

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

STARRED QUESTION NO:332
ANSWERED ON:16.12.2011
PROMOTION OF TIDAL ENERGY
Semmalai Shri S. ;Singh Shri Dhananjay

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

- (a) the present status of obtaining renewable energy from tidsals and the locations identified for the purpose;
- (b) the funds allocated and utilised for harnessing tidal energy during the last two years and current year;
- (c) whether the Government has any plan to promote use of tidal energy and also formulate ocean energy policy in the country; and
- (d) if so, the details thereof ?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a),(b),(c)&(d): A statement is laid on the Table of the House.

Statement referred to in reply to Parts (a),(b),(c)&(d) of the Lok Sabha Starred Question No. 332 for answer on 16.12.2011 regarding Promotion of Tidal Energy

(a) : Ministry of New and Renewable Energy (MNRE) has sanctioned a demonstration project for setting up 3.75 MW capacity Tidal Energy

Power Plant at Durgaduani Creek in Sunderbans region to West Bengal Renewable Energy Development Agency (WBREDA), Kolkatta. The project is being executed by National Hydro Power Corporation (NHPC) Ltd.

A study was undertaken for the assessment of tidal energy potential in the country. According to the report of the study, there is an estimated potential of about 8000 MW of tidal power in the country. This includes about 7000 MW in the Gulf of Cambay, 1200 MW in the Gulf of Kutch in the State of Gujarat and about 100 MW in the Gangetic Delta in the Sunderbans region of West Bengal. In order to exploit tidal wave power, Government of Gujarat has signed a Memorandum of Understanding in January 2011 for establishing a 250 MW tidal wave based power project amongst Gujarat Power Corporation Ltd. (GPCL), M/s Atlantis Resource Corporation (U.K.) and Perfect Mining Energy Solutions (PMES), Singapore. A Special Purpose Vehicle has been incorporated in May, 2011. GPCL has taken up a 50 MW tidal wave power project to start with.

(b): Funds allocated Funds utilized

| Year | Budget | Outlay |
|------|--------|--------|
|------|--------|--------|

| | | |
|---------|--------------|-----|
| 2009-10 | Rs.2.00crore | Nil |
|---------|--------------|-----|

| | | |
|---------|---------------|---------------|
| 2010-11 | Rs.2.00 crore | Rs.2.00 crore |
|---------|---------------|---------------|

| | | |
|---------|----------------|------------------------|
| 2011-12 | Rs. 10.00 Lakh | Nil (as on 30.11.2011) |
|---------|----------------|------------------------|

(c): Yes, Madam.

(d): MNRE has policy guidelines on support to research and development, survey and investigation and taking up demonstration projects in the area of Tidal Energy.