

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2040
TO BE ANSWERED ON 28.07.2016
Production of Wind Energy

2040. **SHRI RAYAPATI SAMBASIVA RAO:**

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

- (a) the details of schemes that are aimed at improving the production of wind energy in the country;
- (b) the details of projects being funded by the Indian Renewable Energy Development Agency (IREDA) during the last three years and the current year;
- (c) the details of schemes introduced or being implemented during the said period to improve the solar energy resources in the country;
- (d) whether the Government proposes to further improve the solar energy resources keeping in mind the growing energy needs; and
- (e) if so, the details thereof?

ANSWER

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

(a): To improve wind power production in the country Government provides various fiscal and financial incentives including Accelerated Depreciation (AD), concessional Custom, Excise and Special Additional Duties, 100% Foreign Direct Investment through automatic route, etc. The wind power projects which do not avail the benefit of AD and not covered under third party sale of wind power generated, are eligible for Generation Based Incentives (GBI) of Re. 0.50 per Unit of energy fed in to the grid with a cap of Rs. 1.00 crore per MW for a period not less than 4 years and a maximum period of 10 years.

(b): The details of projects being funded by Indian Renewable Energy Development Agency (IREDA) during the last three years is given at Annexure.

(c): The details of schemes introduced by Government in promoting solar power development in various parts of the country are as follows:

- (a) Scheme for Development of Solar Parks and Ultra Mega Solar Power Projects.
- (b) Scheme for Development of Solar PV Power Plants on Canal Banks/ Canal Tops.
- (c) Scheme for setting up 300 MW of Grid connected Solar PV Power Projects by Defence Establishments under Ministry of Defence and Para Military Forces with Viability Gap Funding (VGF) under Batch-IV of Phase-II/III of JNNSM(Jawaharlal Nehru National Mission).
- (d) Scheme of setting up 1000 MW of Grid- Connected Solar PV Power Projects by CPSUs with Viability Gap Funding under Batch-V of Phase-II of JNNSM.
- (e) Scheme for Setting up of 15000 MW of Grid connected Solar PV Power Projects under Batch II of Phase II of National Solar Mission (by NTPC/NVVN).
- (f) Setting up of 2000 MW Grid connected solar power with VGF through Solar Energy Corporation of India (SECI).

(d)&(e): Keeping in view of the growing needs of energy, Ministry of New & Renewable Energy (MNRE) has upscaled the target of Grid -Connected Solar Power Projects from 20,000 MW to 1,00,000 MW by 2022 under National Solar Mission (NSM) that includes 40,000 MW of roof-top, and 60,000 MW from large scale ground mounted solar power projects.

Annexure

**Statement referred to in reply to part (b) of Lok Sabha Unstarred Question No. 2040 for
28/07/2016 regarding ' Production of Wind Energy'**

**Details of projects being funded by Indian Renewable Energy Development Agency during last three
years and current year**

(Rs in Lakhs)									
S No.	Sector	2013-14		2014-15		2015-16		2016-17 (upto 30th June, 16)	
		No of Proje cts	Amount Sanctioned	No of Projects	Amount Sanctioned	No of Projects	Amount Sanctioned	No of Projects	Amount Sanctioned
1	CO-GENERATION	5	40216.98	5	18990.67	5	30213.00	0	0.00
2	HYDRO	10	72451.55	15	46126.00	12	39592.00	5	21210.00
3	NCEF	2	9390.00	0	0.00	3	1690.58	0	0.00
4	SOLAR GRID	11	79351.2	21	125076.53	29	244475.55	8	95685.20
5	WASTE TO ENERGY	1	300.00	1	118.00	3	1367.00	0	0.00
6	WIND	15	180129.50	19	255676.00	17	273851.00	6	114260.00
7	BIOMASS	0	0.00	0	0.00	1	850.00	0	0.00
8	ENERGY EFFICIENCY AND CONSERVATION	0	0.00	0	0.00	0	0.00	1	29500.00
9	LINE OF CREDIT	0	0.00	0	0.00	1	50000.00	0	0.00
10	MANUFACTURING	0	0.00	0	0.00	2	21284.00	0	0.00
11	SOLAR ROOF TOP	0	0.00	0	0.00	0	0.00	1	4495.07
12	Others *	0	0.00	28	2891.49	35	117322.57	15	22151.57
	Total	44	381839.23	89	448878.69	108	780645.70	36	287301.84
*Bridge Loan SWCS/ WG/ Solar off Grid/ STL/ Bill Discounting.									