

Installed capacity of energy from renewable sources

2413. PROF. M.V. RAJEEV GOWDA: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the details of installed capacity based on renewable sources, State-wise;
- (b) whether the Eastern Zone (Jharkhand, West Bengal and Odisha) States have very small share of renewable energy in their energy production mix; if so, the plans to increase the use, of renewable sources to generate electricity in these areas; and
- (c) whether there are plans to use the greater portion of coal cess credited to those States to invest in producing clean energy?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI PIYUSH GOYAL): (a) and (b) The State-wise details of installed capacity for power generation through renewable energy sources in the country is given in Statement (*See below*) which include around 20 MW in Jharkhand, 132 MW in West Bengal and 116 MW in Odisha. The installation of renewable energy projects in a particular state depends upon availability of resources and State policies.

Further, to increase the use of renewable energy in the country including Eastern Zone States, the Ministry of New and Renewable Energy is providing various fiscal and financial incentives, such as capital/interest subsidy, generation based incentives, accelerated depreciation, concessional excise and customs duties. The other steps to promote renewable energy include: setting up of demonstration projects, preferential tariff for purchase of power generated from renewable sources, resource assessment, development of power evacuation and testing facilities, introduction of Renewable Energy Certificates and Renewable Purchase Obligation, etc. Wide publicity and awareness raising on the benefits of renewable energy systems have also been taken up in Hindi, English and regional languages using print, electronic and outdoor media.

(c) The National Clean Energy Fund (NCEF) that is created from the proceeds of coal cess provides funds to Research and Development (R&D) Projects in clean energy technologies. Any project/scheme relating to innovative methods to adopt to clean energy technology and R&D shall be eligible for funding under NCEF. All states including Eastern Zone States are eligible for submitting the proposal for funding from NCEF.

Statement

*State-wise installed capacity for power generation from
renewable energy sources as on 31.10.2014.*

(in Megawatts)							
Sl. No.	States/UTs	Small Hydro Power	Wind Power	Bio-Power		Solar Power	Total Capacity
				Biomass Cogene ration	Waste to Energy		
1	2	3	4	5	6	7	8
1.	Andhra Pradesh	221.03	894.15	380.75	50.66	234.86	1781.45
2.	Arunachal Pradesh	103.91	-	-	-	0.03	103.93
3.	Assam	34.11	-	-	-	0.00	34.11
4.	Bihar	70.70	-	43.42	-	0.00	114.12
5.	Chhattisgarh	52.00	-	264.90	-	7.60	324.50
6.	Goa	0.05	-	-	-	0.00	0.05
7.	Gujarat	16.60	3551.33	43.90	-	919.05	4530.88
8.	Haryana	70.10	-	61.30	-	12.80	144.20
9.	Himachal Pradesh	662.91	-	-	-	0.00	662.91
10.	Jammu and Kashmir	147.53	-	-	-	0.00	147.53
11.	Jharkhand	4.05	-	-	-	16.00	20.05
12.	Karnataka	1086.91	2544.65	623.28	1.00	57.00	4312.84
13.	Kerala	168.92	35.10	-	-	0.03	204.05
14.	Madhya Pradesh	86.16	534.40	26.00	3.90	353.58	1004.04
15.	Maharashtra	335.43	4223.65	1,001.40	12.72	286.90	5860.10
16.	Manipur	5.45	-	-	-	0.00	5.45
17.	Meghalaya	31.03	-	-	-	0.00	31.03
18.	Mizoram	36.47	-	-	-	0.00	36.47

1	2	3	4	5	6	7	8
19.	Nagaland	29.67	-	-	-	0.00	29.67
20.	Odisha	64.63	-	20.00	-	31.50	116.13
21.	Punjab	157.40	-	140.50	9.25	55.77	362.92
22.	Rajasthan	23.85	2996.65	109.30	-	735.50	3865.30
23.	Sikkim	52.11	-		-	0.00	52.11
24.	Tamil Nadu	123.05	7383.70	571.30	8.05	104.20	8190.30
25.	Telangana	-	-	-	-	-	-
26.	Tripura	16.01	-	-	-	0.00	16.01
27.	Uttar Pradesh	25.10	-	776.50	5.00	29.51	836.11
28.	Uttarakhand	209.32	-	30.00	-	5.00	244.32
29.	West Bengal	98.40	-	26.00	-	7.21	131.61
30.	Andaman and Nicobar	5.25	-	-	-	5.10	10.35
31.	Chandigarh	-	-	-	-	2.00	2.00
32.	Dadra and Nagar Haveli	-	-	-	-	0.00	0.00
33.	Daman and Diu	-	-	-	-	0.00	0.00
34.	Delhi	-	-	-	16.00	5.47	21.47
35.	Lakshwadeep	-	-	-	-	0.75	0.75
36.	Puducherry	-	-	-	-	0.03	0.03
37.	Others	-	4.30	-	-	0.79	5.09
TOTAL (MW)		3938.13	22167.93	4118.55	106.58	2870.66	33201.85

Renewable energy capacity in rural areas

2414. SHRI HUSAIN DALWAI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government proposes to augment renewable energy capacity in the rural areas where it is having large social impact;

(b) if so, the details thereof;