

GOVERNMENT OF INDIA  
MINISTRY OF POWER

RAJYA SABHA  
**UNSTARRED QUESTION NO.4143**  
ANSWERED ON 30.03.2026

**STATUS OF POWER GENERATION, STORAGE AND  
TARIFFS, IN THE COUNTRY**

4143 SMT. JEBI MATHER HISHAM:

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

- (a) the quantum of power generated through, both the conventional sources and non-conventional sources of energy, for the last five years, details State/UT-wise ;
- (b) the current rate of power per unit, details State/UT-wise ;
- (c) whether the current energy storage mechanisms (BESS and PSP) are enough to store the renewable energy generated; and
- (d) whether the generation and storage of renewable energy, has been successful in removing the power grid instability faced by the country?

**A N S W E R**

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

**(a):** The source-wise and state-wise generation data from various sources including thermal, hydro, nuclear and renewable energy for last five financial years and current financial year (up to February, 2026) is given at **Annexure-I**.

**(b):** The State / UT wise weighted average rate of sale of power (in paise / kWh) for conventional generating stations (i.e rate at which the sale of power by the generating stations to DISCOMs etc.) for the year 2024-25 is given at **Annexure-II**.

**(c) & (d):** At present (as on 28.02.2026), total installed capacity of Pumped Storage Projects (PSPs) is 7,176 MW. Further, 13,120 MW capacity is under construction.

Total installed capacity of Battery Energy Storage System (BESS) is 279.85 MW / 798.20 MWh. Further, 10,658.94 MW / 28739.32 MWh Battery Energy Storage System (BESS) capacity is under construction.

Renewable Energy (RE) sources support the grid by supplementing conventional power generation to meet electricity demand and provides different types of essential grid-stabilizing services that were traditionally exclusive to conventional generators. At the same time the variability and intermittency of renewable energy contribute to voltage and frequency fluctuations. However, the following measures are in place to address these implications and maintain the grid stability while integrating Renewable Energy:

- (i) CEA (Technical Standards for Connectivity to the Grid) Regulations lay down the minimum technical requirements for the RE generating plants to ensure the safe, secure and reliable operation of the grid. The compliances to the said regulations by RE plants are verified jointly by Central Transmission Utility (CTUIL) and Grid-India / Regional Load Despatch Centres (RLDCs) before granting connectivity/interconnection to the national grid.
- (ii) Indian Electricity Grid Code mandates that RE plants participate in the primary and secondary frequency control in case of contingencies. Hybrid RE power plants, Energy Storage Systems such as BESS (Battery Energy Storage System) and PSP (Pump Storage Project) are being promoted for mitigating variability in RE generation and provide adequate frequency support to the grid.
- (iii) Advanced grid support technologies such as STATCOMs and synchronous condensers for voltage stability and dynamic response have been considered in the transmission planning and are at various stages of implementation.
- (iv) Implementation of Automatic Generation Control (AGC) and Ancillary Services (SRAS/TRAS) for frequency regulation and balancing.
- (v) Establishment of Regional Energy Management Centers (REMCs) for Renewable Energy (RE) forecasting and real time Grid Management.
- (vi) Advanced weather forecasting by National Centre for Medium Range Weather Forecasting (NCMRWF) in coordination with the Indian Space Research Organisation (ISRO) for better RE generation and demand forecasting, thereby supporting effective management of variability in renewable energy generation.
- (vii) The grid stability in case of voltage fluctuations is dependent on the adequate reactive power support from generators. The requirements of dynamic reactive power support from the generators is covered in the CEA (Technical Standards for connectivity to the Grid) Regulations.
- (viii) Flexibilization of thermal generation is mandated to address the variability of RE generation.
- (ix) Planning of transmission systems to support development of up to 100 GW of Pumped Storage Projects (PSPs) during 2025-26 to 2035-36.
- (x) Providing budgetary support for enabling infrastructure (Roads, Transmission lines etc.) for development of Hydro PSP.
- (xi) Waiver of Inter-State Transmission System (ISTS) charges has been extended, for co-located BESS projects commissioned up to June 2028 and for Pumped Storage Projects (PSPs) where construction work is awarded by June 2028, to improve overall project viability.
- (xii) Production Linked Incentive (PLI) scheme with an outlay of ₹18,100 crore supports establishment of 50 GWh Advanced Chemistry Cell manufacturing capacity, including grid-scale storage.
- (xiii) Guidelines have been issued for procurement of renewable energy with storage to enable firm and dispatchable power supply

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## ANNEXURE-I

## ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4143 ANSWERED IN THE RAJYA SABHA ON 30.03.2026

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The source-wise and state-wise generation data from various sources including thermal, hydro, nuclear and renewable energy for the FY 2020-21:

(All generation figures are in MUs)

State	THERMAL					Total Thermal	Nuclear	Total Conventional	Renewable							GRAND TOTAL		
	Coal	Diesel/HSD	Lignite	Naptha	Natural Gas				Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others		Total Renewable Energy	
Andaman & Nicobar Islands		118.48				118.48		118.48		24.82				14.69			39.51	157.99
Andhra Pradesh	46,145.71	-			3,323.24	49,468.95		49,468.95	6,557.75	6,956.10	135.21	67.66	351.23	3,280.12	65.88		17,413.95	66,882.90
Arunachal Pradesh						-		-		1.54			0.55	3,451.34			3,453.44	3,453.44
Assam	2,976.74				2,721.40	5,698.14		5,698.14		13.37			38.15	270.87			322.38	6,020.52
Bihar	33,866.14					33,866.14		33,866.14		160.63	21.30	1.48	43.20				226.61	34,092.75
Chandigarh						-		-		10.16							10.16	10.16
Chhattisgarh	1,34,614.50					1,34,614.50		1,34,614.50		370.80	1,089.32	28.25	145.52	419.19			2,053.08	1,36,667.58
Dadra and Nagar Haveli						-		-		11.96							11.96	11.96
Daman & Diu						-		-		29.52	10.53						40.04	40.04
Delhi	-				5,304.01	5,304.01		5,304.01		189.99					236.71		426.70	5,730.71
Goa						-		-		1.46							1.46	1.46
Gujarat	71,637.55		5,421.24		18,877.21	95,936.00	3,712.96	99,648.96	13,058.52	4,633.81	43.15	19.37	211.94	4,233.36	10.61		22,210.75	1,21,859.71
Haryana	13,994.58				901.80	14,896.38		14,896.38		162.95	178.88	142.34	276.58				760.75	15,657.13
Himachal Pradesh						-		-		36.52			2,123.78	37,473.47			39,633.77	39,633.77
Jammu & Kashmir		-				-		-		9.42			429.88	17,002.68			17,441.97	17,441.97
Jharkhand	27,219.97					27,219.97		27,219.97		17.16			9.31	223.09			249.56	27,469.53
Karnataka	19,861.24				-	19,861.24	7,093.92	26,955.16	9,610.91	13,238.86	211.79	2,589.09	2,199.68	12,587.35			40,437.68	67,392.84
Kerala		7.83		101.41		109.24		109.24	130.42	275.44		45.68	640.58	6,628.39	0.01		7,720.51	7,829.75
Ladakh						-		-						376.21			376.21	376.21
Lakshadweep						-		-		0.45							0.45	0.45
Madhya Pradesh	1,23,089.78					1,23,089.78		1,23,089.78	3,913.45	4,202.03	0.48	82.57	281.76	6,477.33	37.57		14,995.19	1,38,084.97
Maharashtra	98,173.83				5,963.43	1,04,137.26	7,886.62	1,12,023.88	6,384.74	3,089.46	328.23	3,627.43	802.71	5,548.46	0.10		19,781.13	1,31,805.01
Manipur		-				-		-		7.71				621.62			629.33	629.33
Meghalaya						-		-					56.79	1,151.99			1,208.78	1,208.78
Mizoram						-		-		2.45			31.07	158.85			192.37	192.37
Nagaland						-		-					69.77	203.86			273.63	273.63
Orissa	55,206.47					55,206.47		55,206.47		476.26	42.71		358.80	6,859.97			7,737.74	62,944.21
Puducherry					232.15	232.15		232.15		6.39							6.39	238.54
Punjab	17,994.79					17,994.79		17,994.79		1,356.48	585.99	231.50	690.33	4,747.03	0.17		7,611.50	25,606.29
Rajasthan	36,738.05		8,478.53		1,018.69	46,235.27	7,386.05	53,621.32	5,708.27	10,384.24	413.24		10.64	469.63			16,986.01	70,607.33
Sikkim						-		-					55.96	10,879.50			10,935.46	10,935.46
Tamil Nadu	32,329.41	-	16,605.91	-	2,264.73	51,200.05	13,664.72	64,864.77	14,564.99	6,115.48	152.23	581.57	244.77	5,212.71			26,871.76	91,736.53
Telangana	44,760.76					44,760.76		44,760.76	220.91	6,351.04	164.11	61.00	67.27	3,645.38	69.05		10,578.75	55,339.51
Tripura					7,043.21	7,043.21		7,043.21		6.04			9.58				15.62	7,058.83
Uttar Pradesh	1,19,592.96				2,470.75	1,22,063.71	3,284.81	1,25,348.52		1,856.19	135.82	3,590.87	164.91	1,572.35			7,320.13	1,32,668.65
Uttarakhand					721.97	721.97		721.97		329.64			85.33	821.88	13,592.49		14,829.34	15,551.31
West Bengal	72,735.07	-				72,735.07		72,735.07		73.92		148.73	107.06	3,212.28	1,200.99		4,742.98	77,478.05
All India Total	9,50,937.55	126.31	30,505.68	101.41	50,842.59	10,32,513.54	43,029.08	10,75,542.62	60,149.95	60,402.26	3,512.98	11,302.85	10,258.41	1,50,299.52	1,621.06		2,97,547.03	13,73,089.65
Import from Bhutan						-		-						8,765.50			8,765.50	8,765.50
Grand Total	9,50,937.55	126.31	30,505.68	101.41	50,842.59	10,32,513.54	43,029.08	10,75,542.62	60,149.95	60,402.26	3,512.98	11,302.85	10,258.41	1,59,065.02	1,621.06		3,06,312.53	13,81,855.15

NOTE : 1) Generation from Thermal, Nuclear and Large Hydro sources is from stations of capacity 25 MW and above.

The source-wise and state-wise generation data from various sources including thermal, hydro, nuclear and renewable energy for the FY 2021-22:

(All generation figures are in MUs)

State	THERMAL				Total Thermal	Nuclear	Total Conventional	Renewable							GRAND TOTAL		
	Coal	Diesel/HSD	Lignite	Natural Gas				Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others		Total Renewable Energy	
Andaman & Nicobar Islands		117.24			117.24		117.24		21.51				13.26			34.77	152.01
Andhra Pradesh	53,326.74	-		2,094.34	55,421.08		55,421.08	7,134.58	7,832.51	104.85	72.70	384.08	3,113.83	133.88	18,776.44	74,197.52	
Arunachal Pradesh					-		-		1.72			0.41	4,161.28		4,163.41	4,163.41	
Assam	4,201.45			3,399.10	7,600.55		7,600.55		81.64			40.46	676.24		798.34	8,398.89	
Bihar	43,940.40				43,940.40		43,940.40		163.08	2.14	65.84	8.77			239.83	44,180.23	
Chandigarh					-		-		14.19						14.19	14.19	
Chhattisgarh	1,40,870.87				1,40,870.87		1,40,870.87		436.56	1,307.27	8.70	185.67	404.13		2,342.34	1,43,213.21	
Dadra and Nagar Haveli					-		-		49.16						49.16	49.16	
Daman & Diu					-		-		35.35	12.32					47.67	47.67	
Delhi				4,948.57	4,948.57		4,948.57		225.84					232.89	458.73	5,407.30	
Goa					-		-		15.93					0.89	16.82	16.82	
Gujarat	43,884.40		5,684.02	7,353.85	56,922.27	3,503.47	60,425.74	17,854.77	6,774.50	0.00	18.16	192.10	2,621.51		27,461.04	87,886.78	
Haryana	22,847.43			120.30	22,967.73		22,967.73		572.85	171.60	96.75	270.13		24.09	1,135.42	24,103.15	
Himachal Pradesh					-		-		44.29			1,999.47	36,459.64		38,503.40	38,503.40	
Jammu & Kashmir		-			-		-		1.71			414.10	17,074.02		17,489.83	17,489.83	
Jharkhand	28,338.72				28,338.72		28,338.72		18.21			10.49	547.96		576.67	28,915.39	
Karnataka	30,505.26	-		-	30,505.26	7,492.05	37,997.31	9,491.62	13,169.43	174.08	3,338.24	2,460.91	13,936.46		42,570.74	80,568.05	
Kerala		-			-		-	136.41	496.93		48.92	932.37	9,317.44	0.00	10,932.06	10,932.06	
Ladakh					-		-						405.98		405.98	405.98	
Lakshadweep					-		-		0.30						0.30	0.30	
Madhya Pradesh	1,29,634.45				1,29,634.45		1,29,634.45	4,346.66	4,006.70	25.35	82.20	221.43	4,686.72	34.40	13,403.45	1,43,037.90	
Maharashtra	1,16,485.92			6,124.19	1,22,610.11	8,602.18	1,31,212.29	7,085.98	3,187.18	316.79	4,468.31	787.16	6,007.38	0.22	21,853.02	1,53,065.31	
Manipur		-			-		-		6.72				455.48	0.00	462.20	462.20	
Meghalaya					-		-		0.47			44.21	841.82		886.50	886.50	
Mizoram					-		-		1.68			26.41	137.44		165.53	165.53	
Nagaland					-		-					63.47	100.55		164.02	164.02	
Orissa	60,161.29				60,161.29		60,161.29		603.71	100.08		377.32	5,230.63		6,311.73	66,473.02	
Puducherry				251.13	251.13		251.13		12.24						12.24	263.37	
Punjab	24,175.82				24,175.82		24,175.82		1,473.41	576.83	208.30	983.37	3,709.73	0.24	6,951.88	31,127.70	
Rajasthan	40,846.37		8,762.03	1,499.01	51,107.41	8,308.85	59,416.26	6,493.19	17,219.88	378.40		7.85	481.84		24,581.15	83,997.41	
Sikkim					-		-					12.35	11,493.90		11,506.25	11,506.25	
Tamil Nadu	36,802.55	-	22,647.99	1,732.22	61,182.76	15,625.26	76,808.02	15,821.18	7,172.88	116.66	657.40	293.17	5,212.07		29,273.35	1,06,081.37	
Telangana	51,550.06				51,550.06		51,550.06	275.69	6,536.94	111.13	103.95	91.00	5,626.63	227.20	12,972.52	64,522.58	
Tripura				6,332.25	6,332.25		6,332.25		6.18			1.44			7.62	6,339.87	
Uttar Pradesh	1,30,698.93		-	1,148.49	1,31,847.42	3,580.25	1,35,427.67		2,900.41	85.20	3,160.39	162.54	1,402.68	20.40	7,731.62	1,43,159.29	
Uttarakhand				1,012.32	1,012.32		1,012.32		301.60		244.02	326.70	14,332.13		15,204.45	16,216.77	
West Bengal	83,216.77	-			83,216.77		83,216.77		98.24			152.90	3,189.84	1,593.96	5,034.93	88,251.70	
<b>All India Total</b>	<b>10,41,487.43</b>	<b>117.24</b>	<b>37,094.04</b>	<b>36,015.77</b>	<b>11,14,714.48</b>	<b>47,112.06</b>	<b>11,61,826.54</b>	<b>68,640.07</b>	<b>73,483.94</b>	<b>3,482.70</b>	<b>12,573.88</b>	<b>10,463.55</b>	<b>1,51,627.33</b>	<b>2,268.17</b>	<b>3,22,539.63</b>	<b>14,84,366.17</b>	
<b>Import from Bhutan</b>					-		-						7,493.20		7,493.20	7,493.20	
<b>Grand Total</b>	<b>10,41,487.43</b>	<b>117.24</b>	<b>37,094.04</b>	<b>36,015.77</b>	<b>11,14,714.48</b>	<b>47,112.06</b>	<b>11,61,826.54</b>	<b>68,640.07</b>	<b>73,483.94</b>	<b>3,482.70</b>	<b>12,573.88</b>	<b>10,463.55</b>	<b>1,59,120.53</b>	<b>2,268.17</b>	<b>3,30,032.83</b>	<b>14,91,859.37</b>	

**NOTE : 1) Generation from Thermal, Nuclear and Large Hydro sources is from stations of capacity 25 MW and above.**

The source-wise and state-wise generation data from various sources including thermal, hydro, nuclear and renewable energy for the FY 2022-23:

(All generation figures are in MUs)

State	THERMAL					Total Thermal	Nuclear	Total Conventional	Renewable							GRAND TOTAL	
	Coal	Diesel/HSD	Lignite	Naptha	Natural Gas				Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others		Total Renewable Energy
Andaman & Nicobar Islands		214.57				214.57		214.57		23.94			13.94			37.88	252.45
Andhra Pradesh	60,931.93	-			610.00	61,541.93		61,541.93	7,426.46	8,140.72	54.86	99.93	410.90	3,747.58	279.04	20,159.49	81,701.42
Arunachal Pradesh						-		-		22.27			2.55	4,820.94	0.03	4,845.79	4,845.79
Assam	5,026.24				3,366.84	8,393.08		8,393.08		216.35			62.66	481.60		760.61	9,153.69
Bihar	55,200.21					55,200.21		55,200.21		169.53		106.68	12.63			288.85	55,489.06
Chandigarh						-		-		12.61						12.61	12.61
Chhattisgarh	1,42,599.20					1,42,599.20		1,42,599.20		635.42	1,194.60	17.10	155.92	237.37		2,240.42	1,44,839.62
Dadra and Nagar Haveli and Daman and Diu						-		-		27.40	3.22					30.62	30.62
Delhi					3,784.30	3,784.30		3,784.30		236.11					294.09	530.20	4,314.50
Goa				-		-		-		14.87					5.09	19.96	19.96
Gujarat	47,596.58		5,726.35		2,158.69	55,481.62	3,639.91	59,121.53	19,206.22	10,335.32		5.76	213.10	6,133.14	2.24	35,895.77	95,017.30
Haryana	32,136.68				2.59	32,139.27		32,139.27		555.20	356.07	203.01	241.90		63.55	1,419.73	33,559.00
Himachal Pradesh						-		-		58.76			2,854.07	38,666.98		41,579.81	41,579.81
Jammu & Kashmir						-		-					393.20	16,777.42		17,170.62	17,170.62
Jharkhand	30,472.78					30,472.78		30,472.78		19.70			2.40	305.47		327.57	30,800.35
Karnataka	35,014.30					35,014.30	7,443.24	42,457.54	9,967.89	14,153.79	106.90	3,037.31	2,308.59	13,157.34		42,731.82	85,189.36
Kerala		0.12				0.12		0.12	179.32	879.75		62.85	824.34	7,989.00		9,935.26	9,935.38
Ladakh						-		-						402.78		402.78	402.78
Lakshadweep		15.02				15.02		15.02		0.10						0.10	15.12
Madhya Pradesh	1,35,838.47					1,35,838.47		1,35,838.47	4,486.72	3,839.30	38.76	113.05	357.97	7,309.07	36.93	16,181.79	1,52,020.26
Maharashtra	1,24,477.47				2,429.56	1,26,907.03	8,985.48	1,35,892.51	7,243.06	4,387.85	236.48	4,572.03	766.73	5,894.29	0.44	23,100.88	1,58,993.39
Manipur						-		-		8.17				477.98	0.63	486.77	486.77
Meghalaya						-		-					72.16	980.25		1,052.41	1,052.41
Mizoram						-		-		3.21			59.06	204.13		266.40	266.40
Nagaland						-		-					111.95	177.37		289.32	289.32
Odisha	64,874.24					64,874.24		64,874.24		706.24	60.95		424.92	5,462.81		6,654.91	71,529.15
Puducherry					233.07	233.07		233.07		12.24						12.24	245.31
Punjab	31,506.16					31,506.16		31,506.16		2,778.66	497.68	210.76	682.48	4,399.65		8,569.23	40,075.39
Rajasthan	46,966.68		9,001.71		1,450.33	57,418.72	6,587.27	64,005.99	6,111.41	34,474.43	397.05		7.17	967.43		41,957.48	1,05,963.47
Sikkim						-		-					12.35	11,696.79		11,709.14	11,709.14
Tamil Nadu	43,761.00		21,460.28	0.83	1,861.12	67,083.23	16,012.57	83,095.80	16,913.85	9,419.39	126.93	869.56	296.71	5,965.77		33,592.22	1,16,688.02
Telangana	50,738.20					50,738.20		50,738.20	279.23	6,745.46	21.48	132.94	91.71	6,010.07	159.08	13,439.96	64,178.16
Tripura					7,079.48	7,079.48		7,079.48		6.58						6.58	7,086.06
Uttar Pradesh	1,51,154.99				908.23	1,52,063.22	3,192.62	1,55,255.84		3,674.02	66.35	3,183.67	234.69	974.04	58.45	8,191.22	1,63,447.06
Uttarakhand						-		-		331.80		248.52	352.07	15,435.77		16,368.16	16,368.16
West Bengal	87,612.45					87,612.45		87,612.45		125.04			204.44	3,423.73	1,629.64	5,382.85	92,995.30
<b>All India Total</b>	<b>11,45,907.58</b>	<b>229.71</b>	<b>36,188.34</b>	<b>0.83</b>	<b>23,884.21</b>	<b>12,06,210.67</b>	<b>45,861.09</b>	<b>12,52,071.76</b>	<b>71,814.16</b>	<b>1,02,014.24</b>	<b>3,161.32</b>	<b>12,863.16</b>	<b>11,170.61</b>	<b>1,62,098.77</b>	<b>2,529.18</b>	<b>3,65,651.45</b>	<b>16,17,723.21</b>
<b>Import from Bhutan</b>						-		-						6,742.40		6,742.40	6,742.40
<b>Grand Total</b>	<b>11,45,907.58</b>	<b>229.71</b>	<b>36,188.34</b>	<b>0.83</b>	<b>23,884.21</b>	<b>12,06,210.67</b>	<b>45,861.09</b>	<b>12,52,071.76</b>	<b>71,814.16</b>	<b>1,02,014.24</b>	<b>3,161.32</b>	<b>12,863.16</b>	<b>11,170.61</b>	<b>1,68,841.17</b>	<b>2,529.18</b>	<b>3,72,393.85</b>	<b>16,24,465.61</b>

**NOTE :** 1) Generation from Thermal, Nuclear and Large Hydro sources is from stations of capacity 25 MW and above.

The source-wise and state-wise generation data from various sources including thermal, hydro, nuclear and renewable energy for the FY 2023-24:

(All generation figures are in MUs)

State	THERMAL					Total Thermal	Nuclear	Total Conventional	Renewable							GRAND TOTAL	
	Coal	Diesel/HSD	Lignite	Naptha	Natural Gas				Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others		Total Renewable Energy
Andaman & Nicobar Islands		335.79				335.79		335.79		27.50			12.00			39.50	375.29
Andhra Pradesh	71,241.24	-			2.41	71,243.65		71,243.65	8,644.00	8,300.03	18.75	66.63	127.10	1,373.19	307.97	18,837.67	90,081.32
Arunachal Pradesh						-		-		1.89			0.66	4,278.18		4,280.73	4,280.73
Assam	5,058.11				3,375.27	8,433.38		8,433.38		316.31			64.20	614.70	0.75	995.96	9,429.34
Bihar	58,361.80					58,361.80		58,361.80		195.19		140.98	5.92			342.08	58,703.88
Chandigarh						-		-		11.70						11.70	11.70
Chhattisgarh	1,62,388.63					1,62,388.63		1,62,388.63	943.75	1,368.61	19.54	145.54	321.76			2,799.20	1,65,187.83
Dadra and Nagar Haveli and Daman and Diu						-		-		15.74	13.12					28.86	28.86
Delhi					3,755.14	3,755.14		3,755.14		206.53					522.28	728.81	4,483.95
Goa				-		-		-		59.99				7.96	67.95	67.95	67.95
Gujarat	70,781.00		5,816.43		8,185.06	84,782.49	7,576.86	92,359.35	24,794.50	13,468.91	2.13	217.68	4,556.33			43,039.55	1,35,398.90
Haryana	28,060.15				137.28	28,197.43		28,197.43		992.91	294.12	83.60	222.05		58.82	1,651.50	29,848.93
Himachal Pradesh						-		-		59.54			2,526.98	36,365.85		38,952.37	38,952.37
Jammu & Kashmir						-		-					408.69	15,874.24		16,282.93	16,282.93
Jharkhand	35,764.81					35,764.81		35,764.81		17.64			5.52	196.80		219.96	35,984.77
Karnataka	44,466.58	-			-	44,466.58	7,502.65	51,969.23	10,950.20	15,404.09	47.45	2,754.06	1,370.76	8,973.17		39,499.72	91,468.95
Kerala		-		-		-		-	214.53	1,195.28		78.08	716.31	5,155.72	0.04	7,359.96	7,359.96
Ladakh						-		-					388.48			388.48	388.48
Lakshadweep		64.79				64.79		64.79		0.09						0.09	64.88
Madhya Pradesh	1,48,680.03					1,48,680.03		1,48,680.03	4,949.78	4,025.19	84.62	97.01	469.60	6,444.78	28.83	16,099.80	1,64,779.83
Maharashtra	1,32,924.80				3,970.83	1,36,895.63	8,112.38	1,45,008.01	8,228.97	5,814.13	304.61	3,495.82	888.48	5,264.49	33.40	24,029.90	1,69,037.91
Manipur		-				-		-		7.73			298.18	1.23	307.14	307.14	307.14
Meghalaya						-		-					66.55	808.58		875.13	875.13
Mizoram						-		-		3.19			95.93	118.63		217.74	217.74
Nagaland						-		-					81.14	165.47		246.61	246.61
Odisha	66,019.81					66,019.81		66,019.81	757.69	96.07		407.97	6,162.20		7,423.92	73,443.73	
Puducherry					224.10	224.10		224.10		12.24						12.24	236.34
Punjab	32,462.85					32,462.85		32,462.85		2,673.99	613.44	197.99	636.97	4,676.42		8,798.82	41,261.67
Rajasthan	51,701.62		8,776.46		1,144.62	61,622.70	7,059.67	68,682.37	8,390.67	38,363.28	387.55		7.45	1,013.97		48,162.93	1,16,845.30
Sikkim						-		-					12.35	8,609.85		8,622.20	8,622.20
Tamil Nadu	54,058.30	-	19,356.90	0.03	1,918.59	75,333.82	14,811.22	90,145.04	16,908.08	11,737.48	129.14	622.61	206.00	3,563.28		33,166.59	1,23,311.63
Telangana	56,913.73					56,913.73		56,913.73	304.63	6,884.68	10.57	95.08	58.87	1,243.29	155.29	8,752.39	65,666.12
Tripura					6,353.31	6,353.31		6,353.31		7.01						7.01	6,360.32
Uttar Pradesh	1,52,505.20				1,619.52	1,54,124.72	2,874.63	1,56,999.35		3,971.31	46.65	2,923.55	175.24	850.64	84.85	8,052.23	1,65,051.58
Uttarakhand					609.78	609.78		609.78		331.80		248.52	350.62	13,919.23		14,850.17	15,459.95
West Bengal	89,513.96					89,513.96		89,513.96		168.32	2.49		204.46	2,816.49	1,545.13	4,736.88	94,250.84
<b>All India Total</b>	<b>12,60,902.62</b>	<b>400.58</b>	<b>33,949.79</b>	<b>0.03</b>	<b>31,295.91</b>	<b>13,26,548.93</b>	<b>47,937.41</b>	<b>13,74,486.34</b>	<b>83,385.35</b>	<b>1,15,975.11</b>	<b>3,417.19</b>	<b>10,825.59</b>	<b>9,485.04</b>	<b>1,34,053.92</b>	<b>2,746.55</b>	<b>3,59,888.75</b>	<b>17,34,375.09</b>
<b>Import from Bhutan</b>						-		-						4,716.10		4,716.10	4,716.10
<b>Grand Total</b>	<b>12,60,902.62</b>	<b>400.58</b>	<b>33,949.79</b>	<b>0.03</b>	<b>31,295.91</b>	<b>13,26,548.93</b>	<b>47,937.41</b>	<b>13,74,486.34</b>	<b>83,385.35</b>	<b>1,15,975.11</b>	<b>3,417.19</b>	<b>10,825.59</b>	<b>9,485.04</b>	<b>1,38,770.02</b>	<b>2,746.55</b>	<b>3,64,604.85</b>	<b>17,39,091.19</b>

**NOTE :** 1) Generation from Thermal, Nuclear and Large Hydro sources is from stations of capacity 25 MW and above.

The source-wise and state-wise generation data from various sources including thermal, hydro, nuclear and renewable energy for the FY 2024-25:

(All generation figures are in MUs)

State	THERMAL				Total Thermal	Nuclear	Total Conventional	Renewable							GRAND TOTAL	
	Coal	Diesel/HSD	Lignite	Natural Gas				Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others		Total Renewable Energy
Andaman & Nicobar Islands		374.18			374.18		374.18		24.59			14.40			39.00	413.18
Andhra Pradesh	72,832.94	-		34.04	72,866.98		72,866.98	7,235.04	7,993.48	19.61	52.34	294.36	3,303.08	307.40	19,205.31	92,072.29
Arunachal Pradesh					-		-		1.30			0.58	4,205.16		4,207.04	4,207.04
Assam	4,787.20			3,407.99	8,195.19		8,195.19		305.52			208.55	998.75	0.30	1,513.11	9,708.30
Bihar	60,757.75				60,757.75		60,757.75		325.86		104.70	14.54			445.10	61,202.85
Chandigarh					-		-		8.79						8.79	8.79
Chhattisgarh	1,66,431.38				1,66,431.38		1,66,431.38		1,523.27	1,543.26	20.05	139.34	419.42		3,645.35	1,70,076.73
Dadra and Nagar Haveli and Daman and Diu					-		-		15.87	12.76					28.63	28.63
Delhi				3,878.01	3,878.01		3,878.01		206.53					542.41	748.95	4,626.96
Goa					-		-		57.11					8.14	65.24	65.24
Gujarat	79,769.84		5,245.75	8,411.70	93,427.29	12,301.55	1,05,728.84	25,440.90	20,219.48	107.62		205.98	6,028.52		52,002.50	1,57,731.34
Haryana	30,228.56			215.37	30,443.93		30,443.93		1,470.02	359.23	44.60	314.64		49.13	2,237.62	32,681.55
Himachal Pradesh					-		-		107.24			3,040.90	39,386.29		42,534.43	42,534.43
Jammu & Kashmir		-			-		-					395.17	15,200.65		15,595.82	15,595.82
Jharkhand	38,812.21				38,812.21		38,812.21		17.64			6.25	269.12		293.01	39,105.22
Karnataka	44,367.93	-		314.38	44,682.31	7,358.02	52,040.33	13,620.33	15,699.63	32.15	2,474.25	2,259.49	14,056.00		48,141.85	1,00,182.18
Kerala		1.53			1.53		1.53	119.85	1,711.83		20.53	814.29	6,733.99	56.64	9,457.13	9,458.66
Ladakh					-		-						413.06		413.06	413.06
Lakshadweep		66.94			66.94		66.94		0.09						0.09	67.03
Madhya Pradesh	1,46,116.76				1,46,116.76		1,46,116.76	4,712.84	7,123.73	61.95	121.55	482.19	7,606.73	65.06	20,174.05	1,66,290.81
Maharashtra	1,31,157.23			5,390.97	1,36,548.20	8,467.44	1,45,015.64	7,659.71	7,725.20	259.41	3,001.04	855.48	5,635.24	90.35	25,226.43	1,70,242.07
Manipur		-			-		-		8.68				706.37		715.05	715.05
Meghalaya					-		-					116.65	905.58		1,022.23	1,022.23
Mizoram					-		-		25.38			52.11	240.30		317.79	317.79
Nagaland					-		-					98.62	215.02		313.64	313.64
Odisha	68,638.78				68,638.78		68,638.78		786.75	53.80		457.20	6,285.36		7,583.11	76,221.89
Puducherry				204.95	204.95		204.95		12.24						12.24	217.19
Punjab	33,575.21				33,575.21		33,575.21		1,372.73	692.06	348.11	734.01	4,126.11		7,273.02	40,848.23
Rajasthan	56,545.08		8,520.18	921.90	65,987.16	7,430.95	73,418.11	6,941.26	49,101.62	400.85		4.15	905.80		57,353.68	1,30,771.79
Sikkim					-		-					12.35	2,012.67		2,025.02	2,025.02
Tamil Nadu	53,376.75	-	19,228.84	1,615.77	74,221.36	17,493.39	91,714.75	17,326.66	15,739.30	106.90	377.99	256.60	4,602.72		38,410.17	1,30,124.92
Telangana	56,969.20				56,969.20		56,969.20	290.60	6,941.75	12.61	64.28	74.48	5,270.78	257.96	12,912.48	69,881.68
Tripura				5,099.65	5,099.65		5,099.65		5.97						5.97	5,105.62
Uttar Pradesh	1,61,337.30			1,247.56	1,62,584.86	3,629.48	1,66,214.34		4,966.06	76.48	2,457.35	179.00	1,273.74	29.88	8,982.50	1,75,196.84
Uttarakhand				837.76	837.76		837.76		331.80		248.52	353.40	15,183.82		16,117.54	16,955.30
West Bengal	93,168.17	-			93,168.17		93,168.17		320.75			183.30	2,649.70	1,462.46	4,616.21	97,784.38
<b>All India Total</b>	<b>12,98,872.29</b>	<b>442.65</b>	<b>32,994.77</b>	<b>31,580.05</b>	<b>13,63,889.76</b>	<b>56,680.83</b>	<b>14,20,570.59</b>	<b>83,347.19</b>	<b>1,44,150.23</b>	<b>3,738.67</b>	<b>9,335.32</b>	<b>11,568.04</b>	<b>1,48,633.98</b>	<b>2,869.73</b>	<b>4,03,643.17</b>	<b>18,24,213.76</b>
<b>Import from Bhutan</b>					-		-						5,484.18		5,484.18	5,484.18
<b>Grand Total</b>	<b>12,98,872.29</b>	<b>442.65</b>	<b>32,994.77</b>	<b>31,580.05</b>	<b>13,63,889.76</b>	<b>56,680.83</b>	<b>14,20,570.59</b>	<b>83,347.19</b>	<b>1,44,150.23</b>	<b>3,738.67</b>	<b>9,335.32</b>	<b>11,568.04</b>	<b>1,54,118.16</b>	<b>2,869.73</b>	<b>4,09,127.35</b>	<b>18,29,697.94</b>

The source-wise and state-wise generation data from various sources including thermal, hydro, nuclear and renewable energy for the FY 2025-26(Upto February 2026):

(All generation figures are in MU\$)

State	THERMAL					Total Thermal	Nuclear	Total Conventional	Renewable							GRAND TOTAL	
	Coal	Diesel/HSD	Lignite	Naptha	Natural Gas				Wind	Solar	Biomass	Bagasse	Small Hydro	Large Hydro	Others		Total Renewable Energy
Andaman & Nicobar Islands		334.12				334.12		334.12		15.37			13.12			28.50	362.62
Andhra Pradesh	66,024.53	-			311.49	66,336.02		66,336.02	8,579.21	7,643.91	13.38	41.62	389.12	5,647.06	347.75	22,662.04	88,998.06
Arunachal Pradesh						-		-		2.29			0.33	4,421.26		4,423.88	4,423.88
Assam	3,970.79				2,614.09	6,584.88		6,584.88		297.80			136.47	1,356.27	0.47	1,791.02	8,375.90
Bihar	53,610.18					53,610.18		53,610.18		294.00		71.96	21.19			387.15	53,997.33
Chandigarh						-		-		7.27						7.27	7.27
Chhattisgarh	1,52,064.88					1,52,064.88		1,52,064.88		1,671.91	1,327.09	7.58	240.35	302.53		3,549.46	1,55,614.34
Dadra and Nagar Haveli and Daman and Diu						-		-		18.49	11.59					30.08	30.08
Delhi					2,656.51	2,656.51		2,656.51		189.32					446.17	635.49	3,292.00
Goa				-		-		-		52.35					7.46	59.81	59.81
Gujarat	50,682.85		4,970.77		5,654.72	61,308.34	11,661.56	72,969.90	31,404.95	23,245.13	149.40		174.99	6,082.44		61,056.92	1,34,026.82
Haryana	23,629.14				185.10	23,814.24		23,814.24		1,448.01	368.30	62.80	213.15		49.52	2,141.78	25,956.02
Himachal Pradesh						-		-		179.19			2,605.70	41,241.49		44,026.38	44,026.38
Jammu & Kashmir						-		-					388.32	14,758.38		15,146.70	15,146.70
Jharkhand	36,584.47					36,584.47		36,584.47		16.17			18.95	141.26		176.38	36,760.85
Karnataka	38,126.85	-			673.94	38,800.79	5,237.35	44,038.14	17,811.83	16,116.89	41.99	3,134.30	2,734.32	14,361.21	6.25	54,206.79	98,244.93
Kerala		-		-		-		-	126.24	2,127.50			909.29	8,540.94	88.89	11,792.85	11,792.85
Ladakh						-		-						446.84		446.84	446.84
Lakshadweep		59.74				59.74		59.74		0.08						0.08	59.82
Madhya Pradesh	1,28,068.67					1,28,068.67		1,28,068.67	4,398.77	7,274.96	64.55	62.43	477.06	7,644.24	50.34	19,972.34	1,48,041.01
Maharashtra	1,19,154.85				4,292.71	1,23,447.56	6,744.37	1,30,191.93	8,214.56	9,301.43	236.69	3,044.52	848.58	4,779.05	52.78	26,477.61	1,56,669.54
Manipur		-				-		-		7.88			553.23			561.11	561.11
Meghalaya						-		-					146.58	849.03		995.61	995.61
Mizoram						-		-		27.41			22.85	260.34		310.60	310.60
Nagaland						-		-					94.80	220.45		315.25	315.25
Odisha	63,033.21					63,033.21		63,033.21		822.60	76.00		589.35	6,679.80		8,167.75	71,200.96
Puducherry					166.22	166.22		166.22		11.22						11.22	177.44
Punjab	29,829.41					29,829.41		29,829.41		1,240.84	628.03	200.97	424.01	4,012.58		6,506.43	36,335.84
Rajasthan	44,192.21		7,229.39		853.65	52,275.25	9,989.00	62,264.25	6,737.16	54,226.99	700.13		5.39	990.44		62,660.11	1,24,924.36
Sikkim						-		-					11.33	2,513.30		2,524.63	2,524.63
Tamil Nadu	43,422.22	-	15,309.90	-	1,131.70	59,863.82	14,008.30	73,872.12	23,699.39	17,504.97		173.39	295.61	5,417.75		47,091.11	1,20,963.23
Telangana	52,859.42					52,859.42		52,859.42	275.91	6,205.39	19.32	66.59	83.25	6,691.50	286.61	13,628.58	66,488.00
Tripura					4,651.42	4,651.42		4,651.42		8.40						8.40	4,659.82
Uttar Pradesh	1,49,554.00				782.75	1,50,336.75	2,441.80	1,52,778.55		4,731.43	95.79	2,048.91	80.08	1,664.77	32.92	8,653.89	1,61,432.44
Uttarakhand					477.12	477.12		477.12		304.15		227.81	323.95	15,631.04		16,486.95	16,964.07
West Bengal	79,891.47					79,891.47		79,891.47		377.12			175.65	2,492.51	1,334.66	4,379.94	84,271.41
<b>All India Total</b>	<b>11,34,699.15</b>	<b>393.86</b>	<b>27,510.06</b>	<b>-</b>	<b>24,451.42</b>	<b>11,87,054.49</b>	<b>50,082.38</b>	<b>12,37,136.87</b>	<b>1,01,248.02</b>	<b>1,55,370.47</b>	<b>3,732.27</b>	<b>9,142.87</b>	<b>11,423.78</b>	<b>1,57,699.71</b>	<b>2,703.82</b>	<b>4,41,320.94</b>	<b>16,78,457.81</b>
<b>Import from Bhutan</b>						-		-					7,776.96			7,776.96	7,776.96
<b>Grand Total</b>	<b>11,34,699.15</b>	<b>393.86</b>	<b>27,510.06</b>	<b>-</b>	<b>24,451.42</b>	<b>11,87,054.49</b>	<b>50,082.38</b>	<b>12,37,136.87</b>	<b>1,01,248.02</b>	<b>1,55,370.47</b>	<b>3,732.27</b>	<b>9,142.87</b>	<b>11,423.78</b>	<b>1,65,476.67</b>	<b>2,703.82</b>	<b>4,49,097.90</b>	<b>16,86,234.77</b>

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**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4143  
ANSWERED IN THE RAJYA SABHA ON 30.03.2026**

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The State/ UT wise weighted average rate of sale of power (in paise/kWh) for conventional generating stations of capacity 25 MW and above (i.e., the sale of power by the generating stations to DISCOMs, etc.) for the year 2024-25:

<b>Sl. No.</b>	<b>Name of State/U.T.</b>	<b>Weighted Average Rate of Sale of Power (paise/ kWh)</b>
1	ANDHRA PRADESH	513.99
2	ARUNACHAL PRADESH	388.48
3	ASSAM	590.34
4	BIHAR	468.46
5	CHHATTISGARH	389.03
6	DELHI	879.87
7	GOA	240.00
8	GUJARAT	511.41
9	HARYANA	531.44
10	HIMACHAL PRADESH	299.02
11	JAMMU & KASHMIR	281.23
12	JHARKHAND	446.47
13	KARNATAKA	508.93
14	KERALA	235.00
15	MADHYA PRADESH	348.82
16	MAHARASHTRA	516.55
17	MANIPUR	389.07
18	MEGHALAYA	354.07
19	MIZORAM	517.40
20	NAGALAND	771.90
21	ODISHA	302.48
22	PUDUCHERRY	952.25
23	PUNJAB	485.16
24	RAJASTHAN	465.24
25	SIKKIM	480.60
26	TAMILNADU	494.65
27	TELANGANA	500.86
28	TRIPURA	406.91
29	UT of Ladakh	903.59
30	UTTAR PRADESH	419.25
31	UTTARAKHAND	398.75
32	WEST BENGAL	434.92

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