

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

UNSTARRED QUESTION NO:3633  
ANSWERED ON:11.12.2009  
WIND ENERGY GENERATION  
Thomas Shri P. T.

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

- (a) whether the Global Wind Energy Council has estimated that 25 per cent of India's energy requirement could be met by wind power by the year 2030;
- (b) if so, whether the Government has conducted any study about the possibility of tapping wind energy through out the 7500 kilometers coastline in the country;
- (c) if so, the details thereof;
- (d) whether it has come to the notice of the Government that apart from providing wind energy the wind farms in coastline can also generate employment opportunities; and
- (e) if so , the details thereof?

**Answer**

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

- (a): Global Wind Energy Council in their report on "Indian Wind Energy Outlook 2009" has built up three different scenarios for wind power development in India. In the advanced scenario, G-WEC has made such a projection based on extremely ambitious assumptions.
- (b)&(c): The Centre for Wind Energy Technology (C-WET) has been carrying out wind resource assessment studies in the country including in the coastal areas. While the western coast line has only a modest potential, the southern and western coast line have shown relatively a good potential.
- (d)&(e): One of the benefits of setting up of wind power projects, including in coastal areas is employment generation. It is estimated that on an average 6-10 direct and about 30 indirect jobs are created per Megawatt capacity addition including for manufacture, installation and operation-maintenance.