

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-1745
ANSWERED ON-11.02.2021

POWER GENERATED FROM RENEWABLE ENERGY SOURCES

1745.SHRI L.S. TEJASVI SURYA

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

- (a) the total power generated from renewable energy sources, State-wise;
- (b) the percentage of power generated from renewable energy sources compared to non-renewable energy sources across the country;
- (c) whether there is any proposal to provide incentives to large industries and Government units to utilize renewable energy to meet energy sources requirements; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

- (a) The details of state-wise and source-wise power generation from various renewable energy sources (excluding large hydro) during the year 2020-21 (upto Dec,2020) are given in **Annexure**.
- (b) A total of 111917.72 Million Units of power have been generated from various renewable energy sources (excluding large hydro) during the year 2020-21(upto Dec'2020) which around 11% in the total power generated from all sources.
- (c)&(d) Under MNRE's Central Public Sector Undertaking (CPSU) Scheme Phase-II (Government Producer Scheme), Government Producers can bid for setting up solar PV power projects using domestically manufactured solar PV cells and modules and avail Viability Gap Funding (VGF) upto a maximum of Rs. 70 lakhs/MW. Any Government Producer who sets up solar PV power project(s) under this Scheme, is eligible for Viability Gap Funding (VGF) as mentioned above, if the Government Producer has set up these solar PV power project(s) for captive-use or use by Government/ Government entities, either directly or through Distribution Companies (DISCOMS).

Annexure**Annexure referred to Part- (a) of Lok Sabha Unstarred Question No. 1745 for 11/02/2021 regarding "Power Generated from Renewable Energy Sources"****All India RE Generation Year 2020-21 (Apr-20 -Dec-2020)**

(All fig. in MU)

Name of State/UT	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Total
Chandigarh	0.00	6.57	0.00	0.00	0.00	0.00	6.57
Delhi	0.00	150.88	0.00	0.00	0.00	179.02	329.90
Haryana	0.00	65.71	132.94	78.72	252.38	0.00	529.75
HP	0.00	27.76	0.00	0.00	1953.80	0.00	1981.56
J & K	0.00	5.37	0.00	0.00	367.91	0.00	373.28
Ladkh	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Punjab	0.00	1050.93	436.98	92.22	597.76	0.08	2177.96
Rajasthan	4606.50	7728.53	311.74	0.00	5.52	0.00	12652.29
Uttar Pradesh	0.00	1250.53	92.45	1936.70	108.38	0.00	3388.06
Uttarakhand	0.00	263.28	0.00	29.23	734.84	0.00	1027.35
Chhattisgarh	0.00	267.81	733.99	8.52	121.64	0.00	1131.96
Gujarat	10099.92	3207.52	43.14	11.30	154.12	10.61	13526.60
Madhya Pradesh	3115.38	3074.14	0.32	25.74	223.26	26.64	6465.47
Maharashtra	5560.05	1849.72	248.56	1725.89	587.50	0.05	9971.78
Dadra and Nagar Haveli	0.00	3.99	0.00	0.00	0.00	0.00	3.99
Daman & Diu	0.00	19.32	7.24	0.00	0.00	0.00	26.55
Goa	0.00	1.06	0.00	0.00	0.00	0.00	1.06
Andhra Pradesh	5389.21	4835.82	100.13	34.55	230.24	36.36	10626.31
Telangana	174.81	4586.03	122.80	23.83	47.66	49.38	5004.51
Karnataka	7949.53	9771.25	159.26	1475.17	1961.17	0.00	21316.37
Kerala	110.78	194.24	0.00	34.54	553.31	0.01	892.87
Tamil Nadu	13175.79	4436.47	109.12	333.77	183.27	0.00	18238.43
Lakshadweep	0.00	0.36	0.00	0.00	0.00	0.00	0.36
Puducherry	0.00	3.33	0.00	0.00	0.00	0.00	3.33
Andaman Nicobar	0.00	17.99	0.00	0.00	12.65	0.00	30.63
Bihar	0.00	125.98	14.88	1.48	43.20	0.00	185.54
Jharkhand	0.00	12.36	0.00	0.00	8.18	0.00	20.54
Orissa	0.00	326.04	24.10	0.00	318.19	0.00	668.33
Sikkim	0.00	0.00	0.00	0.00	44.12	0.00	44.12
West Bengal	0.00	47.80	0.00	148.73	97.79	819.25	1113.57
Arunachal Pradesh	0.00	1.13	0.00	0.00	0.41	0.00	1.53
Assam	0.00	4.18	0.00	0.00	27.67	0.00	31.85
Manipur	0.00	5.86	0.00	0.00	0.00	0.00	5.86
Meghalaya	0.00	0.00	0.00	0.00	41.26	0.00	41.26
Mizoram	0.00	0.36	0.00	0.00	30.40	0.00	30.76
Nagaland	1.00	0.00	0.00	0.00	56.89	0.00	57.89
Tripura	0.00	4.50	0.00	0.00	5.02	0.00	9.52
All India Total	50182.97	43346.79	2537.65	5960.38	8768.55	1121.39	111917.72