

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**RAJYA SABHA**  
**STARRED QUESTION NO. 284**  
TO BE ANSWERED ON 12.12.2016

**EFFICIENT SOLAR PANELS**

\*284. SHRIMATI VANDANA CHAVAN:

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

- (a) the quantum of solar power Government plans to generate through decentralized rooftop projects, utility scale solar plants and ultra mega solar plants by 2022;
- (b) whether Government is introducing solar panels with efficiency greater than the normal 24 per cent and if so, the details thereof; and
- (c) the measures that would be taken by Government to reduce the lowering of efficiency of solar panels that could occur due to accumulation of dust of them?

**ANSWER**

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

(a) to (c): A Statement is laid on the Table of the House.

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## Statement

Statement referred to in reply to Parts (a) to (c) of Lok Sabha Starred Question No. 284 for Answer on 12.12.2016

**(a):** Govt. has planned to install 1,00,000 MW solar power by 2022, which include rooftop projects and utility scale ground mounted projects.

**(b):** Under the programme, developers are free to select the technology and efficiency of the solar panels, as long as the same complies to the technical specifications, prescribed under the guidelines.

**(c):** The solar power projects are also being installed by solar power developers on Build, Own and Operate (BOO) basis. The responsibility of the operation and maintenance of the solar modules/panels is the responsibility of the developer. The decrease in efficiency of solar panels can be controlled through regular cleaning of the modules.

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