

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

UNSTARRED QUESTION NO:3953
ANSWERED ON:03.12.2010
DECENTRALIZED RENEWABLE ENERGY PLANTS
Roy Shri Mahendra Kumar

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

- (a) the names of the States where decentralized renewable energy plants are successfully implemented;
- (b) the details of the States having potential to create renewable energy; and
- (c) the steps taken by the Government in this regard?

Answer

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

(a): 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 success is region/ location specific and depends on several factors, particularly the available renewable resources potential and the cost of other competing energy supply options. State-wise details of achievements under various decentralized renewable energy programmes are given in Annexure-I.

(b): Every State has some potential for harnessing some / all renewable energy sources. State-wise details of estimated potential of wind, small hydro, biomass and waste to energy are given in Annexure-II. The potential for solar energy is estimated for most parts of the country at around 20 MW per square kilometer of open, shadow free area covered with solar collectors.

(c): The Government is already promoting setting up of decentralized renewable energy plants by providing Central Financial Assistance / Subsidy, detail are given in Annexure-III.