

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-564

TO BE ANSWERED ON-13.12.2018

ENERGY SOURCES

564. SHRI KONAKALLA NARAYANA RAO

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

- (a) whether the Government has taken note of the increase in the power generation from new and renewable energy sources like Solar energy in the country, if so, the details thereof;
- (b) the steps being taken by the Government in increasing the Solar Energy in the country; and
- (c) whether any Solar Energy projects are being taken up in the State of Andhra Pradesh, if so, the details thereof, district-wise?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

(a) The Government has taken note of increase in power generation from new and renewable energy sources including solar energy in the country. The details of renewable energy capacity generated including solar energy from the year 2014-15 to year 2018-19 (as on 31.10.2018) are given at **Annexure-I**.

(b) The Government has taken various steps to increase generation of solar energy in the country. These inter-alia, include the following:

- (i) Announcement of a target of installing 100 GW of solar energy capacity by March, 2022;
- (ii) Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2021-22;
- (iii) Fiscal & financial incentives such as Capital Subsidy, Viability gap funding (VGF), accelerated depreciation benefits etc;
- (iv) Permitting 100% Foreign Direct Investment (FDI) under the automatic route in renewable energy sector;
- (v) Issued guidelines for procurement of solar and wind power through tariff based competitive bidding process;
- (vi) Waiving of Inter State Transmission System Charges and losses for inter-state sale of solar and wind power for projects to be commissioned up to March, 2022;
- (vii) Raising funds from bilateral and multilateral finance and development institutions;
- (viii) Implementation of Green Energy Corridor project to facilitate integration of large scale renewable generation capacity addition.

(c) The Government of Andhra Pradesh has reported commissioning of 2590.78 MW capacity of solar power projects in the State. Further, solar power projects of 2150 MW capacity have been reported at various stages of implementation. The district-wise details of solar energy projects taken up in the state of Andhra Pradesh are given at **Annexure-II**.

ANNEXURE-I**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
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Source	2014-15	2015-16	2016-17	2017-18	2018-19 (As on 31.10.2018)
Total Renewable Energy generated (MU)	61719.25	65780.85	81548.21	101839.48	63146.62
Solar Energy (MU)	4599.02	7447.92	13499.41	25871.07	12997.45

ANNEXURE-II**ANNEXURE-II REFERRED TO IN REPLY TO PART (c) OF LOK SABHA
UNSTARRED QUESTION NO. 564 FOR 13.12.2018****DISTRICT-WISE DETAILS OF SOLAR ENERGY PROJECTS TAKEN UP IN THE
STATE OF ANDHRA PRADESH**

S. No.	District	Solar power projects commissioned (in MW)	Solar power projects at various stages of implementation (in MW)
1.	Srikakulam	31.00	0.00
2.	Vizianagarm	17.65	0.00
3.	Vishakhapatnam	9.25	0.00
4.	East Godavari	5.00	0.00
5.	West Godavari	11.93	0.00
6.	Krishna	4.15	0.00
7.	Guntur	7.00	0.00
8.	Prakasam	22.00	000
9.	Nellore	40.70	000
10.	Chittoor	155.90	0.00
11.	Kadapa	469.00	1000.00
12.	Kurnool	1176.00	0.00
13.	Ananthapuramu	641.20	1150.00
	Total	2590.78	2150.00