

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:2348

ANSWERED ON:16.03.2017

Power Generation Capacity

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Will the Minister of POWER be pleased to state:

(a) the present status of installed capacity of power generation and the actual power generation including central sector from all sources in the country as on date, State-wise;

(b) the power generation capacity required in the country at present and the extent to which the country's power generation capacity is able to meet the requirements along with the measures being taken by the Government to bridge the gap; and

(c) the estimated demand for electricity in the country in the next 10 years and the efforts being made by the Government to fulfil it?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) : The state-wise installed capacity of power generation and the actual power generation including central sector from all sources in the country for the year 2016-17 (upto February, 2017) is given at Annex-I.

(b) : Sufficient Power Generation Capacity is available in the country to meet the requirement of electricity. To meet the projected demand of power as per 18th Electric Power Survey (EPS), a capacity addition of about 94,681 MW as against the target of 88,537 MW from the conventional sources have been achieved, till 28th February, 2017 and about 22,736 MW as against the target of 30,000 MW from renewable sources have been achieved, till 31st January, 2017.

(c) : As per 19th EPS Report brought out by Central Electricity Authority, the projected electrical energy requirement and peak electricity demand on all-India basis in the year 2026-27 is given at Annex-II.

To meet the electricity demand in the coming years, the following steps have been taken/are being taken by the Government:

(i) Generation capacity addition has been planned to meet the rising demand of electricity in the country. The National Electricity Plan, 2012, has projected a generation capacity addition requirement of 86,400 MW from conventional sources during the period 2017-22 to meet the projected demand of electricity for the year 2021-22.

(ii) Thrust is being given to electricity generation from renewable energy sources. Government has set a target of 175,000 MW of Renewable Energy by the year 2022.

(iii) Renovation, modernization and life extension of old, inefficient generating units is being carried out to improve efficiency and better availability of generating units.
