

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

UNSTARRED QUESTION NO:3053  
ANSWERED ON:19.08.2011  
LOW CARBON CAMPAIGN  
Jaiswal Dr. Sanjay ;Rai Shri Prem Das

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

- (a) whether certain Information Technology (IT) companies have started low carbon campaigns, including generation and supply of electricity from diverse renewable sources;
- (b) if so, the details thereof; and
- (c) the steps taken by the Government to provide regulatory, fiscal and institutional incentives to the IT companies for developing India – specific solutions for realizing full potential of renewable energy and enhancing energy security of the country?

**Answer**

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

(a)&(b): Yes Madam. Modern Information & Communication Technology (ICT) can facilitate efficient and low carbon development in every sector, including generation and supply of electricity from diverse sources - conventional or renewable. Considering the good market potential/ business prospects of ICT in providing solutions that bring about more efficiency in power generation and distribution through real time information, control & net-metering, the interest of the IT companies in this sector appears to be only natural.

(c): Realization of full potential of renewable energy is constrained mainly by limitations of resource characteristics/ technology/ cost rather than the use of IT. Also, the contribution of electricity generation from renewable sources in the total electricity mix in the country is less than 5%. As such, the existing regulatory measures and the general incentives already available to IT companies are considered sufficient at this juncture for development of IT solutions for specifically the renewable power sector.