

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

UNSTARRED QUESTION NO:1821  
ANSWERED ON:16.08.2013  
PROMOTION OF SOLAR APPLIANCES  
Das Shri Ram Sundar

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

- (a) the details of research and development works undertaken by the Government to bring qualitative improvements in street lights, Light Emitting Diode (LED) and other home appliances bring operated through solar energy;
- (b) whether any subsidy is being provided by the Government for promotion of such appliances;
- (c) if so, the details thereof;
- (d) whether the Government proposes to promote the use of solar appliances in the Medium and Small Enterprises in the country; and
- (e) if so, the details thereof?

**Answer**

MINISTER FOR NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a): The Ministry has supported research and development activities in solar photovoltaic systems resulting in an increase in their efficiency, reliability and life as well as a reduction in the cost of solar cells, modules and systems including solar lighting systems using various light sources such as CFLs, LEDs, etc. The LED luminaire in the lighting system has resulted in the use of lesser capacity of PV modules for solar lanterns, home lights and street lights.

(b): Yes, Madam.

(c): Under the Off-grid and Decentralized Solar Applications Scheme of the Jawaharlal Nehru National Solar Mission (JNNSM), the Ministry is providing central financial assistance (CFA) of 30% of the cost of installation of solar photovoltaic lanterns, home lights and street lights limited to Rs. 81 per Wp for CFL based systems and Rs. 135/- per Wp for LED based systems in General Category States. CFA of up to 90% of the project cost of solar street lights is available in Special Category States, UT Islands and districts with International Border for installation by Central and State Government Ministries, Departments and their organizations, State Nodal Agencies and local bodies. The Ministry is also providing 40% subsidy limited to Rs. 108/- per Wp for solar home lighting systems and small capacity PV systems through NABARD, commercial banks and regional rural banks.

(d)&(e): Yes Madam. The Off-grid and Decentralized Solar Applications Scheme under JNNSM is open to all categories of users including Medium and Small Enterprises. They are entitled to avail 30% subsidy of the project costs subject to the above mentioned limits.