

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

UNSTARRED QUESTION NO:4662
ANSWERED ON:21.02.2014
SOLAR POWER SYSTEMS IN GOVERNMENT BUILDINGS
Vijayan Shri A.K.S.

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

- (a) whether the Government proposes to install solar power systems in all the Government offices/buildings in the country;
- (b) if so, the details thereof along with the cost involved therein;
- (c) the details of solar power systems installed in the Government offices/ buildings, so far State/UT-wise;
- (d) whether the Government has made any assessment regarding the money likely to be saved by using solar systems in Government offices/buildings; and
- (e) if so, the details thereof?

Answer

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

(a)&(b): MNRE is promoting installation of solar systems in all buildings, depending on the feasibility, willingness of users and availability of funds. Under Off grid and Decentralized Solar Applications Scheme of Jawaharlal Nehru National Solar Mission (JNNSM), the Ministry provides Central Financial Assistance of 30% of the cost of solar systems for installing Solar PV and Thermal Systems at Educational Institutions, Hospitals, Police stations, Panchayats, Jails, Govt. Guest Houses, Community buildings, Anganwadis, Orphanage and other buildings for social and community use, etc. For special categories states viz. NE, Sikkim, J&K, Himachal Pradesh and Uttarakhand, remote and difficult areas such as Lakshadweep, Andaman & Nicobar Islands, and districts on India's international borders the CFA is limited to 60% of the cost of the water heating systems and 90% of the benchmark cost for SPV power projects accessed by only State Nodal Agencies(SNAs) / Solar Energy Corporation of India (SECI) . The benchmark cost set by the Ministry ranges from Rs 100 /Wp to Rs 450/Wp depending upon the size of the SPV system and Rs.8500 to Rs 11000 per sq. meter of the collector area based on the type of the collectors.

(c): A total of 10,847 numbers of standalone and decentralized solar PV power plants aggregating to 22.85 MWp capacities have been installed on Central and State Government Buildings in the country till 31st December, 2013.

(d)&(e): No Madam, while no assessment has been made, however in Government offices/ buildings located in rural areas, where electricity is not available continuously and diesel generators have to be used, solar systems can save substantial amount of diesel.