

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA

UNSTARRED QUESTION NO. 2942

TO BE ANSWERED ON 12.12.2016

ESTABLISHMENT OF NEW SOLAR PLANTS

2942. SHRI MD. NADIMUL HAQUE:

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

- (a) whether as the nation is heading towards green energy, solar power generation would play a major role in it;
- (b) whether Government is making efforts for establishment of new solar plants and if so, the amount and percentage of funds allocated especially for maintenance purposes of solar plants during the last three years; and
- (c) what steps are taken by Government to ensure proper maintenance of both the private and the Government solar plants?

ANSWER

MINISTER OF STATE FOR POWER, COAL , NEW & RENEWABLE ENERGY & MINES
(SHRI PIYUSH GOYAL)

(a): Yes, Sir. There was historic increase of installation of 3019 MW of solar power in 2015-16. Government has set a target of 100 GW installations of solar power by year 2022.

(b) & (c): Yes, Sir. Government has launched several schemes for establishment of solar power plants. Details of funds released under solar programmes during the last three years are given below:-

| Year | Funds Released (Rs. in Crores) |
|---------|-----------------------------------|
| 2013-14 | 692.28 |
| 2014-15 | 1158.19 |
| 2015-16 | 3146.24 |

Cost on Operation and Maintenance (O&M) of solar plants is meagre as there is no moving parts and no fuel cost. O&M is normally an integral part of project award.

In some power purchase agreements between the solar project developers and DISCOMs, there is a provision for minimum generation failing which the solar project developer is liable to pay compensation. This provision ensures proper maintenance of solar plants.
