

**New Locations for Tapping of Wind Energy**

**838. SHRI RAMACHANDRA KHUNTIA :** Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state :

(a) whether Government have identified certain new locations to tap Wind Energy;

(b) if so, details thereof especially name of locations in Orissa; and

(c) the strategy proposed to be adopted by Government to achieve the target of adding 5,000 M.W. power during the next ten years ?

**THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN) :** (a) 201 potential locations have been identified in 13 States to tap wind energy in the country.

(b) Six potential locations, namely, Chandipur, Chatrapur, Damanjodi, Gopalpur, Paradwip and Puri have been identified in Orissa.

(c) Fiscal and promotional incentives are being provided and soft loans for commercial projects are available from Indian Renewable Energy Development Agency (IREDA). In order to accelerate commercial development, the State Governments have been requested to announce conducive policies for grid connection and sale of electricity generated from wind power projects. A Centre for Wind Energy Technology (C-WET) has been established in Chennai to provide technical support for wind power development. The Resource Assessment Programme is being continued to identify new potential sites in various States.

**Installation of Wind Mill Operations**

**839. SHRI R. KAMARAJ :** Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state :

(a) whether Government is aware that Thiruvavur Nagapattinam and Thanjavur Districts are very suitable places for power generation through wind-mill operations;

(b) if so, whether there is any proposal with Government for installation of wind-mills in those districts; and

(c) if so, the details thereof ?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN) : (a) Wind monitoring studies were undertaken at four locations in these districts. However, wind speeds were not found adequate for wind power generation.

(b) and (c) Wind farm projects are mainly set up as commercial projects, through private investments. There is no proposal with Government for establishing wind farms in this area.

#### **Harnessing Tidal Energy in Sunderban Delta**

840. SHRI PRASANTA CHATTERJEE : Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state :

(a) whether Government propose to harness the natural resources of tidal energy generation of power in the estuarine belt of Sunderban Delta, West Bengal;

(b) if so, the steps taken by Government so far for generation of power in the remote islands of Sunderban specially in the Durgaduani Creek, a project of which has been submitted to Government by the State Government of West Bengal; and

(c) if so, the details thereof ?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN) : (a) Yes, Sir.

(b) and (c) The Ministry, after carrying out a feasibility study, have got prepared a detailed project report through the West Bengal Renewable Energy Development Agency, Kolkata for a 3 MW capacity tidal power plant proposed to be set up at Durgaduani Creek in Sunderban area of West Bengal. The detailed project report has been reviewed by a Committee of Experts constituted by the Ministry and the proposal for this tidal power plant is being processed by the Ministry. Besides tidal power, solar photo-voltaic power plants of about 300 kWp capacity and two biomass gasifier power generating plants of capacity