

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

UNSTARRED QUESTION NO:2842

ANSWERED ON:26.11.2010

POWER GENERATION FROM RENEWABLE ENERGY SOURCES

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

(a) whether Decentralized Generation and Distribution (DDG) of electricity through renewal sources is likely to help in ensuring the universal access to electricity in a significant matter;

(b) if so, the details thereof;

(c) the percentage share of electricity likely to be generated through renewal energy sources in 2022 and 2032; and

(d) the specific steps taken and policies formulated by the Government to ensure that the potential of renewable energy is fully utilized to ensure universal access to electricity?

**Answer**

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

(a)&(b): Decentralised Generation and Distribution (DDG) of electricity through renewable energy sources can help in providing increased access to electricity in areas facing shortage of electricity. However, the extent of the same is region/ location specific and depends on several factors, particularly the available renewable resources potential and the cost of other competing energy supply options.

(c): It is envisaged that the contribution of electricity generated from renewable energy sources will reach around 6.4% by 2022. Contribution likely thereafter cannot be assessed at present as it will be critically dependent on the technological advancements in the entire energy sector at that stage.

(d) : The Government has taken several steps and measures to promote and harness renewable energy sources., which include the following:

# Fiscal and financial incentives, such as, capital/ interest subsidies, accelerated depreciation, nil/ concessional excise and customs duties;

# Directives under Electricity Act 2003 to all States for fixing a minimum percentage for purchase of electricity from renewable energy sources taking into account local factors

# Preferential tariff for grid interactive renewable power in most potential States

# Normative guidelines by CERC for fixation of such preferential tariffs.

# Generation Based Incentives Scheme for Wind Power to attract private investment by Independent Power Producers not availing Accelerated Depreciation benefit.

# Jawaharlal Nehru National Solar Mission initiated recently to give a boost to deployment of solar energy systems, solar photovoltaic as well as solar thermal.