

**GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:1691
ANSWERED ON:10.08.2011
SOLAR ENERGY FOR MOBILE TOWERS
Thakur Shri Anurag Singh

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the telephone operators including Bharat Sanchar Nigam Limited (BSNL) have shown their inability to install signal towers in hilly and remote areas due to lack of electricity facilities;
- (b) if so, the details thereof and the action taken by the Government in this regard;
- (c) whether the Government proposes to promote use of solar and other alternate source of energy to power the signal towers and also control pollution; and
- (d) if so, the details thereof and the progress made in this regard so far?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI MILIND DEORA)

- (a) No, Madam.
 - (b) Does not arise, in view of (a) above.
 - (c) Yes, Madam.
 - (d) Renewable energy system viz. Solar Photo Voltaic (SPV), Solar-Wind Turbine Generator (WTG) hybrid systems depending upon the technical feasibility are effective to provide stable power supply to telecom equipment at the off grid and rural sites.
- Twenty Pilot project for solar & solar – Wind hybrid system to power the mobile Base Terminal Station (Mobile towers) are being carried out to examine the reduction in Diesel Generator run time, diesel fuel savings, air pollution etc. and to bring about the savings in operational cost.