

**GOVERNMENT OF INDIA  
PETROLEUM AND NATURAL GAS  
LOK SABHA**

UNSTARRED QUESTION NO:2278  
ANSWERED ON:07.12.2006  
ELECTRICITY FROM WIND GENERATORS  
Tripathy Shri Braja Kishore

**Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:**

- (a) whether the Oil and Natural Gas Corporation (ONGC) has planned to produce electricity from wind generators in various States;
- (b) if so, the details thereof;
- (c) whether this method is cost effective in comparison with captive diesel or gas fired generators which are also proved to be pollutant;
- (d) if so, the comparative details thereof; and
- (e) the steps taken by the Government to generate more electricity through wind generators?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI DINSHA PATEL)

(a)&(b) : Yes Sir. Oil and Natural Gas Corporation Limited (ONGC) has reported that they plan to develop two power projects of 50 MW capacity, one each in Gujarat and Karnataka during the period 2007-08.

(c) & (d): Wind generators are comparable to gas fired generators but are cost effective in comparison to diesel fired generators. The details are as follows :

Source	Estimated cost per Unit (Kwh) Rs.
Wind	2.25 - 2.75
Diesel	5.50 - 7.00
Gas	2.40 - 2.70

(e) : The Government is encouraging setting up of wind power projects in the country by providing concessional import duty on certain components of wind electric generator, excise duty exemption, ten years' tax holiday on income generated from wind power projects, benefit of accelerated depreciation, loan from Indian Renewable Energy Development Agencies (IREDA) and other financial institutions, policies in the States for grid connection and sale of electricity generated, technical support by the Centre for Wind Energy Technology (C-WET) and detailed wind resource assessment to identify further potential sites.