

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2541
TO BE ANSWERED ON-02.08.2018

NATIONAL OFFSHORE WIND ENERGY POLICY

2541. SHRIMATI POONAM MAHAJAN

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

- (a) the salient features of the National Offshore Wind Energy Policy including the tariff cost structure of offshore wind power production;
- (b) the details of initiatives undertaken by the National Institute of Wind Energy to implement the policy since its inception year-wise; and
- (c) whether the Government has ascertained substantial scope for wind power production off the coasts of Maharashtra and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

- (a) The National Offshore Wind Energy Policy was notified by the Government on 7th October, 2015. According to this policy, the National Institute of Wind Energy (NIWE), Chennai will act as the nodal agency for carrying out the activities related to development of offshore wind energy in the country within the Exclusive Economic Zone of India. The policy has the provision of allocating the sea bed for offshore wind energy development through International Competitive bidding. The tariff for offshore wind energy is yet to be discovered.
- (b) The details of initiatives taken by NIWE for implementation of the policy year-wise are given in **Annexure**.
- (c) As per the preliminary studies carried out by NIWE through satellite data, good potential for offshore wind energy development exists off the coast of Gujarat and Tamil Nadu. The scope for wind power production off the coast of Maharashtra is yet to be ascertained.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 2541 FOR 02.08.2018

2015:

- (i) Offshore wind potential zones were identified off the coast of Gujarat and Tamil Nadu.
- (ii) The prefeasibility report for offshore wind farm development in Gujarat and Tamil Nadu were published by Facilitating Offshore Wind in India (FOWIND) consortium in which NIWE was a knowledge partner.

2016:

- (i) Study on supply chain and port infrastructure and logistic was carried out and published by FOWIND.
- (ii) Selection of the location for installation of Light Detection and Ranging (LiDAR) off the coast of Gujarat for wind resource measurement.

2017:

- (i) Design, fabrication, installation and commissioning of a LiDAR platform off the coast of Gujarat to validate wind resource assessment.
- (ii) Installation and commissioning of the LiDAR for wind resource measurement off the coast of Gujarat.
- (iii) Geophysical survey for 70 Sq.km off the coast of Gujarat under the First Offshore Wind Project of India (FOWPI), a project supported by European Union.

2018:

- (i) NIWE is carrying out geophysical, met-ocean and geotechnical surveys for a selected zone off the coast of Gujarat in association with National Institute of Ocean Technology, Chennai.
- (ii) The feasibility studies for offshore wind farm in Gujarat and Tamil Nadu has been published by FOWIND.
- (iii) The Expression of Interest (EoI) for one GW offshore wind farm in Gujarat was floated and initial consultation with 35 participants of EoI has been carried out for preparation of the tender document.