

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

UNSTARRED QUESTION NO:1077

ANSWERED ON:05.08.2011

USE OF NEW AND RENEWABLE ENERGY SOURCES

Rajendran Shri C.

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

- (a) whether certain Government Departments and Public Sector Units (PSUs) are using New and Renewable Energy sources as on now;
- (b) if so, the details thereof, department-wise and PSU-wise; and
- (c) the steps taken by the Government for improvement in its usage by the different agencies?

**Answer**

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

(a): Yes Madam. Renewable energy systems - mainly Solar water heating and Solar photovoltaic - are being used by many Government Departments and Public Sector Units as of now.

(b): The Ministry is encouraging installation of Renewable Energy systems in Government Departments and PSU units under its various programmes. A list of such systems supported in recent past is given in Annexure.

(c): The following main steps have been taken to further encourage usage of renewable energy by different Government agencies:

- Meetings have been held with different Ministries and Organizations viz Railways, Food Processing, Tourism, Chemical & Fertilizers, Hospitals and Banks, in which the merits and requirements for installation of these systems have been explained.

- Provision for extending central financial assistance for installation of renewable energy systems in Government and PSU establishments has been made under different programmes.

- A model regulation/ bye-laws for installation for installation of solar assisted water heating systems in functional buildings has been circulated to all States/ UTs with a view to make installation of these systems mandatory in certain categories of buildings.

- The Government has also taken a decision to construct all its new buildings based on solar passive design and architecture which can help in conservation of conventional energy/ electricity.

Renewable Energy systems in Government Departments and PSU units

Sl. No.	Location	Systems
A.	Solar PV Power Plant Under SADP Programme	Solar Water heating System

1	Parliament House, New Delhi	80 kW	2000 LPD
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2	Raj Bhawan, Jammu	20 kW	2000 LPD
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3	Raj Bhawan, Srinagar	20 kW	2000 LPD
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4	Raj Bhawan, Punjab	45 kW	2000 LPD
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5	Raj Bhawan, Kolkatta	50 kW	4000 LPD
6	Raj Bhawan, Jaipur	35 kW	4500 LPD
7	Chhattisgarh Vidhan Sabha, Raipur, Chhattisgarh	20 KW	
8	Punjab State Lagislative Assembly	20 kW	2000 LPD
9	Punjab Civil Secretariat	12 kW	500 LPD
10	Collectorate, Raipur District, Chhatisgarh	4.5 kW	
11	Collectorate, Bilaspur District, Chhatisgarh	4.5 kW	
12	Collectorate, Narayanpur District, Chhatisgarh	4.5 kW	
13	Collectorate, Rajnandgaon District, Chhatisgarh	4.5 kW	
14	Collectorate, Surguja District, Chhatisgarh	4.5 kW	
B. Under National Solar Mission - SPV Programme			
15	Ministry of New and Renewable Energy, New Delhi	22.5 kW	
16	NHPC Khandwa, Madhya Pradesh		20 kW
17	Office of SEZ, Vishakhapattnam		10 kW
18	Office of SEZ, Noida		100 kW
19	Airports Authority of India, Jaisalmer		100 kW
C. Under National Solar Mission - Solar Thermal Programme			
20	Govt. Medical College, Srinagar		50000 LPD
21	Govt. Medical College, Jammu		50000 LPD
22	Sher-e -Kashmir Institute of Medical Sciences, Srinagar		25000 LPD

23 Institute of Hotel Management, Srinagar	10000 LPD
24 JK Tourism, Srinagar	81000 LPD
25 Western Railways, Sholapur	6000 LPD
26 Kolhapur Zila Parishad, Maharashtra	13200 LPD
27 Central Agricultural University, Aizwal	7100 LPD