

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1438
ANSWERED ON 01.08.2023

**DISTRIBUTION OF ENERGY THROUGH DIFFERENT SOURCES OF ENERGY
IN THE COUNTRY**

1438 #SHRI RAJENDRA GEHLOT:

Will the Minister of **POWER** be pleased to state:

- (a) the total distribution of energy from different sources in the country, State-wise;
- (b) the details of the regions having the least share in the production and use of renewable sources of energy in the country; and
- (c) the quantum of amount received through the export of both renewable and non-renewable energy during each of the last three years?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The State-wise details of electricity generation through various sources of energy in the country during the last year i.e. 2022-23 and the current year 2023-24 (upto May, 2023) are **given at Annexure-I.**

(b) : North-East Region has least share in production and usage of renewable sources of Energy in the country. The details of region-wise and State-wise electricity production from renewable sources during the last year i.e. 2022-23 and the current year 2023-24 (upto May, 2023) are **given at Annexure-II.**

(c) : The details of quantum of energy Imported/Exported by India from various neighbouring countries are given at **Annexure-III.**

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION
NO. 1438 ANSWERED IN THE RAJYA SABHA ON 01.08.2023

The State-wise details of electricity generation through various sources of energy in the country during the last year i.e. 2022-23 and the current year 2023-24 (upto May, 2023)

(in GWh)

States	2022-23					2023-24 (Apr to May)				
	THERMAL	NUCLEAR	HYDRO	RENEW -ABLE	TOTAL	THERMAL	NUCLEA R	HYDRO	RENEW -ABLE	TOTAL
Chandigarh	0.00	0.00	0.00	12.61	12.61	0.00	0.00	0.00	2.95	2.95
DELHI	3784.30	0.00	0.00	530.20	4314.50	370.67	0.00	0.00	110.26	480.93
HARYANA	32139.27	0.00	0.00	1419.73	33559.00	4380.57	0.00	0.00	237.04	4617.61
HIMACHAL PRADESH	0.00	0.00	38666.98	2912.95	41579.93	0.00	0.00	4830.43	483.87	5314.30
JAMMU AND KASHMIR	0.00	0.00	16777.42	393.20	17170.62	0.00	0.00	3531.31	100.98	3632.29
LADAKH	0.00	0.00	402.78	0.00	402.78	0.00	0.00	35.77	0.00	35.77
PUNJAB	31506.16	0.00	4399.65	4169.59	40075.40	5411.41	0.00	537.09	928.25	6876.75
RAJASTHAN	57418.72	6587.27	967.43	40990.05	105963.47	9700.09	1216.56	6.24	8514.47	19437.36
UTTAR PRADESH	152063.22	3192.62	974.04	7217.18	163447.06	25347.83	586.04	53.94	1382.51	27370.32
UTTARAKHAND	0.00	0.00	15435.77	933.72	16369.49	199.76	0.00	1664.47	155.62	2019.85
CHHATTISGARH	142599.20	0.00	237.37	2003.05	144839.62	28152.59	0.00	34.03	389.64	28576.26
GOA	0.00	0.00	0.00	19.96	19.96	0.00	0.00	0.00	8.93	8.93
GUJARAT	55481.62	3639.91	6133.14	29762.63	95017.30	12803.29	636.84	266.76	7739.67	21446.56
MADHYA PRADESH	135838.47	0.00	7309.07	8872.72	152020.26	24228.53	0.00	382.69	1730.73	26341.95
MAHARASHTRA	126907.03	8985.48	5894.29	17206.59	158993.39	23695.17	1077.21	1481.01	2583.53	28836.92
ANDHRA PRADESH	61541.93	0.00	3747.58	16411.91	81701.42	12359.14	0.00	242.88	2546.52	15148.54
KARNATAKA	35014.30	7443.24	13157.34	29575.44	85190.32	7612.26	1251.78	2004.77	4515.86	15384.67
KERALA	0.12	0.00	7989.00	1946.26	9935.38	0.00	0.00	1243.44	312.15	1555.59
PUDUCHERRY	233.07	0.00	0.00	12.24	245.31	40.75	0.00	0.00	2.04	42.79
TAMIL NADU	67083.23	16012.57	5965.77	27626.45	116688.02	13321.76	2239.93	477.38	3578.07	19617.14
TELANGANA	50738.20	0.00	6010.07	7429.89	64178.16	9494.59	0.00	106.60	1373.82	10975.01
LAKSHDWEEP	15.02	0.00	0.00	0.10	15.12	11.66	0.00	0.00	0.02	11.68
ANDAMAN NICOBAR	214.57	0.00	0.00	37.88	252.45	61.01	0.00	0.00	5.79	66.80
BIHAR	55200.21	0.00	0.00	288.85	55489.06	9832.35	0.00	0.00	56.53	9888.88
JHARKHAND	30472.78	0.00	305.47	19.70	30797.95	5821.13	0.00	14.59	2.94	5838.66
WEST BENGAL	87612.45	0.00	3423.73	1959.12	92995.30	15891.14	0.00	415.98	326.63	16633.75
ODISHA	64874.24	0.00	5462.81	1192.10	71529.15	11684.39	0.00	770.41	195.86	12650.66
SIKKIM	0.00	0.00	11696.79	12.35	11709.14	0.00	0.00	1461.52	2.06	1463.58
ARUNACHAL PRADESH	0.00	0.00	4820.94	24.85	4845.79	0.00	0.00	483.41	0.52	483.93
ASSAM	8393.08	0.00	481.60	279.01	9153.69	1473.21	0.00	29.95	60.32	1563.48
MANIPUR	0.00	0.00	477.98	8.79	486.77	0.00	0.00	12.71	2.57	15.28
MEGHALAYA	0.00	0.00	980.25	72.16	1052.41	0.00	0.00	84.66	8.66	93.32
MIZORAM	0.00	0.00	204.13	62.27	266.40	0.00	0.00	12.47	16.52	28.99
NAGALAND	0.00	0.00	177.37	111.95	289.32	0.00	0.00	3.14	7.06	10.20
TRIPURA	7079.48	0.00	0.00	6.58	7086.06	1195.46	0.00	0.00	1.08	1196.54
Dadra and Nagar Haveli and Daman and Diu	0.00	0.00	0.00	30.62	30.62	0.00	0.00	0.00	5.09	5.09
BHUTAN IMPORT	0.00	0.00	6742.40	0.00	6742.40	0.00	0.00	190.00	0.00	190.00
Grand Total	1206210.67	45861.09	168841.1	203552.6	1624465.6	223088.76	7008.36	20377.65	37388.56	287863.3
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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION
NO. 1438 ANSWERED IN THE RAJYA SABHA ON 01.08.2023

The details of region-wise and State-wise electricity production from renewable sources during the last year i.e. 2022-23 and the current year 2023-24 (upto May, 2023)

(in GWh)

States	2022-23			2023-24 (Apr to May)		
	HYDRO	RENEWABLE	TOTAL	HYDRO	RENEWABLE	TOTAL
Chandigarh	0.00	12.61	12.61	0.00	2.95	2.95
DELHI	0.00	530.20	530.20	0.00	110.26	110.26
HARYANA	0.00	1419.73	1419.73	0.00	237.04	237.04
HIMACHAL PRADESH	38666.98	2912.95	41579.93	4830.43	483.87	5314.30
JAMMU AND KASHMIR	16777.42	393.20	17170.62	3531.31	100.98	3632.29
LADAKH	402.78	0.00	402.78	35.77	0.00	35.77
PUNJAB	4399.65	4169.59	8569.24	537.09	928.25	1465.34
RAJASTHAN	967.43	40990.05	41957.48	6.24	8514.47	8520.71
UTTAR PRADESH	974.04	7217.18	8191.22	53.94	1382.51	1436.45
UTTARAKHAND	15435.77	933.72	16369.49	1664.47	155.62	1820.09
NORTHERN REGION	77624.07	58579.22	136203.29	10659.25	11915.95	22575.20
CHHATTISGARH	237.37	2003.05	2240.42	34.03	389.64	423.67
GOA	0.00	19.96	19.96	0.00	8.93	8.93
GUJARAT	6133.14	29762.63	35895.77	266.76	7739.67	8006.43
MADHYA PRADESH	7309.07	8872.72	16181.79	382.69	1730.73	2113.42
MAHARASHTRA	5894.29	17206.59	23100.88	1481.01	2583.53	4064.54
Dadra and Nagar Haveli and Daman and Diu	0.00	30.62	30.62	0.00	5.09	5.09
WESTERN REGION	19573.87	57895.56	77469.43	2164.49	12457.59	14622.08
ANDHRA PRADESH	3747.58	16411.91	20159.49	242.88	2546.52	2789.40
KARNATAKA	13157.34	29575.44	42732.78	2004.77	4515.86	6520.63
KERALA	7989.00	1946.26	9935.26	1243.44	312.15	1555.59
PUDUCHERRY	0.00	12.24	12.24	0.00	2.04	2.04
TAMIL NADU	5965.77	27626.45	33592.22	477.38	3578.07	4055.45
TELANGANA	6010.07	7429.89	13439.96	106.60	1373.82	1480.42
LAKSHDWEEP	0.00	0.10	0.10	0.00	0.02	0.02
SOUTHERN REGION	36869.76	83002.29	119872.05	4075.07	12328.48	16403.55
ANDAMAN NICOBAR	0.00	37.88	37.88	0.00	5.79	5.79
BIHAR	0.00	288.85	288.85	0.00	56.53	56.53
JHARKHAND	305.47	19.70	325.17	14.59	2.94	17.53
WEST BENGAL	3423.73	1959.12	5382.85	415.98	326.63	742.61
ODISHA	5462.81	1192.10	6654.91	770.41	195.86	966.27
SIKKIM	11696.79	12.35	11709.14	1461.52	2.06	1463.58
EASTERN REGION	20888.80	3510.00	24398.80	2662.50	589.81	3252.31
ARUNACHAL PRADESH	4820.94	24.85	4845.79	483.41	0.52	483.93
ASSAM	481.60	279.01	760.61	29.95	60.32	90.27
MANIPUR	477.98	8.79	486.77	12.71	2.57	15.28
MEGHALAYA	980.25	72.16	1052.41	84.66	8.66	93.32
MIZORAM	204.13	62.27	266.40	12.47	16.52	28.99
NAGALAND	177.37	111.95	289.32	3.14	7.06	10.20
TRIPURA	0.00	6.58	6.58	0.00	1.08	1.08
BHUTAN IMPORT	6742.40	0.00	6742.40	190.00	0.00	190.00
NORTH EASTERN REGION	13884.67	565.60	14450.27	816.34	96.74	913.08
Grand Total	168841.17	203552.68	372393.85	20377.65	37388.56	57766.21

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION
NO. 1438 ANSWERED IN THE RAJYA SABHA ON 01.08.2023**

The details of quantum of Energy Imported/ Exported by India from various neighbouring countries are given below:

Financial Year	Bhutan		Nepal		Bangladesh	Myanmar
	Energy Exported MU	Energy Imported MU	Energy Exported MU	Energy Imported MU	Energy Exported MU	Energy Exported MU
Year 2020-21	0	9318	1866	0	7552	9
Year 2021-22	138	7819	2084	164	7322	9
Year 2022-23	200	6580	1421	1263	8622	10
Year 2023-24 (Till June 23)	22	782	703	89	2181	2
