

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 238
TO BE ANSWERED ON 25.02.2016
PRODUCTION OF WIND ENERGY

238. SHRI P. KUMAR

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

- (a) the details of the schemes of the Government to encourage wind power generation in the country;
- (b) the details of the total production of wind energy in the country vis-à-vis total power production from other sources of renewable energy, State/ UT-wise;
- (c) whether the Government proposes to establish more wind mills in the coastal states of the country, including Tamil Nadu to augment wind power;
- (d) if so, the details thereof and if not, the reasons therefor; and
- (e) the measures taken by the Government to augment wind power in the country including technological advancements made in this direction?

ANSWER

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

(a): To encourage wind power generation 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 Rs. 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 production from wind energy vis-à-vis production from other sources of renewable energy, State/ UT-wise for the year 2014-15 is given at Annexure-I.

(c)&(d): The Government has set a target of reaching 60 GW of wind power installed capacity in the country by 2022. Most of this capacity is likely to be installed in the coastal States including Tamil Nadu, being rich in wind power resources.

(e): The measures taken to augment the wind power in the country include a) restoration of GBI and AD for Wind power projects; b) implementation of Green Energy Corridors project for strengthening of transmission infrastructure to facilitate evacuation of renewable power including wind power from these resource rich States; c) the Tariff Policy has been amended to include provisions for free interstate transmission of wind power; d) wind turbines of capacity up to 3 MW, rotor diameter up to 114 meter and hub-height up to 141 meter are being manufactured in the country; and e) forecasting and scheduling of wind power by National Institute of Wind Energy in the State of Tamil Nadu.

Annexure-I referred to in reply to part (b) of the Lok Sabha Unstarred Question No. 238 by Shri P. Kumar regarding 'Production of Wind Energy' for reply on 25/02/2016.

Production from wind energy vis-à-vis production from other sources of renewable energy, State/ UT-wise for the year 2014-15 (in MU)

Sl.No.	State/UT/Organisation	Wind	Other Sources of Renewable Energy	Total
	Northern Region			
1	Chandigarh	0.00	2.23	2.23
2	Delhi	0.00	116.63	116.63
3	Haryana	0.00	470.69	470.69
4	HP	0.00	1685.08	1685.08
5	J & K	0.00	313.23	313.23
6	Punjab	0.00	1159.29	1159.29
7	Rajasthan	4053.85	1542.72	5596.57
8	Uttar Pradesh	0.00	3140.70	3140.70
9	Uttarakhand	0.00	664.38	664.38
10	NTPC Dadri+FBD+Unchahar	0.00	22.90	22.90
11	Oil India Ltd	117.78	9.14	126.93
	Sub Total (Northern Region)	4171.63	9126.99	13298.62
	Western Region			
1	Chhattisgarh	0.00	1066.29	1066.29
2	Goa/NTPC Rajgarh	0.00	62.94	62.94
3	Gujarat	5660.09	1562.18	7222.27
4	Madhya Pradesh	592.25	835.26	1427.51
5	Maharashtra	6804.80	3479.13	10283.93
6	Dadra and Nagar Haveli	0.00	0.03	0.03
7	Daman & Diu	0.00	0.15	0.15
	Sub Total (Western Region)	13057.14	7005.98	20063.12
	Southern Region			
1	Andhra Pradesh	1675.82	1035.24	2711.06
2	Telangana	0.00	802.86	802.86
3	Karnataka	4658.10	5036.80	9694.90
4	Kerala	58.40	571.24	629.64
5	Puducherry/NTPS Rama	0.00	15.62	15.62
6	Tamil Nadu	10147.06	1755.33	11902.39
7	Lakshadweep	0.00	46.09	46.09
	Sub Total (Southern Region)	16539.38	9263.17	25802.55
	Eastern Region			
1	Andaman Nicobar	0.00	0.47	0.47
2	Bihar	0.00	209.13	209.13
3	Jharkhand	0.00	8.32	8.32
4	Orissa	0.00	329.82	329.82
5	Sikkim	0.00	20.88	20.88
6	West Bengal	0.16	1553.47	1553.63
7	DVC	0.00	146.86	146.86
8	NTPC Andman+Talchar	0.00	18.79	18.79
	Sub Total (Eastern Region)	0.16	2287.74	2287.90
	North Eastern Region			
1	Arunachal Pradesh	0.00	51.94	51.94
2	Assam	0.00	64.52	64.52
3	Manipur	0.00	0.00	0.00
4	Meghalaya	0.00	66.94	66.94
5	Mizoram	0.00	34.86	34.86
6	Nagaland	0.00	84.14	84.14
7	Tripura	0.00	29.37	29.37
8	NEEPCO	0.00	0.98	0.98
	Sub Total (North Eastern Region)	0.00	332.75	332.75
	Grand Total	33768.30	28016.63	61784.93

Source; CEA (all figures tentative)

