

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

UNSTARRED QUESTION NO:6920
ANSWERED ON:18.05.2012
TIDAL ENERGY
Singla Shri Vijay Inder

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

- (a) whether his Ministry has conducted any feasibility study for power production from tidal waves on the sea shores of the country;
- (b) if so, the proposed accumulated production and total cost calculated for the plants and other equipment;
- (c) whether any State Government has submitted any proposal in this regard; and
- (d) if so, the details thereof and action taken by the union Government thereon?

Answer

MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a)&(b): Yes, Madam. A feasibility study for setting up of a 900 MW tidal power project in Kutch district of Gujarat was conducted by National Hydro Power Corporation Ltd. in the early nineties. The project was not found to be commercially viable due to high capital cost as well as high cost of generation of electricity. Further, West Bengal Renewable Energy Development Agency (WBREDA) had also conducted a feasibility study for setting up of 3.75 MW tidal power plant at the Durgaduani Creek in Sunderbans region of West Bengal. However, the project has been discontinued due to very high tender cost amounting to 238 crores against an originally estimated cost of 48 crores. Gujarat Power Corporation Ltd. (GPCL) has also identified two sites namely (i) Gulf of Kutch and (ii) Gulf of Khambhat with a potential of over 300 MW each.

(c)&(d): GPCL has made a request for grant of 1035 crores for 50 MW tidal power plant at Mandavi in district Kutch to Ministry of New and Renewable Energy. However no detailed project report has been forwarded as yet.